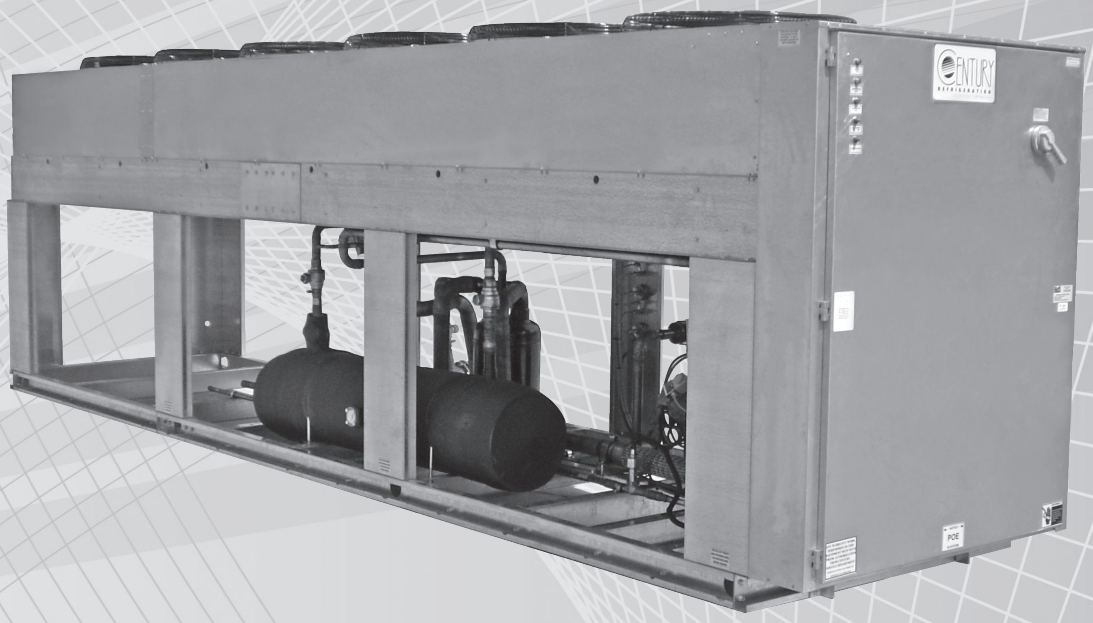
N SERIES

Air-Cooled Condensing Units - Technical Catalog

Featuring Bitzer™ Compressors
404A and 507 Refrigerants



CENTURY
REFRIGERATION
DIVISION RAE CORPORATION

4492 Hunt St - Pryor, OK 74361 - 918.825.7222 - Fax 800.264.5329 - www.century-refrigeration.com

Standard Features

- Direct drive condenser fans
- Fan motor contactors
- Poly-coated fan guard
- Liquid receiver with relief valve
- Receiver inlet and outlet ball valves
- Refrigerant charging Schrader port
- Compressor contactors
- Compressor overload protection
- Crankcase heater
- Compressor service valves
- Vibration isolation under compressor
- Discharge vibrasorber
- Head cooling fans when applicable on low temp units
- Separate sub-cooling circuit
- Fan motor overload protection
- Oversized, NEMA 3R control panel (to facilitate field-added electronic system controls) with hinged door
- Pre-wired electrical controls
- High pressure safety
- Low pressure operating control
- Rigging holes
- Oil failure control
- Run/Pumpdown switch
- 12 FPI max condensing surface
- Oversized high-efficiency condensers
- Condenser coil cleanout access
- Wiring raceway
- Electronic oil control

Applications

Century's N Series outdoor air cooled condensing units are specifically designed for commercial and industrial refrigeration duty cooling applications. They come completely pre-piped and wired with vertical air discharge. They also utilize a unique horizontal condenser and coil design and high volume condenser fans. Each unit is provided with a separate sub-cooling circuit to maximize unit performance. The N Series condensing unit is suitable for mounting at ground or rooftop levels.

N Series condensing units can be applied between the operating saturated suction temperatures of -40°F and 45°F, depending on the unit selected and the refrigerant utilized. For higher or lower operating temperatures, contact your local Century Representative.

N Series condensing units can be matched with Century Refrigeration's EPIC, FV Series, FH Series, BALV Series, A Series medium profile unit coolers, BOC Series large profile unit coolers, PFE Blast Cooler/Freezer unit coolers, WIBR Series unit coolers, and XBOC Series unit coolers. Applications ranging from low temperature product storage, produce ripening, or medium temperature product storage can be readily supported by the N Series condensing units.

Each N Series unit is designed to meet the demands of multiple load applications required for commercial and industrial refrigeration.

Refrigerants 404a and 507 are available to meet your product application. POE oils are utilized in units for these refrigerants. Consult your Century Representative for additional refrigerant application requirements.

U.S. DEPARTMENT OF ENERGY

Fully Compliant with 2020 DOE Requirements

Available Options

- + 20°F fan cycle with digital control (ambient temperatures at or above +20°F)
- 0°F fan cycle with digital control (ambient temperatures at or above 0°F)
- A20 flood control with receivers (ambient temperatures at or above +20°F)
- B20 flood control with receivers (ambient temperatures below +20°F, positive start feature)
- VFD compatible condenser fan motors with controller mounted
- Title 24 packages
- 850 RPM fan motors and optional low sound blades
- Special high air fan blades for high altitude locations
- Liquid line solenoid, mounted or shipped loose, with or without manual lift stem
- Liquid line drier (with or without replaceable core) & sight glass
- 3 valve bypass (liquid drier)
- Full port charging valve
- Hot gas discharge muffler
- Suction accumulator with or without heat exchanger
- Suction filter with or without replaceable core
- Suction vibrasorber, mounted
- Oil separator
- Control circuit transformer
- Convenience outlet (115v/15amp/with transformer)
- Unit circuit breaker with through-the-door operator
- Painted cabinet
- Defrost time clock
- Fused defrost heater contactor
- Fused evaporator fan contactor
- Fused defrost circuit
- Fused evaporator fan circuit
- Unit phase failure monitor
- Hot gas bypass
- Receiver insulation
- Compressor head cooling fan
- Cylinder unloading on most compressors
- Alarm circuit with dry contacts
- Adjustable guarantee off timer (GOT)
- Off/Pumpdown/Run switch
- Electrical door interlock
- Indicator lights
- Elapsed time meter
- Acrylic coated fin coil
- Single circuit option on dual compressor unit (includes oil separator with reservoir and individual floats)
- Electronic room thermostats mounted in unit with sensor shipped loose
- Mechanical or electronic room thermostat, shipped loose
- Contact your local Century Representative for other requested special options

Nomenclature

MODEL KEY **N S B 03 L 4**

Series Name

Number of Compressors
S - Single
D - Dual
M - Multiple

Compressor Type
B - Bitzer

Nominal Horsepower

Temperature Range
H - High
M - Medium
L - Low

Refrigerant Type
4 - R404a
7 - R507

WHEN ORDERING PLEASE SPECIFY:

- Complete Model Number
- Refrigerant
- Room Temperature
- Saturated Suction Temperature
- Electrical Characteristic
  - Unit (Voltage/Phase)
  - Control Voltage
- Accessories

Note: Dual units are standard with dual electrical and refrigerant circuiting.
Multiple units are standard with single electrical and refrigerant circuiting.

Construction

Cabinet
The rugged, industrial grade cabinet is constructed of heavy gauge, mill galvanized steel. Rigging holes are provided in the formed, full-perimeter channel base. Compressors are mounted low in the cabinet for ease of service.

Condensers
Coils are seamless copper tube with die stamped aluminum plate fins, galvanized steel frames and tube sheets. Coils are computer selected for refrigeration applications to provide optimum heat transfer at a minimum T.D. Each unit is provided with a separate, sub-cooling circuit to maximize unit performance.

Condenser fan motors are industrial duty 1140 RPM, ball bearing, weather resistant, three phase with inherent electrical protection. Condenser fan blades are of finished aluminum with a corrosion-resistant coated hub.

Coils are mounted horizontally with fans arranged for draw through, vertical discharge air flow. Each fan assembly is equipped with a sturdy poly-coated steel fan guard.

Liquid Receiver
Receivers are selected to provide pumpdown capacity (with condenser coil) considering a nominal 100ft. equivalent line length and a matching evaporator. Receivers smaller than 6 inches are U.L. listed. All larger receivers are ASME stamped. Each receiver is equipped with inlet and outlet ball valves, gauge port, and pressure relief device. Oversize receivers are available with or without, optional low ambient condenser flooding valves.

Compressors
U.L. listed, semi-hermetic, energy efficient, Bitzer™ compressors are applied throughout the line. Each compressor is equipped with suction and discharge service valves with gauge ports, inherent three phase overload protection, oil level sight glass, crankcase heater, spring isolator mounting, inline discharge vibrasorber and an auxiliary head cooling fan and/or oil cooler (where required.)

Bitzer™ compressors are famous for their low sound levels. Bitzer™ changes capacities within a frame size by changing their bore diameters rather than the length of the piston strokes. This gives Bitzer™ compressors an unsurpassed balance and precision that translates to low decibels. In addition, Bitzer™ compressors have a muffler built into each head that eliminates pulsations and reduces the sound levels even further.

Bitzer's™ centrifugal lubrication design employs a solid metal disc mounted to the crankshaft that distributes oil into a reservoir at the end of the shaft. The oil then flows through the shaft to the bearing surfaces.

Controls
All condensing units are wired to operate on a standard pumpdown cycle. Run/ pumpdown switch is provided as standard.

All electrical control components are enclosed within a heavy-gauge weatherproof, hinged panel to provide maximum weather protection and enhance service analysis.

All units have individually numbered control conductors. Also standard are adjustable, refrigeration grade, separate high and low pressure switches (high-manual reset); oil pressure failure switch (manual reset) where applicable; and an individually numbered terminal strip for field connections. Conductors and fusing are selected per N.E.C. standards. A generously-sized enclosure is provided with adequate space to accommodate a complete defrost control system, either factory mounted and wired or field provided. Notably all Century control components are selected to be readily available through refrigeration wholesalers throughout the country. O.E.M. type controls are judicially avoided.

R-404a - Low Temp		Model Numbers[5, 8]			
		NSB03L4	NSB04L4	NSB05L4	NSB06L4
Compressor Model Number		4FES-3	4EES-4	4DES-5	4VE(S)-7
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	28.0	31.0	35.5	39.3
	230 V	25.9	28.6	32.6	36.1
	460 V	12.9	14.3	16.3	18.0
	575 V	10.1	11.2	12.8	14.2
Compressor RLA (each)	208 V	17.9	20.3	23.9	27.0
	230 V	16.2	18.4	21.6	24.4
	460 V	8.1	9.2	10.8	12.2
	575 V	6.5	7.4	8.6	9.8
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	28	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	28	28	28	28
	w/ Flood Control[3]	48	49	49	49
Suction Connection per circuit - ODS (in.)[9]		1 3/8	1 3/8	1 5/8	1 5/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		1,266	1,275	1,281	1,410
Unit Operating Weight - Approximate (lbs.)[7]		1,179	1,188	1,194	1,322

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	10,942	3.35	13,830	3.87	16,394	4.42	17,896	4.55
	-30° F	14,961	3.78	18,938	4.45	22,412	5.10	25,378	5.42
	-20° F	19,857	4.24	25,071	5.07	29,367	5.84	34,005	6.38
	-10° F	25,645	4.71	32,137	5.70	37,452	6.60	43,896	7.44
	0° F	32,321	5.18	40,302	6.36	46,731	7.40	55,151	8.58
95° F	-40° F[6]	9,842	3.37	12,377	3.90	14,635	4.45	15,436	4.50
	-30° F	13,544	3.85	17,047	4.52	20,126	5.18	22,286	5.42
	-20° F	18,010	4.34	22,653	5.19	26,512	5.97	30,107	6.46
	-10° F	23,257	4.86	29,082	5.88	33,836	6.80	39,153	7.59
	0° F	29,298	5.38	36,461	6.59	42,277	7.66	49,344	8.82
105° F	-40° F	8,687	3.37	10,900	3.90	12,888	4.45	13,058	4.44
	-30° F	12,071	3.88	15,134	4.56	17,845	5.23	19,231	5.41
	-20° F	16,074	4.42	20,163	5.27	23,624	6.07	26,346	6.51
	-10° F	20,803	4.97	25,963	6.02	30,217	6.95	34,461	7.72
	0° F	26,174	5.53	32,588	6.79	37,769	7.88	43,649	9.03
115° F	-40° F	7,496	3.34	9,407	3.86	11,141	4.43	10,724	4.37
	-30° F	10,555	28.00	13,195	4.56	15,557	5.25	16,249	5.39
	-20° F	14,103	4.45	17,637	5.32	20,706	6.13	22,663	6.54
	-10° F	18,255	5.04	22,786	6.12	26,516	7.07	29,857	7.82
	0° F	22,995	5.65	28,647	6.95	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Low Temp		Model Numbers[5, 8]			
		NSB08L4	NSB10L4	NSB12L4	NSB13L4
Compressor Model Number		4TE(S)-9	4PE(S)-12	4NE(S)-14	4JE-15
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	49.0	53.4	65.2	79.3
	230 V	44.8	48.8	59.9	72.7
	460 V	22.4	24.4	30.0	36.4
	575 V	17.7	19.3	23.5	28.6
Compressor RLA (each)	208 V	34.7	38.3	44.0	55.3
	230 V	31.4	34.6	39.8	50.0
	460 V	15.7	17.3	19.9	25.0
	575 V	12.6	13.8	15.9	20.0
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	37	40	57	60
	w/ Flood Control[3]	58	67	98	99
Suction Connection per circuit - ODS (in.)[9]		1 5/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,478	1,640	1,761	1,914
Unit Operating Weight - Approximate (lbs.)[7]		1,433	1,595	1,716	1,869

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	22,491	5.52	24,294	5.82	31,623	8.26	37,655	9.61
	-30° F	30,942	6.58	34,187	7.03	44,139	9.68	52,028	11.17
	-20° F	40,758	7.75	45,618	8.36	58,731	11.22	68,393	12.84
	-10° F	51,899	9.05	58,721	9.82	75,692	12.85	87,092	14.61
	0° F	64,288	10.47	73,365	11.38	95,105	14.57	108,075	16.48
95° F	-40° F[6]	19,626	5.50	20,791	5.69	27,565	8.16	32,993	9.56
	-30° F	27,386	6.61	29,891	6.96	38,984	9.68	46,271	11.22
	-20° F	36,305	7.87	40,275	8.38	52,359	11.32	61,285	13.01
	-10° F	46,395	9.25	52,139	9.92	67,811	13.09	78,301	14.91
	0° F	57,590	10.76	65,372	11.58	85,370	14.94	97,460	16.93
105° F	-40° F	16,838	5.47	17,435	5.50	23,585	7.98	28,445	9.44
	-30° F	23,885	6.63	25,676	6.84	33,885	9.58	40,609	11.20
	-20° F	31,906	7.95	34,995	8.33	46,005	11.33	54,189	13.10
	-10° F	40,942	9.42	45,608	9.95	59,844	13.21	69,601	15.13
	0° F	51,019	11.01	57,511	11.70	75,628	15.19	86,941	17.29
115° F	-40° F	14,107	5.42	14,211	5.26	19,646	7.70	23,992	9.26
	-30° F	20,465	6.63	21,555	6.66	28,828	9.39	34,895	11.11
	-20° F	27,550	8.02	29,853	8.21	39,612	11.24	47,199	13.11
	-10° F	-	-	-	-	51,905	13.23	60,909	15.27
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Low Temp		Model Numbers[5, 8]			
		NSB15L4	NSB20L4	NSB22L4	NSB25L4
Compressor Model Number		4HE-18	4GE-23	6JE-25	6HE-28
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	85.1	98.9	112.9	134.2
	230 V	78.0	90.4	103.6	122.8
	460 V	39.0	45.2	51.8	61.4
	575 V	30.7	35.7	40.7	48.4
Compressor RLA (each)	208 V	59.9	71.0	78.5	95.5
	230 V	54.2	64.2	71.0	86.4
	460 V	27.1	32.1	35.5	43.2
	575 V	21.7	25.7	28.4	34.6
Total Number of Condenser Fan Motors		2	2	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	67	76	76	111
	w/ Flood Control[3]	108	137	137	191
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,892	2,121	2,240	2,562
Unit Operating Weight - Approximate (lbs.)[7]		1,880	2,109	2,229	2,608

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	44,852	11.03	54,357	12.64	56,667	13.96	67,675	16.08
	-30° F	60,854	12.90	73,322	14.82	77,854	16.37	92,351	18.87
	-20° F	79,110	14.93	94,882	17.20	102,003	18.93	120,656	21.85
	-10° F	99,646	17.12	119,353	19.77	129,688	21.64	152,806	25.01
	0° F	122,394	19.48	146,768	22.52	161,059	24.45	189,117	28.32
95° F	-40° F[6]	39,796	11.03	48,745	12.74	49,743	13.87	59,947	16.07
	-30° F	54,480	13.00	66,135	15.04	69,299	16.44	82,791	19.05
	-20° F	71,137	15.16	85,763	17.56	91,476	19.20	108,547	22.25
	-10° F	89,791	17.50	107,953	20.30	116,877	22.10	138,089	25.65
	0° F	110,392	20.01	132,761	23.24	145,498	25.13	171,068	29.22
105° F	-40° F	34,737	10.97	43,162	12.77	42,976	13.69	52,273	15.93
	-30° F	48,191	13.04	59,012	15.18	60,864	16.42	73,133	19.10
	-20° F	63,148	15.31	76,680	17.84	80,979	19.35	96,643	22.52
	-10° F	79,890	17.78	96,568	20.73	103,931	22.45	123,115	26.15
	0° F	98,458	20.44	118,598	23.86	129,931	25.68	153,096	29.97
115° F	-40° F	29,782	10.84	37,731	12.73	36,347	13.40	44,620	15.66
	-30° F	41,875	13.00	51,919	15.23	52,384	16.28	63,436	19.01
	-20° F	55,254	15.38	67,570	18.02	70,655	19.38	84,523	22.63
	-10° F	-	-	-	-	91,168	22.67	108,187	26.50
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Low Temp		Model Numbers[5, 8]			
		NSB30L4	NSB40L4	NDB06L4	NDB08L4
Compressor Model Number		6GE-34	6FE-44	4FES-3	4EES-4
Quantity of Compressors		1	1	2	2
MCA[1] per circuit	208 V	156.0	185.0	28.0	31.0
	230 V	142.9	169.2	25.9	28.6
	460 V	71.5	84.6	12.9	14.3
	575 V	56.2	66.7	10.1	11.2
Compressor RLA (each)	208V	109.3	132.5	17.9	20.3
	230 V	98.8	119.8	16.2	18.4
	460 V	49.4	59.9	8.1	9.2
	575 V	39.5	47.9	6.5	7.4
Total Number of Condenser Fan Motors		4	4	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	10x60	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.)[2]		144	144	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	111	119	28	28
	w/ Flood Control[3]	191	220	48	49
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,628	3,034	2,553	2,571
Unit Operating Weight - Approximate (lbs.)[7]		2,674	3,080	2,316	2,334

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	83,581	20.50	98,450	24.04	21,939	6.69	27,660	7.75
	-30° F	111,268	23.72	133,102	27.93	30,023	7.56	37,876	8.90
	-20° F	143,061	27.21	172,576	32.09	39,874	8.47	50,142	10.13
	-10° F	179,037	30.97	217,303	36.46	51,732	9.39	64,273	11.41
	0° F	219,308	34.97	267,713	41.00	65,280	10.32	80,604	12.71
95° F	-40° F[6]	75,257	20.75	87,755	24.06	19,748	6.75	24,754	7.80
	-30° F	100,903	24.18	120,102	28.23	27,206	7.69	34,094	9.05
	-20° F	129,875	27.93	156,306	32.68	36,175	8.68	45,306	10.38
	-10° F	162,571	31.96	197,156	37.37	46,906	9.69	58,165	11.76
	0° F	199,035	36.26	242,724	42.25	59,190	10.72	72,922	13.19
105° F	-40° F	66,804	20.86	76,989	23.90	17,444	6.75	21,800	7.79
	-30° F	90,437	24.50	106,991	28.33	24,252	7.76	30,269	9.12
	-20° F	116,561	28.50	139,910	33.07	32,349	8.82	40,326	10.55
	-10° F	145,777	32.81	176,660	38.08	41,923	9.92	51,926	12.04
	0° F	178,381	37.41	217,620	43.28	52,962	11.04	65,176	13.58
115° F	-40° F	58,139	20.80	66,080	23.55	15,069	6.69	18,813	7.72
	-30° F	79,613	24.66	93,397	28.24	21,207	7.76	26,390	9.13
	-20° F	102,836	28.90	123,214	33.26	28,395	8.90	35,274	10.65
	-10° F	-	-	156,044	38.56	36,798	10.08	45,572	12.24
	0° F	-	-	-	-	46,550	11.28	57,295	13.89

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Low Temp		Model Numbers[5, 8]			
		NDB10L4	NDB12L4	NDB16L4	NDB20L4
Compressor Model Number		4DES-5	4VE(S)-7	4TE(S)-9	4PE(S)-12
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	35.5	39.3	49.0	53.4
	230 V	32.6	36.1	44.8	48.8
	460 V	16.3	18.0	22.4	24.4
	575 V	12.8	14.2	17.7	19.3
Compressor RLA (each)	208 V	23.9	27.0	34.7	38.3
	230 V	21.6	24.4	31.4	34.6
	460 V	10.8	12.2	15.7	17.3
	575 V	8.6	9.8	12.6	13.8
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	28	28	37	40
	w/ Flood Control[3]	49	49	58	67
Suction Connection per circuit - ODS (in.)[9]		1 5/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,584	2,840	2,977	3,303
Unit Operating Weight - Approximate (lbs.)[7]		2,347	2,604	2,826	3,151

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	32,789	8.84	35,792	9.10	44,982	11.05	48,588	11.65
	-30° F	44,823	10.21	50,756	10.84	61,885	13.15	68,373	14.06
	-20° F	58,735	11.67	68,011	12.77	81,516	15.51	91,236	16.73
	-10° F	74,904	13.21	87,792	14.88	103,799	18.11	117,442	19.63
	0° F	93,463	14.80	110,301	17.16	128,577	20.95	146,730	22.76
95° F	-40° F[6]	29,271	8.90	30,872	9.00	39,253	11.01	41,583	11.37
	-30° F	40,252	10.37	44,573	10.84	54,773	13.23	59,783	13.92
	-20° F	53,024	11.94	60,214	12.91	72,611	15.73	80,549	16.75
	-10° F	67,673	13.60	78,307	15.17	92,789	18.50	104,279	19.83
	0° F	84,554	15.32	98,688	17.63	115,180	21.52	130,744	23.15
105° F	-40° F	25,775	8.91	26,117	8.88	33,676	10.94	34,870	11.00
	-30° F	35,691	10.46	38,461	10.83	47,770	13.27	51,352	13.67
	-20° F	47,249	12.14	52,693	13.02	63,813	15.91	69,990	16.65
	-10° F	60,434	13.91	68,923	15.43	81,884	18.83	91,216	19.91
	0° F	75,538	15.76	87,298	18.06	102,039	22.03	115,022	23.41
115° F	-40° F	22,283	8.86	21,447	8.75	28,214	10.84	28,422	10.53
	-30° F	31,113	10.49	32,499	10.78	40,930	13.27	43,109	13.31
	-20° F	41,413	12.26	45,325	13.09	55,101	16.03	59,706	16.43
	-10° F	53,032	14.15	59,714	15.65	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Low Temp		Model Numbers[5, 8]			
		NDB24L4	NDB26L4	NDB30L4	NDB40L4
Compressor Model Number		4NE(S)-14	4JE-15	4HE-18	4GE-23
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	65.2	79.3	85.1	98.9
	230 V	59.9	72.7	78.0	90.4
	460 V	30.0	36.4	39.0	45.2
	575 V	23.5	28.6	30.7	35.7
Compressor RLA (each)	208 V	44.0	55.3	59.9	71.0
	230 V	39.8	50.0	54.2	64.2
	460 V	19.9	25.0	27.1	32.1
	575 V	15.9	20.0	21.7	25.7
Total Number of Condenser Fan Motors		4	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	57	60	67	78
	w/ Flood Control[3]	98	99	108	140
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,551	3,849	3,805	4,262
Unit Operating Weight - Approximate (lbs.)[7]		3,399	3,697	3,720	4,177

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	63,245	16.52	75,310	19.22	89,705	22.06	108,713	25.29
	-30° F	88,277	19.36	104,056	22.34	121,708	25.80	146,645	29.64
	-20° F	117,461	22.43	136,785	25.68	158,219	29.86	189,763	34.40
	-10° F	151,384	25.71	174,184	29.22	199,293	34.25	238,705	39.53
	0° F	190,210	29.15	216,150	32.97	244,787	38.96	293,536	45.04
95° F	-40° F[6]	55,129	16.33	65,986	19.12	79,593	22.06	97,489	25.48
	-30° F	77,969	19.35	92,541	22.44	108,960	26.01	132,269	30.08
	-20° F	104,717	22.65	122,569	26.01	142,275	30.32	171,527	35.13
	-10° F	135,622	26.17	156,602	29.82	179,583	34.99	215,906	40.60
	0° F	170,740	29.88	194,920	33.86	220,784	40.01	265,522	46.48
105° F	-40° F	47,170	15.96	56,890	18.89	69,475	21.94	86,324	25.53
	-30° F	67,769	19.16	81,217	22.39	96,383	26.08	118,025	30.35
	-20° F	92,010	22.67	108,377	26.20	126,297	30.63	153,359	35.67
	-10° F	119,688	26.42	139,202	30.26	159,780	35.56	193,136	41.46
	0° F	151,256	30.39	173,883	34.58	196,917	40.87	237,196	47.72
115° F	-40° F	39,292	15.41	47,984	18.52	59,564	21.68	75,463	25.45
	-30° F	57,655	18.78	69,791	22.21	83,750	26.00	103,838	30.47
	-20° F	79,224	22.48	94,398	26.23	110,509	30.77	135,140	36.05
	-10° F	103,811	26.46	121,818	30.54	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Low Temp		Model Numbers[5, 8]			
		NDB44L4	NDB50L4	NDB60L4	NDB80L4
Compressor Model Number		6JE-25	6HE-28	6GE-34	6FE-44
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	112.9	134.2	156.0	185.0
	230 V	103.6	122.8	142.9	169.2
	460 V	51.8	61.4	71.5	84.6
	575 V	40.7	48.4	56.2	66.7
Compressor RLA (each)	208 V	78.5	95.5	109.3	132.5
	230 V	71.0	86.4	98.8	119.8
	460 V	35.5	43.2	49.4	59.9
	575 V	28.4	34.6	39.5	47.9
Total Number of Condenser Fan Motors		6	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	10x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	144	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	76	111	111	119
	w/ Flood Control[3]	137	191	191	220
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,502	5,145	5,277	6,100
Unit Operating Weight - Approximate (lbs.)[7]		4,417	5,175	5,307	6,129

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	113,333	27.93	135,349	32.17	167,162	41.01	196,900	48.08
	-30° F	155,707	32.73	184,702	37.73	222,536	47.43	266,205	55.87
	-20° F	204,006	37.87	241,312	43.70	286,123	54.42	345,152	64.17
	-10° F	259,376	43.27	305,611	50.02	358,073	61.94	434,605	72.92
	0° F	322,119	48.89	378,235	56.64	438,617	69.94	535,427	82.00
95° F	-40° F[6]	99,485	27.75	119,893	32.15	150,513	41.50	175,510	48.12
	-30° F	138,598	32.89	165,582	38.10	201,806	48.36	240,204	56.46
	-20° F	182,953	38.40	217,094	44.51	259,749	55.86	312,613	65.36
	-10° F	233,753	44.20	276,177	51.30	325,141	63.92	394,313	74.74
	0° F	290,997	50.25	342,136	58.44	398,070	72.52	485,448	84.51
105° F	-40° F	85,953	27.37	104,545	31.87	133,607	41.72	153,978	47.80
	-30° F	121,729	32.83	146,266	38.20	180,874	49.01	213,983	56.66
	-20° F	161,958	38.70	193,286	45.03	233,121	56.99	279,820	66.15
	-10° F	207,862	44.89	246,231	52.30	291,554	65.62	353,320	76.15
	0° F	259,862	51.36	306,192	59.93	356,763	74.82	435,241	86.56
115° F	-40° F	72,694	26.79	89,240	31.32	116,278	41.60	132,160	47.11
	-30° F	104,767	32.55	126,872	38.01	159,226	49.32	186,795	56.47
	-20° F	141,309	38.76	169,046	45.26	205,672	57.80	246,429	66.51
	-10° F	182,336	45.33	216,374	52.99	-	-	312,089	77.11
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NSB05M4	NSB06M4	NSB08M4	NSB09M4
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	41.8	42.6	47.9	58.1
	230 V	38.4	39.1	43.9	53.1
	460 V	19.2	19.5	21.9	26.6
	575 V	15.1	15.4	17.3	21.0
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	28	29	56	56
	w/ Flood Control[3]	49	53	87	87
Suction Connection per circuit - ODS (in.)[9]		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,286	1,317	1,371	1,370
Unit Operating Weight - Approximate (lbs.)[7]		1,198	1,229	1,326	1,325

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	26,044	4.70	31,989	5.59	39,046	6.49	46,257	7.60
	0° F	33,132	5.14	40,624	6.21	49,479	7.20	58,534	8.56
	10° F	41,403	5.57	50,624	6.83	61,597	7.91	72,545	9.53
	20° F	50,919	5.99	61,684	7.44	75,364	8.61	87,546	10.52
	25° F	56,161	6.19	67,488	7.74	82,511	8.95	95,649	11.01
	30° F	61,569	6.38	73,540	8.04	89,993	9.29	104,112	11.51
	45° F	78,923	6.91	93,438	8.90	114,658	10.26	131,918	13.01
95° F	-10° F	23,595	4.84	28,804	5.74	35,296	6.69	41,584	7.81
	0° F	29,951	5.32	36,561	6.41	44,738	7.46	52,714	8.85
	10° F	37,372	5.80	45,565	7.08	55,697	8.24	65,603	9.91
	20° F[6]	45,901	6.26	55,667	7.76	68,270	9.01	79,388	10.99
	25° F	50,600	6.48	60,904	8.09	74,879	9.39	86,808	11.53
	30° F	55,627	6.70	66,447	8.41	81,701	9.77	94,563	12.08
	45° F[6]	71,479	7.29	84,570	9.35	104,366	10.85	120,111	13.72
105° F	-10° F	21,078	4.95	25,604	5.85	31,522	6.85	36,978	7.99
	0° F	26,696	5.47	32,460	6.57	39,936	7.69	46,967	9.10
	10° F	33,270	5.99	40,396	7.30	49,688	8.53	58,489	10.24
	20° F	40,823	6.49	49,497	8.03	60,925	9.37	71,194	11.41
	25° F	44,985	6.74	54,350	8.38	67,119	9.79	77,925	12.00
	30° F	49,445	6.97	59,313	8.74	73,371	10.19	-	-
	45° F	63,880	7.63	-	-	-	-	-	-
115° F	-10° F	18,482	5.02	22,324	5.92	27,694	6.97	32,443	8.12
	0° F	23,381	5.58	28,332	6.69	35,070	7.87	41,206	9.31
	10° F	29,077	6.14	-	-	43,655	8.78	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NSB10M4	NSB12M4	NSB15M4	NSB20M4
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	58.7	70.8	85.1	98.9
	230 V	53.6	64.6	78.0	90.4
	460 V	26.8	32.3	39.0	45.2
	575 V	21.2	25.6	30.7	35.7
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	56	83	83	82
	w/ Flood Control[3]	87	124	124	144
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,503	1,586	1,797	1,842
Unit Operating Weight - Approximate (lbs.)[7]		1,458	1,574	1,786	1,831

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	46,725	7.31	56,699	8.78	64,638	10.71	78,307	12.57
	0° F	59,809	8.31	72,100	10.02	83,183	12.11	99,738	14.20
	10° F	74,679	9.34	89,014	11.32	104,606	13.56	124,108	15.89
	20° F	90,609	10.40	107,438	12.66	127,864	15.03	150,309	17.63
	25° F	99,195	10.94	117,338	13.35	140,286	15.78	164,549	18.51
	30° F	108,016	11.50	127,481	14.05	153,272	16.54	179,220	19.41
	45° F	137,092	13.16	160,770	16.18	195,777	18.82	227,258	22.14
95° F	-10° F	41,578	7.45	50,641	8.99	57,405	10.87	70,041	12.87
	0° F	53,389	8.53	64,573	10.33	74,108	12.40	89,384	14.63
	10° F	67,073	9.65	80,107	11.73	93,553	13.97	111,727	16.46
	20° F[6]	81,629	10.80	96,835	13.18	115,088	15.59	135,872	18.35
	25° F	89,461	11.39	105,832	13.93	126,444	16.41	148,698	19.32
	30° F	97,628	11.98	115,191	14.68	138,326	17.23	162,080	20.30
	45° F[6]	124,248	13.79	-	-	177,312	19.74	206,265	23.28
105° F	-10° F	36,530	7.56	44,729	9.18	50,329	11.00	61,972	13.14
	0° F	47,075	8.71	57,094	10.60	65,268	12.63	79,172	15.02
	10° F	59,298	9.92	71,341	12.10	82,593	14.33	99,219	16.99
	20° F	72,691	11.16	86,383	13.66	102,388	16.08	121,306	19.03
	25° F	79,764	11.79	-	-	112,672	16.97	132,880	20.08
	30° F	-	-	-	-	123,620	17.86	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	31,613	7.64	38,855	9.34	43,404	11.07	53,957	13.38
	0° F	40,858	8.86	-	-	56,514	12.81	69,087	15.38
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NSB22M4	NSB25M4	NSB30M4	NSB33M4
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	105.0	131.2	153.0	168.8
	230 V	95.9	120.0	139.8	154.1
	460 V	48.0	60.0	69.9	77.0
	575 V	37.9	47.3	55.2	60.9
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		2	3	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	92	102	129	139
	w/ Flood Control[3]	152	184	210	259
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,100	2,300	2,318	2,642
Unit Operating Weight - Approximate (lbs.)[7]		2,088	2,288	2,307	2,688

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	89,249	13.96	107,302	17.35	122,368	19.65	132,416	20.67
	0° F	113,512	15.69	135,822	19.33	154,175	22.00	168,634	23.19
	10° F	141,409	17.46	168,617	21.36	189,673	24.44	210,460	25.72
	20° F	171,042	19.28	204,345	23.43	227,386	26.95	256,291	28.23
	25° F	186,760	20.22	223,206	24.47	247,541	28.22	280,398	29.49
	30° F	203,331	21.17	242,866	25.54	268,729	29.51	305,904	30.73
	45° F	256,948	24.11	307,202	28.77	336,366	33.48	388,759	34.40
95° F	-10° F	79,879	14.25	96,538	17.76	110,205	20.10	118,477	21.10
	0° F	101,852	16.13	122,417	19.90	138,785	22.64	151,518	23.85
	10° F	127,179	18.06	152,022	22.12	171,433	25.25	189,520	26.62
	20° F[6]	154,655	20.07	185,148	24.38	205,820	27.94	232,153	29.38
	25° F	169,230	21.09	202,372	25.53	224,087	29.32	254,630	30.75
	30° F	184,420	22.13	220,593	26.68	243,316	30.70	277,835	32.12
	45° F[6]	233,615	25.35	279,204	30.23	305,055	34.94	354,715	36.14
105° F	-10° F	70,459	14.44	85,800	18.06	97,854	20.45	104,574	21.39
	0° F	90,202	16.47	108,935	20.37	123,385	23.15	134,295	24.36
	10° F	112,962	18.57	135,459	22.76	152,463	25.94	168,772	27.35
	20° F	138,323	20.75	165,743	25.21	183,908	28.81	208,044	30.36
	25° F	151,555	21.85	181,506	26.45	200,264	30.27	228,672	31.85
	30° F	165,351	22.98	198,033	27.70	-	-	249,885	33.34
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	61,140	14.53	75,025	18.26	85,628	20.69	90,831	21.52
	0° F	78,668	16.71	95,499	20.73	107,890	23.54	117,242	24.71
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NSB35M4	NSB40M4	NSB50M4	NDB10M4
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA[1] per circuit	208 V	180.9	214.3	267.5	41.8
	230 V	165.0	195.6	244.2	38.4
	460 V	82.5	97.8	122.1	19.2
	575 V	65.3	77.3	96.5	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		3	4	5	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	6x36
Receiver Capacity 80% Full per circuit (lbs.)[2]		144	202	202	28
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	151	198	198	28
	w/ Flood Control[3]	259	332	332	49
Suction Connection per circuit - ODS (in.)[9]		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,647	3,104	3,226	2,592
Unit Operating Weight - Approximate (lbs.)[7]		2,693	3,217	3,338	2,355

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	155,194	24.51	180,232	29.03	217,838	36.07	52,088	9.39
	0° F	195,618	27.56	227,004	32.39	273,059	40.46	66,264	10.28
	10° F	240,334	30.67	280,498	35.82	332,563	44.96	82,807	11.14
	20° F	288,341	33.84	336,931	39.30	396,428	49.55	101,837	11.97
	25° F	314,196	35.43	366,886	41.06	430,492	51.85	112,322	12.37
	30° F	341,036	37.02	398,368	42.81	465,582	54.17	123,138	12.76
	45° F	427,684	41.82	500,559	48.04	577,661	61.13	157,846	13.83
95° F	-10° F	139,382	25.17	162,487	29.83	196,420	36.82	47,190	9.68
	0° F	176,109	28.45	204,592	33.48	246,149	41.54	59,902	10.65
	10° F	217,279	31.82	252,764	37.20	300,471	46.39	74,744	11.60
	20° F[6]	261,268	35.22	305,118	40.95	358,289	51.31	91,802	12.52
	25° F	284,841	36.94	332,254	42.86	388,904	53.79	101,200	12.97
	30° F	309,308	38.66	361,247	44.73	420,939	56.26	111,254	13.39
	45° F[6]	388,354	43.84	454,128	50.41	-	-	142,958	14.59
105° F	-10° F	123,642	25.66	144,731	30.46	174,723	37.34	42,155	9.89
	0° F	156,393	29.19	182,352	34.38	218,953	42.39	53,393	10.94
	10° F	193,896	32.79	225,296	38.37	268,560	47.56	66,540	11.98
	20° F	233,895	36.45	272,887	42.43	319,998	52.81	81,645	12.98
	25° F	255,164	38.29	297,587	44.47	-	-	89,970	13.47
	30° F	-	-	323,215	46.51	-	-	98,891	13.94
	45° F	-	-	-	-	-	-	127,760	15.26
115° F	-10° F	107,947	25.99	126,697	30.89	152,921	37.61	36,965	10.03
	0° F	-	-	159,835	35.08	-	-	46,762	11.16
	10° F	-	-	-	-	-	-	58,155	12.28

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NDB12M4	NDB16M4	NDB18M4	NDB20M4
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	42.6	47.9	58.1	58.7
	230 V	39.1	43.9	53.1	53.6
	460 V	19.5	21.9	26.6	26.8
	575 V	15.4	17.3	21.0	21.2
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	29	56	56	56
	w/ Flood Control[3]	53	87	87	87
Suction Connection per circuit - ODS (in.)[9]		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,655	2,763	2,760	3,028
Unit Operating Weight - Approximate (lbs.)[7]		2,418	2,612	2,608	2,876

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	63,977	11.18	78,092	12.98	92,514	15.21	93,450	14.62
	0° F	81,247	12.41	98,958	14.40	117,069	17.11	119,619	16.62
	10° F	101,249	13.65	123,194	15.82	145,090	19.05	149,358	18.68
	20° F	123,367	14.87	150,728	17.21	175,091	21.03	181,218	20.81
	25° F	134,975	15.48	165,022	17.90	191,297	22.03	198,390	21.89
	30° F	147,079	16.08	179,986	18.58	208,224	23.03	216,033	22.99
	45° F	186,877	17.80	229,316	20.53	263,836	26.01	274,183	26.32
95° F	-10° F	57,607	11.48	70,592	13.38	83,168	15.63	83,157	14.90
	0° F	73,122	12.82	89,476	14.93	105,428	17.70	106,779	17.06
	10° F	91,130	14.17	111,395	16.48	131,206	19.81	134,145	19.29
	20° F[6]	111,334	15.51	136,541	18.02	158,775	21.97	163,259	21.60
	25° F	121,808	16.17	149,758	18.78	173,616	23.06	178,923	22.78
	30° F	132,895	16.82	163,401	19.54	189,127	24.16	195,256	23.97
	45° F[6]	169,139	18.71	208,731	21.69	240,222	27.44	248,496	27.59
105° F	-10° F	51,208	11.70	63,044	13.70	73,956	15.97	73,059	15.11
	0° F	64,920	13.15	79,872	15.38	93,934	18.19	94,149	17.43
	10° F	80,793	14.60	99,375	17.07	116,978	20.48	118,595	19.83
	20° F	98,994	16.05	121,850	18.75	142,387	22.82	145,382	22.32
	25° F	108,700	16.76	134,237	19.57	155,851	24.00	159,529	23.59
	30° F	118,626	17.47	146,742	20.39	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	44,648	11.84	55,387	13.94	64,886	16.24	63,225	15.27
	0° F	56,664	13.38	70,139	15.74	82,412	18.61	81,717	17.73
	10° F	-	-	87,310	17.56	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NDB24M4	NDB30M4	NDB40M4	NDB44M4
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	70.8	85.1	98.9	105.0
	230 V	64.6	78.0	90.4	95.9
	460 V	32.3	39.0	45.2	48.0
	575 V	25.6	30.7	35.7	37.9
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	83	83	82	92
	w/ Flood Control[3]	124	124	144	152
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		3,194	3,617	3,705	4,222
Unit Operating Weight - Approximate (lbs.)[7]		3,108	3,532	3,620	4,137

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	113,398	17.57	129,275	21.42	156,615	25.14	178,499	27.93
	0° F	144,201	20.05	166,366	24.22	199,476	28.39	227,023	31.37
	10° F	178,027	22.64	209,213	27.12	248,216	31.78	282,817	34.92
	20° F	214,877	25.32	255,728	30.07	300,618	35.26	342,084	38.56
	25° F	234,675	26.69	280,573	31.56	329,099	37.02	373,520	40.44
	30° F	254,962	28.10	306,543	33.07	358,441	38.82	406,663	42.34
	45° F	321,539	32.36	391,553	37.64	454,517	44.27	513,896	48.23
95° F	-10° F	101,283	17.99	114,810	21.75	140,083	25.74	159,759	28.49
	0° F	129,146	20.66	148,215	24.79	178,768	29.25	203,704	32.25
	10° F	160,215	23.46	187,107	27.94	223,455	32.93	254,359	36.13
	20° F[6]	193,670	26.37	230,176	31.17	271,744	36.71	309,309	40.14
	25° F	211,665	27.85	252,889	32.81	297,396	38.64	338,460	42.18
	30° F	230,382	29.36	276,651	34.47	324,159	40.61	368,840	44.25
	45° F[6]	-	-	354,625	39.48	412,531	46.55	467,229	50.69
105° F	-10° F	89,458	18.36	100,658	21.99	123,945	26.27	140,917	28.87
	0° F	114,188	21.21	130,535	25.26	158,345	30.04	180,405	32.94
	10° F	142,683	24.20	165,186	28.65	198,438	33.98	225,925	37.14
	20° F	172,766	27.32	204,776	32.15	242,612	38.07	276,646	41.49
	25° F	-	-	225,344	33.93	265,760	40.16	303,110	43.71
	30° F	-	-	247,240	35.71	-	-	330,702	45.96
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	77,710	18.68	86,808	22.15	107,915	26.75	122,281	29.06
	0° F	-	-	113,029	25.62	138,173	30.75	157,335	33.42
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]			
		NDB50M4	NDB60M4	NDB66M4	NDB70M4
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	131.2	153.0	168.8	180.9
	230 V	120.0	139.8	154.1	165.0
	460 V	60.0	69.9	77.0	82.5
	575 V	47.3	55.2	60.9	65.3
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		6	6	6	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	102	129	139	151
	w/ Flood Control[3]	184	210	259	259
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		4,621	4,658	5,305	5,316
Unit Operating Weight - Approximate (lbs.)[7]		4,536	4,572	5,335	5,346

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	214,604	34.70	244,737	39.29	264,832	41.35	310,388	49.02
	0° F	271,643	38.66	308,351	44.01	337,268	46.38	391,236	55.12
	10° F	337,235	42.71	379,345	48.87	420,920	51.45	480,669	61.34
	20° F	408,689	46.85	454,773	53.89	512,582	56.46	576,681	67.68
	25° F	446,411	48.95	495,082	56.45	560,796	58.98	628,391	70.85
	30° F	485,732	51.07	537,459	59.02	611,808	61.45	682,071	74.05
	45° F	614,403	57.53	672,733	66.97	777,518	68.79	855,368	83.65
95° F	-10° F	193,076	35.51	220,411	40.21	236,954	42.20	278,764	50.33
	0° F	244,835	39.81	277,569	45.28	303,035	47.69	352,219	56.90
	10° F	304,043	44.24	342,866	50.51	379,041	53.24	434,559	63.63
	20° F[6]	370,296	48.76	411,640	55.88	464,306	58.76	522,535	70.45
	25° F	404,743	51.06	448,175	58.63	509,260	61.49	569,681	73.87
	30° F	441,186	53.36	486,633	61.39	555,670	64.24	618,617	77.32
	45° F[6]	558,408	60.46	610,111	69.89	709,429	72.29	776,708	87.68
105° F	-10° F	171,599	36.11	195,708	40.91	209,148	42.77	247,284	51.32
	0° F	217,870	40.75	246,769	46.30	268,590	48.71	312,787	58.38
	10° F	270,919	45.53	304,926	51.88	337,544	54.71	387,792	65.58
	20° F	331,487	50.42	367,815	57.61	416,088	60.72	467,791	72.89
	25° F	363,013	52.91	400,528	60.55	457,345	63.70	510,327	76.57
	30° F	396,066	55.40	-	-	499,770	66.69	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	150,049	36.52	171,256	41.37	181,663	43.04	215,894	51.97
	0° F	190,998	41.46	215,780	47.08	234,485	49.42	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - Medium Temp		Model Numbers[5, 8]	
		NDB80M4	NDB100M4
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA[1] per circuit	208 V	214.3	267.5
	230 V	195.6	244.2
	460 V	97.8	122.1
	575 V	77.3	96.5
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		8	10
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	198	198
	w/ Flood Control[3]	332	332
Suction Connection per circuit - ODS (in.)[9]		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,240	6,485
Unit Operating Weight - Approximate (lbs.)[7]		6,403	6,648

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.				
85° F	-10° F	360,463	58.05	435,676	72.13
	0° F	454,009	64.79	546,118	80.93
	10° F	560,996	71.65	665,126	89.91
	20° F	673,863	78.61	792,856	99.09
	25° F	733,772	82.13	860,984	103.70
	30° F	796,736	85.63	931,165	108.34
	45° F	1,001,117	96.08	1,155,323	122.26
95° F	-10° F	324,974	59.66	392,839	73.64
	0° F	409,185	66.96	492,298	83.09
	10° F	505,528	74.40	600,942	92.78
	20° F[6]	610,236	81.90	716,577	102.62
	25° F	664,509	85.72	777,808	107.58
	30° F	722,494	89.47	841,877	112.52
	45° F[6]	908,256	100.81	-	-
105° F	-10° F	289,462	60.91	349,446	74.67
	0° F	364,703	68.75	437,906	84.78
	10° F	450,593	76.75	537,120	95.12
	20° F	545,774	84.86	639,995	105.63
	25° F	595,175	88.93	-	-
	30° F	646,431	93.02	-	-
	45° F	-	-	-	-
115° F	-10° F	253,394	61.78	305,842	75.21
	0° F	125,517	17.78	22,123	7.10
	10° F	140,916	18.51	26,285	7.66

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NSB05H4	NSB06H4	NSB08H4	NSB09H4
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	41.8	42.6	52.5	62.7
	230 V	38.4	39.1	48.5	57.7
	460 V	19.2	19.5	24.2	28.8
	575 V	15.1	15.4	18.9	22.6
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	41	41	57	60
	w/ Flood Control[3]	72	86	98	100
Suction Connection per circuit - ODS (in.)[9]		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,350	1,500	1,598	1,732
Unit Operating Weight - Approximate (lbs.)[7]		1,305	1,455	1,554	1,687

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	26,376	4.66	32,816	5.51	40,007	7.49	47,788	8.58
	0° F	33,657	5.08	41,925	6.08	50,969	8.15	60,864	9.45
	10° F	42,227	5.48	52,622	6.64	63,851	8.78	76,201	10.30
	20° F	52,153	5.87	65,031	7.17	78,774	9.38	93,947	11.14
	25° F	57,669	6.04	71,902	7.42	87,072	9.67	103,783	11.54
	30° F	63,542	6.22	79,214	7.66	95,919	9.94	114,264	11.94
	45° F	83,279	6.67	103,236	8.33	125,776	10.67	147,798	13.06
95° F	-10° F	23,951	4.81	29,663	5.68	36,284	7.71	43,118	8.81
	0° F	30,513	5.28	37,916	6.31	46,245	8.44	55,031	9.78
	10° F	38,221	5.73	47,570	6.94	57,951	9.15	69,017	10.73
	20° F[6]	47,173	6.16	58,769	7.53	71,516	9.84	85,218	11.68
	25° F	52,154	6.36	64,996	7.82	79,096	10.16	94,242	12.14
	30° F	57,457	6.56	71,623	8.10	87,181	10.48	103,865	12.59
	45° F[6]	75,496	7.09	93,764	8.88	114,784	11.35	135,218	13.90
105° F	-10° F	21,435	4.93	26,461	5.81	32,502	7.89	38,507	9.01
	0° F	27,265	5.44	33,827	6.50	41,449	8.69	49,256	10.06
	10° F	34,132	5.94	42,429	7.19	51,969	9.48	61,843	11.12
	20° F	42,077	6.42	52,460	7.85	64,222	10.24	76,563	12.16
	25° F	46,524	6.64	58,049	8.17	71,030	10.61	84,712	12.68
	30° F	51,260	6.86	64,000	8.48	78,356	10.97	93,483	13.19
	45° F	67,411	7.46	84,290	9.37	103,359	11.97	122,708	14.67
115° F	-10° F	18,853	5.01	23,194	5.90	28,657	8.03	33,889	9.16
	0° F	23,946	5.56	29,661	6.64	36,577	8.90	43,458	10.30
	10° F	29,941	6.10	37,245	7.39	45,947	9.76	54,737	11.45
	20° F	36,916	6.62	46,066	8.12	56,840	10.60	67,923	12.60
	25° F	40,834	6.87	51,019	8.47	62,934	11.01	-	-
	30° F	45,011	7.12	56,298	8.82	69,511	11.40	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NSB10H4	NSB12H4	NSB15H4	NSB20H4
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	63.3	75.4	89.7	108.1
	230 V	58.2	69.2	82.6	99.6
	460 V	29.1	34.6	41.3	49.8
	575 V	22.8	27.2	32.3	38.9
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		2	2	3	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	68	99	100	110
	w/ Flood Control[3]	129	181	181	230
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,934	2,057	2,154	2,476
Unit Operating Weight - Approximate (lbs.)[7]		1,889	2,046	2,142	2,522

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	49,258	8.29	59,932	9.69	67,281	11.70	82,236	14.53
	0° F	63,698	9.18	77,022	10.79	87,159	12.99	105,742	15.97
	10° F	80,735	10.06	97,214	11.87	110,614	14.28	133,571	17.39
	20° F	100,538	10.91	120,581	12.93	137,873	15.53	165,958	18.77
	25° F	111,583	11.31	133,597	13.45	152,968	16.15	183,976	19.43
	30° F	123,374	11.71	147,579	13.94	169,187	16.75	203,219	20.08
	45° F	163,353	12.83	193,783	15.36	222,766	18.45	269,043	21.87
95° F	-10° F	44,017	8.46	53,740	9.94	59,936	11.90	73,839	14.87
	0° F	57,142	9.44	69,303	11.14	77,977	13.32	95,272	16.46
	10° F	72,652	10.42	87,669	12.35	99,300	14.76	120,536	18.06
	20° F[6]	90,710	11.39	109,029	13.55	124,123	16.18	150,077	19.63
	25° F	100,760	11.86	120,863	14.15	137,937	16.88	166,598	20.40
	30° F	111,579	12.32	133,589	14.73	152,810	17.57	184,263	21.15
	45° F[6]	148,567	13.63	176,782	16.38	202,856	19.55	244,698	23.28
105° F	-10° F	38,870	8.59	47,686	10.15	52,687	12.05	65,632	15.17
	0° F	50,683	9.67	61,682	11.46	68,880	13.60	84,860	16.91
	10° F	64,671	10.75	78,229	12.80	88,061	15.18	107,731	18.67
	20° F	80,991	11.83	97,509	14.13	110,545	16.76	134,457	20.43
	25° F	90,131	12.36	108,251	14.80	123,090	17.54	149,376	21.30
	30° F	99,993	12.88	119,829	15.45	136,504	18.32	165,476	22.15
	45° F	133,597	14.39	159,471	17.33	182,587	20.58	220,566	24.61
115° F	-10° F	33,808	8.69	41,713	10.34	45,637	12.15	57,476	15.44
	0° F	44,312	9.85	54,144	11.75	59,999	13.82	74,639	17.31
	10° F	56,784	11.04	68,878	13.20	77,060	15.54	94,951	19.23
	20° F	71,375	12.22	86,179	14.66	97,134	17.27	118,851	21.17
	25° F	79,613	12.81	95,846	15.39	108,422	18.13	132,293	22.13

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NSB22H4	NSB25H4	NSB30H4	NSB33H4
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	114.2	135.8	162.2	182.6
	230 V	105.1	124.6	149.0	167.9
	460 V	52.6	62.3	74.5	83.9
	575 V	41.1	48.9	58.4	65.7
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		4	4	5	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		144	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	122	156	175	188
	w/ Flood Control[3]	230	291	309	347
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,578	2,980	3,081	3,432
Unit Operating Weight - Approximate (lbs.)[7]		2,624	3,092	3,194	3,544

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	92,686	15.96	110,541	18.22	126,965	21.51	137,001	23.70
	0° F	118,675	17.52	140,719	20.04	161,212	23.66	175,470	26.00
	10° F	148,990	19.07	175,870	21.84	201,035	25.80	220,429	28.24
	20° F	183,891	20.59	216,420	23.62	246,736	27.93	272,305	30.38
	25° F	203,168	21.35	238,881	24.49	271,828	28.99	301,194	31.39
	30° F	223,806	22.09	262,766	25.35	298,632	30.04	331,772	32.40
	45° F	291,724	24.27	341,790	27.86	384,595	33.12	434,024	35.11
95° F	-10° F	83,220	16.31	99,841	18.68	114,787	22.06	122,996	24.21
	0° F	106,958	18.05	127,357	20.69	145,891	24.41	158,220	26.78
	10° F	134,650	19.79	159,400	22.71	182,035	26.77	199,421	29.29
	20° F[6]	166,543	21.53	196,387	24.72	223,500	29.15	247,003	31.73
	25° F	184,238	22.39	216,817	25.71	246,531	30.31	273,454	32.90
	30° F	203,062	23.25	238,703	26.69	270,786	31.50	301,849	34.03
	45° F[6]	266,685	25.77	312,225	29.59	350,877	34.95	397,437	37.22
105° F	-10° F	73,819	16.55	89,061	19.04	102,550	22.48	108,991	24.58
	0° F	95,299	18.47	113,877	21.24	130,478	25.02	140,945	27.39
	10° F	120,263	20.41	142,783	23.46	162,927	27.60	178,368	30.18
	20° F	149,270	22.34	176,183	25.69	200,331	30.20	221,836	32.89
	25° F	165,256	23.32	194,730	26.80	220,967	31.49	245,853	34.21
	30° F	182,415	24.28	214,640	27.89	242,868	32.79	271,668	35.50
	45° F	240,908	27.15	281,807	31.16	316,998	36.60	359,954	39.14
115° F	-10° F	64,351	16.70	78,212	19.29	90,104	22.78	94,999	24.78
	0° F	83,534	18.78	100,292	21.67	114,778	25.52	123,654	27.85
	10° F	105,951	20.91	126,161	24.09	143,610	28.30	157,281	30.90
	20° F	131,961	23.05	155,983	26.53	176,753	31.11	196,445	33.88
	25° F	146,381	24.12	172,666	27.74	195,161	32.52	218,217	35.35
	30° F	161,732	25.20	190,427	28.96	-	-	241,681	36.78
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NSB35H4	NSB40H4	NSB50H4	NDB10H4
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA[1] per circuit	208 V	194.7	223.5	272.1	41.8
	230 V	178.8	204.8	248.8	38.4
	460 V	89.4	102.4	124.4	19.2
	575 V	70.1	80.5	98.1	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		6	6	6	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202	202	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	188	209	209	41
	w/ Flood Control[3]	347	370	370	72
Suction Connection per circuit - ODS (in.)[9]		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		3,440	3,466	3,512	2,721
Unit Operating Weight - Approximate (lbs.)[7]		3,552	3,579	3,625	2,569

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	161,155	27.35	183,459	30.96	221,503	36.92	52,752	9.32
	0° F	204,631	30.11	231,905	34.18	278,747	41.15	67,315	10.16
	10° F	255,155	32.85	287,698	37.42	344,092	45.44	84,454	10.97
	20° F	313,299	35.51	351,433	40.63	413,726	49.76	104,307	11.73
	25° F	345,339	36.82	385,668	42.22	450,563	51.92	115,338	12.09
	30° F	379,345	38.11	420,292	43.80	488,739	54.08	127,083	12.43
	45° F	486,479	41.78	533,535	48.46	613,519	60.43	166,558	13.34
95° F	-10° F	145,345	28.11	165,659	31.83	200,050	37.75	47,902	9.62
	0° F	185,063	31.15	209,630	35.33	251,637	42.34	61,026	10.56
	10° F	231,060	34.18	260,181	38.87	310,463	47.00	76,441	11.46
	20° F[6]	284,005	37.16	317,921	42.39	374,516	51.69	94,346	12.32
	25° F	313,302	38.61	349,410	44.16	408,291	54.02	104,307	12.73
	30° F	344,407	40.05	381,625	45.90	442,796	56.37	114,914	13.12
	45° F[6]	444,773	44.19	485,135	51.05	555,724	63.28	150,992	14.18
105° F	-10° F	129,472	28.72	147,988	32.51	178,446	38.33	42,870	9.86
	0° F	165,268	32.03	187,205	36.32	224,594	43.27	54,530	10.88
	10° F	206,864	35.34	232,518	40.15	276,751	48.29	68,264	11.87
	20° F	254,822	38.61	284,287	43.99	335,569	53.33	84,155	12.83
	25° F	281,164	40.24	312,507	45.91	365,357	55.87	93,048	13.29
	30° F	309,385	41.83	342,610	47.81	396,718	58.38	102,520	13.72
	45° F	402,163	46.45	436,801	53.44	-	-	134,821	14.93
115° F	-10° F	113,611	29.15	129,917	33.01	156,538	38.67	37,706	10.01
	0° F	145,484	32.73	164,664	37.10	197,238	43.94	47,892	11.12
	10° F	182,521	36.33	204,570	41.25	-	-	59,882	12.20
	20° F	225,271	39.91	-	-	-	-	73,832	13.25
	25° F	-	-	-	-	-	-	81,668	13.75
	30° F	-	-	-	-	-	-	90,021	14.23
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NDB12H4	NDB16H4	NDB18H4	NDB20H4
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	42.6	52.5	62.7	63.3
	230 V	39.1	48.5	57.7	58.2
	460 V	19.5	24.2	28.8	29.1
	575 V	15.4	18.9	22.6	22.8
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	41	57	60	68
	w/ Flood Control[3]	86	98	100	129
Suction Connection per circuit - ODS (in.)[9]		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,020	3,218	3,484	3,890
Unit Operating Weight - Approximate (lbs.)[7]		2,868	3,066	3,333	3,739

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	65,632	11.02	80,015	14.98	95,575	17.16	98,517	16.59
	0° F	83,850	12.16	101,938	16.29	121,728	18.89	127,395	18.36
	10° F	105,244	13.27	127,702	17.56	152,402	20.61	161,470	20.11
	20° F	130,063	14.33	157,547	18.76	187,894	22.27	201,077	21.81
	25° F	143,805	14.84	174,145	19.33	207,566	23.08	223,165	22.63
	30° F	158,429	15.33	191,838	19.88	228,527	23.88	246,749	23.42
	45° F	206,472	16.66	251,551	21.34	295,596	26.12	326,706	25.66
95° F	-10° F	59,326	11.37	72,567	15.42	86,236	17.63	88,034	16.91
	0° F	75,833	12.63	92,490	16.88	110,061	19.55	114,284	18.88
	10° F	95,141	13.87	115,902	18.30	138,034	21.47	145,304	20.85
	20° F[6]	117,538	15.07	143,032	19.68	170,437	23.36	181,419	22.78
	25° F	129,991	15.64	158,192	20.33	188,484	24.28	201,521	23.73
	30° F	143,246	16.20	174,363	20.96	207,730	25.19	223,157	24.65
	45° F[6]	187,528	17.76	229,568	22.70	270,436	27.79	297,135	27.27
105° F	-10° F	52,922	11.63	65,004	15.79	77,014	18.02	77,739	17.18
	0° F	67,654	13.01	82,898	17.38	98,512	20.11	101,366	19.33
	10° F	84,858	14.37	103,938	18.96	123,686	22.23	129,342	21.50
	20° F	104,920	15.70	128,443	20.49	153,126	24.33	161,983	23.66
	25° F	116,098	16.34	142,059	21.23	169,424	25.37	180,262	24.72
	30° F	128,001	16.97	156,712	21.94	186,965	26.38	199,986	25.76
	45° F	168,580	18.73	206,717	23.95	245,417	29.33	267,194	28.78
115° F	-10° F	46,387	11.80	57,313	16.07	67,778	18.33	67,617	17.38
	0° F	59,322	13.29	73,154	17.80	86,916	20.60	88,625	19.71
	10° F	74,489	14.78	91,893	19.51	109,474	22.90	113,568	22.07
	20° F	92,132	16.23	113,679	21.20	135,845	25.19	142,750	24.45
	25° F	102,038	16.94	125,868	22.01	-	-	159,225	25.62
	30° F	112,597	17.63	139,021	22.81	-	-	176,872	26.78
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NDB24H4	NDB30H4	NDB40H4	NDB44H4
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	75.4	89.7	108.1	114.2
	230 V	69.2	82.6	99.6	105.1
	460 V	34.6	41.3	49.8	52.6
	575 V	27.2	32.3	38.9	41.1
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		4	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	99	100	110	122
	w/ Flood Control[3]	181	181	230	230
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,130	4,329	4,971	5,177
Unit Operating Weight - Approximate (lbs.)[7]		4,045	4,244	5,001	5,207

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	119,864	19.38	134,562	23.40	164,472	29.06	185,372	31.93
	0° F	154,044	21.57	174,319	25.99	211,484	31.95	237,351	35.04
	10° F	194,427	23.74	221,228	28.55	267,142	34.78	297,979	38.13
	20° F	241,162	25.87	275,746	31.07	331,916	37.53	367,781	41.19
	25° F	267,193	26.89	305,936	32.30	367,952	38.86	406,337	42.69
	30° F	295,157	27.89	338,373	33.50	406,438	40.16	447,612	44.17
	45° F	387,565	30.72	445,532	36.90	538,087	43.75	583,448	48.53
95° F	-10° F	107,479	19.87	119,872	23.79	147,677	29.73	166,441	32.62
	0° F	138,606	22.28	155,955	26.65	190,543	32.92	213,916	36.09
	10° F	175,339	24.71	198,600	29.51	241,072	36.12	269,300	39.58
	20° F[6]	218,059	27.11	248,245	32.36	300,154	39.27	333,087	43.06
	25° F	241,725	28.29	275,875	33.76	333,196	40.80	368,477	44.78
	30° F	267,177	29.45	305,619	35.13	368,526	42.30	406,124	46.50
	45° F[6]	353,563	32.75	405,713	39.10	489,397	46.57	533,370	51.53
105° F	-10° F	95,371	20.30	105,374	24.09	131,263	30.33	147,638	33.11
	0° F	123,363	22.93	137,761	27.20	169,720	33.82	190,597	36.93
	10° F	156,457	25.60	176,122	30.36	215,462	37.34	240,526	40.81
	20° F	195,019	28.27	221,089	33.52	268,914	40.86	298,540	44.69
	25° F	216,501	29.59	246,181	35.08	298,752	42.60	330,512	46.63
	30° F	239,657	30.89	273,007	36.63	330,952	44.30	364,830	48.56
	45° F	318,942	34.67	365,174	41.15	441,131	49.22	481,817	54.29
115° F	-10° F	83,426	20.67	91,275	24.29	114,953	30.87	128,702	33.40
	0° F	108,289	23.50	119,998	27.64	149,278	34.62	167,067	37.57
	10° F	137,755	26.40	154,121	31.07	189,902	38.47	211,902	41.81
	20° F	172,357	29.32	194,267	34.53	237,703	42.34	263,923	46.09
	25° F	191,692	30.78	216,843	36.25	264,585	44.26	292,762	48.24
	30° F	212,377	32.23	241,023	37.97	293,685	46.16	323,463	50.40
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]			
		NDB50H4	NDB60H4	NDB66H4	NDB70H4
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	135.8	162.2	182.6	194.7
	230 V	124.6	149.0	167.9	178.8
	460 V	62.3	74.5	83.9	89.4
	575 V	48.9	58.4	65.7	70.1
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		8	10	12	12
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	156	175	168	188
	w/ Flood Control[3]	291	309	347	347
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		5,993	6,194	6,897	6,913
Unit Operating Weight - Approximate (lbs.)[7]		6,156	6,357	7,060	7,076

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	221,083	36.44	253,929	43.03	274,003	47.40	322,311	54.70
	0° F	281,438	40.08	322,424	47.31	350,941	52.01	409,262	60.22
	10° F	351,740	43.69	402,070	51.59	440,858	56.48	510,311	65.69
	20° F	432,839	47.24	493,472	55.85	544,609	60.77	626,599	71.03
	25° F	477,762	48.97	543,655	57.98	602,389	62.79	690,678	73.64
	30° F	525,531	50.70	597,264	60.07	663,544	64.79	758,689	76.22
	45° F	683,580	55.72	769,191	66.24	868,049	70.21	972,957	83.56
95° F	-10° F	199,683	37.36	229,573	44.11	245,991	48.43	290,690	56.23
	0° F	254,715	41.39	291,781	48.81	316,441	53.56	370,125	62.29
	10° F	318,801	45.43	364,070	53.55	398,842	58.58	462,120	68.35
	20° F[6]	392,774	49.44	446,999	58.29	494,006	63.45	568,009	74.31
	25° F	433,633	51.43	493,063	60.63	546,907	65.79	626,604	77.23
	30° F	477,407	53.39	541,572	62.99	603,698	68.05	688,814	80.11
	45° F[6]	624,449	59.18	701,753	69.90	794,873	74.45	889,545	88.38
105° F	-10° F	178,122	38.08	205,099	44.95	217,982	49.15	258,944	57.44
	0° F	227,755	42.48	260,956	50.05	281,890	54.79	330,536	64.06
	10° F	285,565	46.93	325,853	55.21	356,736	60.35	413,728	70.68
	20° F	352,366	51.38	400,661	60.39	443,672	65.77	509,644	77.23
	25° F	389,461	53.60	441,934	62.98	491,705	68.42	562,328	80.47
	30° F	429,280	55.78	485,736	65.58	543,336	71.00	618,770	83.66
	45° F	563,614	62.32	633,996	73.21	719,908	78.27	804,327	92.91
115° F	-10° F	156,424	38.58	180,208	45.57	189,998	49.57	227,221	58.30
	0° F	200,584	43.34	229,556	51.03	247,308	55.70	290,968	65.46
	10° F	252,321	48.17	287,220	56.60	314,562	61.79	365,041	72.66
	20° F	311,966	53.06	353,506	62.22	392,891	67.77	450,542	79.81
	25° F	345,332	55.48	390,323	65.03	436,435	70.70	-	-
	30° F	380,855	57.92	-	-	483,361	73.55	-	-
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-404a - High Temp		Model Numbers[5, 8]	
		NDB80H4	NDB100H4
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA[1] per circuit	208 V	223.5	272.1
	230 V	204.8	248.8
	460 V	102.4	124.4
	575 V	80.5	98.1
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		12	12
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	209	209
	w/ Flood Control[3]	370	370
Suction Connection per circuit - ODS (in.)[9]		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,966	7,056
Unit Operating Weight - Approximate (lbs.)[7]		7,129	7,220

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.				
85° F	-10° F	366,918	61.93	443,005	73.84
	0° F	463,809	68.36	557,493	82.30
	10° F	575,395	74.83	688,184	90.88
	20° F	702,866	81.27	827,451	99.52
	25° F	771,336	84.44	901,126	103.84
	30° F	840,584	87.60	977,477	108.17
	45° F	1,067,071	96.92	1,227,038	120.86
95° F	-10° F	331,319	63.66	400,099	75.50
	0° F	419,260	70.66	503,274	84.68
	10° F	520,361	77.74	620,926	94.00
	20° F[6]	635,843	84.79	749,031	103.38
	25° F	698,821	88.32	816,583	108.04
	30° F	763,250	91.80	885,592	112.74
	45° F[6]	970,269	102.10	1,111,448	126.56
105° F	-10° F	295,976	65.02	356,893	76.66
	0° F	374,410	72.64	449,189	86.53
	10° F	465,036	80.31	553,501	96.58
	20° F	568,575	87.98	671,138	106.67
	25° F	625,013	91.82	730,715	111.73
	30° F	685,219	95.63	793,436	116.76
	45° F	873,603	106.89	-	-
115° F	-10° F	259,833	66.01	313,075	77.33
	0° F	329,329	74.20	394,476	87.88
	10° F	409,141	82.49	-	-
	20° F	-	-	-	-
	25° F	-	-	-	-
	30° F	-	-	-	-
	45° F	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NSB03L7	NSB04L7	NSB05L7	NSB06L7
Compressor Model Number		4FES-3	4EES-4	4DES-5	4VE(S)-7
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	28.0	31.0	35.5	39.3
	230 V	25.9	28.6	32.6	36.1
	460 V	12.9	14.3	16.3	18.0
	575 V	10.1	11.2	12.8	14.2
Compressor RLA (each)	208 V	17.9	20.3	23.9	27.0
	230 V	16.2	18.4	21.6	24.4
	460 V	8.1	9.2	10.8	12.2
	575 V	6.5	7.4	8.6	9.8
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	28	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	28	28	28	28
	w/ Flood Control[3]	48	49	49	49
Suction Connection per circuit - ODS (in.)[9]		1 3/8	1 3/8	1 5/8	1 5/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		1,266	1,275	1,281	1,410
Unit Operating Weight - Approximate (lbs.)[7]		1,179	1,188	1,194	1,322

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	11,500	3.35	14,380	3.85	17,029	4.40	18,688	4.51
	-30° F	15,634	3.79	19,653	4.43	23,258	5.08	26,390	5.39
	-20° F	20,655	4.24	25,915	5.04	30,364	5.81	35,213	6.35
	-10° F	26,518	4.72	33,096	5.68	38,577	6.58	45,241	7.41
	0° F	33,293	5.19	41,358	6.33	47,899	7.38	56,500	8.55
95° F	-40° F[6]	10,356	3.37	12,828	3.88	15,188	4.43	16,150	4.46
	-30° F	14,164	3.85	17,711	4.50	20,905	5.16	23,267	5.39
	-20° F	18,719	4.35	23,434	5.17	27,404	5.95	31,271	6.42
	-10° F	24,040	4.86	29,955	5.86	34,852	6.77	40,359	7.56
	0° F	30,119	5.38	37,380	6.57	43,273	7.64	50,535	8.78
105° F	-40° F	9,150	3.37	11,274	3.88	13,358	4.44	13,693	4.41
	-30° F	12,618	3.88	15,727	4.54	18,546	5.21	20,141	5.38
	-20° F	16,696	4.42	20,879	5.25	24,453	6.05	27,392	6.48
	-10° F	21,452	4.97	26,725	6.00	31,050	6.93	35,480	7.69
	0° F	26,859	5.54	33,341	6.77	38,604	7.86	44,623	9.00
115° F	-40° F	7,894	3.34	9,683	3.84	11,516	4.41	11,276	4.35
	-30° F	10,999	3.88	13,698	4.55	16,155	5.23	17,036	5.37
	-20° F	14,587	4.45	18,268	5.30	21,404	6.11	23,497	6.52
	-10° F	18,761	5.04	23,442	6.10	27,247	7.05	30,680	7.80
	0° F	23,482	5.65	29,197	6.93	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NSB08L7	NSB10L7	NSB12L7	NSB13L7
Compressor Model Number		4TE(S)-9	4PE(S)-12	4NE(S)-14	4JE-15
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	49.0	53.4	65.2	79.3
	230 V	44.8	48.8	59.9	72.7
	460 V	22.4	24.4	30.0	36.4
	575 V	17.7	19.3	23.5	28.6
Compressor RLA (each)	208 V	34.7	38.3	44.0	55.3
	230 V	31.4	34.6	39.8	50.0
	460 V	15.7	17.3	19.9	25.0
	575 V	12.6	13.8	15.9	20.0
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	37	40	57	60
	w/ Flood Control[3]	58	67	98	99
Suction Connection per circuit - ODS (in.)[9]		1 5/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,478	1,640	1,761	1,914
Unit Operating Weight - Approximate (lbs.)[7]		1,433	1,595	1,716	1,869

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	23,405	5.48	25,302	5.79	32,887	8.22	39,178	9.56
	-30° F	32,143	6.54	35,535	6.99	45,869	9.63	53,971	11.12
	-20° F	42,137	7.72	47,253	8.32	60,797	11.17	70,701	12.79
	-10° F	53,399	9.02	60,454	9.77	77,947	12.80	89,548	14.56
	0° F	65,793	10.44	75,132	11.34	97,529	14.53	110,628	16.44
95° F	-40° F[6]	20,476	5.47	21,680	5.65	28,636	8.12	34,358	9.51
	-30° F	28,539	6.58	31,129	6.92	40,607	9.63	48,146	11.17
	-20° F	37,568	7.83	41,779	8.34	54,274	11.28	63,422	12.95
	-10° F	47,707	9.22	53,676	9.88	69,846	13.04	80,583	14.86
	0° F	58,877	10.73	66,923	11.53	87,560	14.89	99,701	16.88
105° F	-40° F	17,553	5.44	18,183	5.47	24,480	7.94	29,651	9.40
	-30° F	24,924	6.60	26,838	6.80	35,311	9.54	42,321	11.15
	-20° F	33,060	7.92	36,340	8.29	47,741	11.29	56,175	13.05
	-10° F	42,073	9.38	46,978	9.91	61,701	13.16	71,626	15.08
	0° F	51,935	10.98	58,788	11.66	77,403	15.14	88,765	17.24
115° F	-40° F	14,681	5.40	14,808	5.24	20,358	7.67	25,040	9.22
	-30° F	21,304	6.61	22,578	6.62	30,073	9.35	36,400	11.06
	-20° F	28,480	7.99	30,994	8.18	41,135	11.20	48,863	13.07
	-10° F	-	-	-	-	53,428	13.19	62,455	15.22
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NSB15L7	NSB20L7	NSB22L7	NSB25L7
Compressor Model Number		4HE-18	4GE-23	6JE-25	6HE-28
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	85.1	98.9	112.9	134.2
	230 V	78.0	90.4	103.6	122.8
	460 V	39.0	45.2	51.8	61.4
	575 V	30.7	35.7	40.7	48.4
Compressor RLA (each)	208 V	59.9	71.0	78.5	95.5
	230 V	54.2	64.2	71.0	86.4
	460 V	27.1	32.1	35.5	43.2
	575 V	21.7	25.7	28.4	34.6
Total Number of Condenser Fan Motors		2	2	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	67	76	76	111
	w/ Flood Control[3]	108	137	137	191
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,892	2,121	2,240	2,562
Unit Operating Weight - Approximate (lbs.)[7]		1,880	2,109	2,229	2,608

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	46,572	10.97	56,404	12.58	58,913	13.89	70,366	15.99
	-30° F	63,091	12.84	75,938	14.75	80,753	16.29	95,835	18.77
	-20° F	81,754	14.87	97,978	17.13	105,581	18.85	124,649	21.76
	-10° F	102,528	17.06	122,757	19.69	133,527	21.56	157,224	24.92
	0° F	125,320	19.42	150,134	22.45	164,911	24.38	193,771	28.23
95° F	-40° F[6]	41,345	10.98	50,515	12.67	51,855	13.80	62,356	15.99
	-30° F	56,615	12.95	68,605	14.97	72,128	16.37	86,043	18.96
	-20° F	73,559	15.10	88,697	17.49	94,818	19.12	112,372	22.16
	-10° F	92,325	17.44	110,961	20.23	120,316	22.02	142,041	25.56
	0° F	112,770	19.95	135,677	23.17	148,876	25.05	175,187	29.12
105° F	-40° F	36,064	10.92	44,677	12.71	44,886	13.61	54,381	15.85
	-30° F	50,034	12.98	61,203	15.11	63,485	16.34	76,135	19.01
	-20° F	65,265	15.26	79,259	17.77	83,967	19.27	99,922	22.43
	-10° F	81,963	17.72	99,058	20.66	106,953	22.37	126,604	26.06
	0° F	100,304	20.38	120,910	23.78	132,629	25.60	156,275	29.87
115° F	-40° F	30,875	10.79	38,886	12.68	37,970	13.33	46,408	15.59
	-30° F	43,551	12.95	53,810	15.18	54,650	16.21	65,992	18.93
	-20° F	56,953	15.33	69,661	17.96	73,116	19.31	87,343	22.55
	-10° F	-	-	-	-	93,406	22.60	111,002	26.41
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NSB30L7	NSB40L7	NDB06L7	NDB08L7
Compressor Model Number		6GE-34	6FE-44	4FES-3	4EES-4
Quantity of Compressors		1	1	2	2
MCA[1] per circuit	208 V	156.0	185.0	28.0	31.0
	230 V	142.9	169.2	25.9	28.6
	460 V	71.5	84.6	12.9	14.3
	575 V	56.2	66.7	10.1	11.2
Compressor RLA (each)	208 V	109.3	132.5	17.9	20.3
	230 V	98.8	119.8	16.2	18.4
	460 V	49.4	59.9	8.1	9.2
	575 V	39.5	47.9	6.5	7.4
Total Number of Condenser Fan Motors		4	4	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	10x60	6x36	6x36
Receiver Capacity 80% Full per circuit (lbs.)[2]		144	144	28	28
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	111	119	28	28
	w/ Flood Control[3]	191	220	48	49
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,628	3,034	2,553	2,571
Unit Operating Weight - Approximate (lbs.)[7]		2,674	3,080	2,316	2,334

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	86,866	20.40	102,299	23.92	23,056	6.69	28,760	7.71
	-30° F	115,331	23.61	137,874	27.81	31,375	7.56	39,306	8.86
	-20° F	147,631	27.10	178,179	31.96	41,478	8.47	51,829	10.09
	-10° F	184,020	30.86	223,484	36.33	53,500	9.40	66,192	11.36
	0° F	224,471	34.87	273,924	40.89	67,254	10.33	82,716	12.67
95° F	-40° F[6]	78,190	20.66	91,236	23.95	20,777	6.75	25,656	7.76
	-30° F	104,662	24.08	124,662	28.10	28,430	7.69	35,423	9.01
	-20° F	134,199	27.82	161,477	32.56	37,602	8.68	46,868	10.34
	-10° F	166,958	31.86	202,669	37.25	48,509	9.70	59,910	11.72
	0° F	203,282	36.16	248,441	42.12	60,931	10.73	74,761	13.15
105° F	-40° F	69,400	20.77	79,974	23.79	18,374	6.75	22,549	7.76
	-30° F	93,791	24.41	111,079	28.21	25,352	7.76	31,454	9.09
	-20° F	120,348	28.39	144,649	32.95	33,575	8.83	41,758	10.51
	-10° F	149,563	32.70	181,486	37.95	43,275	9.93	53,450	12.00
	0° F	181,717	37.30	221,968	43.16	54,366	11.04	66,683	13.54
115° F	-40° F	60,211	20.72	68,418	23.45	15,871	6.69	19,366	7.69
	-30° F	82,385	24.57	96,857	28.12	22,127	7.76	27,397	9.10
	-20° F	105,862	28.81	127,059	33.14	29,378	8.90	36,536	10.61
	-10° F	-	-	159,872	38.44	37,877	10.08	46,883	12.20
	0° F	-	-	-	-	47,635	11.28	58,394	13.85

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NDB10L7	NDB12L7	NDB16L7	NDB20L7
Compressor Model Number		4DES-5	4VE(S)-7	4TE(S)-9	4PE(S)-12
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	35.5	39.3	49.0	53.4
	230 V	32.6	36.1	44.8	48.8
	460 V	16.3	18.0	22.4	24.4
	575 V	12.8	14.2	17.7	19.3
Compressor RLA (each)	208 V	23.9	27.0	34.7	38.3
	230 V	21.6	24.4	31.4	34.6
	460 V	10.8	12.2	15.7	17.3
	575 V	8.6	9.8	12.6	13.8
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	28	28	37	40
	w/ Flood Control[3]	49	49	58	67
Suction Connection per circuit - ODS (in.)[9]		1 5/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,584	2,840	2,977	3,303
Unit Operating Weight - Approximate (lbs.)[7]		2,347	2,604	2,826	3,151

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	34,058	8.80	37,376	9.01	46,810	10.97	50,603	11.57
	-30° F	46,515	10.16	52,779	10.77	64,285	13.08	71,071	13.98
	-20° F	60,728	11.62	70,426	12.71	84,273	15.44	94,505	16.65
	-10° F	77,154	13.16	90,483	14.82	106,799	18.04	120,909	19.55
	0° F	95,799	14.76	112,999	17.10	131,587	20.88	150,265	22.68
95° F	-40° F[6]	30,375	8.86	32,301	8.92	40,953	10.93	43,360	11.31
	-30° F	41,809	10.32	46,534	10.78	57,078	13.16	62,258	13.85
	-20° F	54,808	11.89	62,541	12.85	75,135	15.67	83,559	16.67
	-10° F	69,705	13.55	80,717	15.11	95,415	18.43	107,351	19.75
	0° F	86,547	15.28	101,070	17.57	117,754	21.45	133,846	23.07
105° F	-40° F	26,716	8.87	27,387	8.81	35,106	10.88	36,367	10.95
	-30° F	37,092	10.42	40,282	10.77	49,848	13.21	53,675	13.60
	-20° F	48,905	12.09	54,784	12.96	66,120	15.84	72,680	16.57
	-10° F	62,101	13.87	70,960	15.38	84,145	18.77	93,955	19.82
	0° F	77,208	15.71	89,245	18.00	103,870	21.97	117,575	23.32
115° F	-40° F	23,032	8.83	22,553	8.70	29,363	10.79	29,617	10.48
	-30° F	32,309	10.45	34,072	10.74	42,609	13.21	45,156	13.25
	-20° F	42,809	12.22	46,994	13.05	56,961	15.98	61,987	16.35
	-10° F	54,493	14.10	61,359	15.60	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NDB24L7	NDB26L7	NDB30L7	NDB40L7
Compressor Model Number		4NE(S)-14	4JE-15	4HE-18	4GE-23
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	65.2	79.3	85.1	98.9
	230 V	59.9	72.7	78.0	90.4
	460 V	30.0	36.4	39.0	45.2
	575 V	23.5	28.6	30.7	35.7
Compressor RLA (each)	208 V	44.0	55.3	59.9	71.0
	230 V	39.8	50.0	54.2	64.2
	460 V	19.9	25.0	27.1	32.1
	575 V	15.9	20.0	21.7	25.7
Total Number of Condenser Fan Motors		4	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	57	60	67	78
	w/ Flood Control[3]	98	99	108	140
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,551	3,849	3,805	4,262
Unit Operating Weight - Approximate (lbs.)[7]		3,399	3,697	3,720	4,177

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	65,775	16.44	78,356	19.12	93,144	21.95	112,808	25.15
	-30° F	91,738	19.26	107,942	22.24	126,183	25.68	151,876	29.50
	-20° F	121,595	22.33	141,401	25.57	163,508	29.74	195,957	34.26
	-10° F	155,894	25.61	179,095	29.13	205,057	34.13	245,515	39.39
	0° F	195,059	29.05	221,256	32.88	250,641	38.84	300,269	44.91
95° F	-40° F[6]	57,273	16.25	68,717	19.02	82,690	21.95	101,029	25.35
	-30° F	81,214	19.26	96,292	22.34	113,229	25.89	137,210	29.94
	-20° F	108,548	22.55	126,845	25.91	147,117	30.20	177,394	34.98
	-10° F	139,692	26.07	161,167	29.72	184,650	34.87	221,922	40.46
	0° F	175,119	29.78	199,403	33.76	225,539	39.89	271,354	46.34
105° F	-40° F	48,961	15.89	59,301	18.79	72,127	21.83	89,354	25.42
	-30° F	70,621	19.07	84,643	22.30	100,067	25.97	122,407	30.22
	-20° F	95,482	22.57	112,351	26.10	130,529	30.51	158,519	35.53
	-10° F	123,401	26.33	143,252	30.16	163,926	35.45	198,116	41.33
	0° F	154,806	30.29	177,530	34.47	200,609	40.75	241,820	47.57
115° F	-40° F	40,717	15.34	50,079	18.44	61,750	21.59	77,772	25.35
	-30° F	60,145	18.70	72,801	22.12	87,101	25.90	107,619	30.35
	-20° F	82,269	22.39	97,726	26.14	113,907	30.66	139,322	35.92
	-10° F	106,856	26.37	124,910	30.45	-	-	-	-
	0° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Low Temp		Model Numbers[5, 8]			
		NDB44L7	NDB50L7	NDB60L7	NDB80L7
Compressor Model Number		6JE-25	6HE-28	6GE-34	6FE-44
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	112.9	134.2	156.0	185.0
	230 V	103.6	122.8	142.9	169.2
	460 V	51.8	61.4	71.5	84.6
	575 V	40.7	48.4	56.2	66.7
Compressor RLA (each)	208 V	78.5	95.5	109.3	132.5
	230 V	71.0	86.4	98.8	119.8
	460 V	35.5	43.2	49.4	59.9
	575 V	28.4	34.6	39.5	47.9
Total Number of Condenser Fan Motors		6	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	10x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	144	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	76	111	111	119
	w/ Flood Control[3]	137	191	191	220
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,502	5,145	5,277	6,100
Unit Operating Weight - Approximate (lbs.)[7]		4,417	5,175	5,307	6,129

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-40° F	117,826	27.77	140,732	31.99	173,732	40.81	204,599	47.84
	-30° F	161,507	32.57	191,670	37.55	230,662	47.22	275,748	55.62
	-20° F	211,162	37.70	249,297	43.51	295,262	54.21	356,358	63.91
	-10° F	267,055	43.12	314,448	49.84	368,040	61.73	446,967	72.66
	0° F	329,822	48.76	387,542	56.46	448,942	69.73	547,848	81.78
95° F	-40° F[6]	103,711	27.60	124,712	31.97	156,381	41.31	182,473	47.89
	-30° F	144,256	32.73	172,085	37.92	209,324	48.16	249,324	56.21
	-20° F	189,636	38.24	224,744	44.32	268,399	55.64	322,953	65.11
	-10° F	240,633	44.05	284,082	51.12	333,916	63.72	405,338	74.49
	0° F	297,752	50.11	350,375	58.25	406,564	72.32	496,882	84.24
105° F	-40° F	89,772	27.23	108,761	31.70	138,800	41.54	159,948	47.59
	-30° F	126,970	32.68	152,271	38.03	187,582	48.81	222,158	56.43
	-20° F	167,933	38.54	199,844	44.86	240,695	56.79	289,298	65.90
	-10° F	213,906	44.74	253,208	52.12	299,126	65.41	362,972	75.90
	0° F	265,257	51.21	312,549	59.75	363,434	74.60	443,937	86.31
115° F	-40° F	75,941	26.66	92,816	31.17	120,421	41.44	136,836	46.91
	-30° F	109,301	32.41	131,985	37.86	164,770	49.14	193,713	56.25
	-20° F	146,232	38.62	174,686	45.10	211,724	57.61	254,117	66.28

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NSB05M7	NSB06M7	NSB08M7	NSB09M7
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	41.8	42.6	47.9	58.1
	230 V	38.4	39.1	43.9	53.1
	460 V	19.2	19.5	21.9	26.6
	575 V	15.1	15.4	17.3	21.0
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	1	1
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	6x36	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	28	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	28	29	56	56
	w/ Flood Control[3]	49	53	87	87
Suction Connection per circuit - ODS (in.)[9]		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,286	1,317	1,371	1,370
Unit Operating Weight - Approximate (lbs.)[7]		1,198	1,229	1,326	1,325

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	26,826	4.68	32,950	5.57	40,245	6.46	47,705	7.57
	0° F	34,046	5.12	41,727	6.19	50,854	7.18	60,166	8.53
	10° F	42,410	5.56	51,837	6.81	63,118	7.89	74,137	9.51
	20° F	52,051	5.97	62,882	7.42	76,852	8.59	89,218	10.49
	25° F	57,328	6.17	68,674	7.72	84,007	8.93	97,282	10.99
	30° F	62,642	6.37	74,776	8.02	91,475	9.28	105,672	11.49
	45° F	79,990	6.90	94,419	8.88	116,082	10.25	133,028	12.99
95° F	-10° F	24,329	4.82	29,722	5.72	36,422	6.66	42,977	7.78
	0° F	30,786	5.31	37,587	6.39	45,951	7.44	54,176	8.82
	10° F	38,271	5.79	46,595	7.07	56,958	8.22	67,062	9.88
	20° F[6]	46,814	6.25	56,658	7.74	69,497	9.00	80,715	10.96
	25° F	51,496	6.47	61,828	8.07	76,061	9.37	88,008	11.50
	30° F	56,488	6.68	67,277	8.39	82,797	9.75	95,593	12.05
	45° F[6]	72,030	7.28	85,021	9.33	105,020	10.83	120,500	13.69
105° F	-10° F	21,749	4.93	26,442	5.83	32,549	6.83	38,229	7.96
	0° F	27,431	5.46	33,354	6.56	41,019	7.67	48,185	9.07
	10° F	34,005	5.98	41,251	7.28	50,723	8.51	59,617	10.21
	20° F	41,482	6.48	50,257	8.01	61,864	9.35	72,058	11.38
	25° F	45,623	6.72	54,890	8.36	67,913	9.76	78,566	11.97
	30° F	49,994	6.95	59,778	8.71	74,008	10.17	-	-
	45° F	64,058	7.61	-	-	-	-	-	-
	-10° F	19,069	5.01	23,086	5.90	28,582	6.95	33,475	8.09

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NSB10M7	NSB12M7	NSB15M7	NSB20M7
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	58.7	70.8	85.1	98.9
	230 V	53.6	64.6	78.0	90.4
	460 V	26.8	32.3	39.0	45.2
	575 V	21.2	25.6	30.7	35.7
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	56	83	83	82
	w/ Flood Control[3]	87	124	124	144
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,503	1,586	1,797	1,842
Unit Operating Weight - Approximate (lbs.)[7]		1,458	1,574	1,786	1,831

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	48,219	7.28	58,503	8.75	66,768	10.66	80,783	12.52
	0° F	61,504	8.28	74,129	9.99	85,554	12.07	102,542	14.15
	10° F	76,330	9.32	90,947	11.29	107,192	13.52	126,988	15.84
	20° F	92,231	10.38	109,415	12.63	130,395	15.00	153,187	17.59
	25° F	100,754	10.92	119,070	13.32	142,786	15.75	167,160	18.48
	30° F	109,596	11.47	129,352	14.01	155,691	16.50	181,883	19.37
	45° F	138,256	13.15	161,805	16.16	197,603	18.80	229,308	22.09
95° F	-10° F	42,974	7.42	52,368	8.96	59,406	10.83	72,418	12.82
	0° F	54,909	8.50	66,380	10.29	76,247	12.35	91,896	14.58
	10° F	68,577	9.62	81,785	11.70	95,744	13.93	114,353	16.41
	20° F[6]	82,915	10.78	98,373	13.15	117,173	15.54	138,007	18.31
	25° F	90,596	11.36	107,161	13.89	128,380	16.36	150,786	19.27
	30° F	98,695	11.96	116,402	14.64	140,049	17.19	164,076	20.25
	45° F[6]	124,558	13.78	-	-	178,209	19.70	206,870	23.22
105° F	-10° F	37,834	7.53	46,233	9.15	52,158	10.96	64,054	13.09
	0° F	48,419	8.68	58,599	10.57	67,106	12.59	81,372	14.97
	10° F	60,454	9.89	72,557	12.07	84,384	14.29	101,104	16.95
	20° F	73,547	11.13	87,366	13.62	103,900	16.03	122,694	18.99
	25° F	80,498	11.76	-	-	113,904	16.92	134,062	20.03
	30° F	-	-	-	-	124,509	17.81	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	32,731	7.61	40,154	9.31	44,990	11.04	55,763	13.33
	0° F	41,900	8.84	-	-	58,028	12.77	70,837	15.33
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NSB22M7	NSB25M7	NSB30M7	NSB33M7
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	105.0	131.2	153.0	168.8
	230 V	95.9	120.0	139.8	154.1
	460 V	48.0	60.0	69.9	77.0
	575 V	37.9	47.3	55.2	60.9
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		2	3	3	3
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	92	102	129	139
	w/ Flood Control[3]	152	184	210	259
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,100	2,300	2,318	2,642
Unit Operating Weight - Approximate (lbs.)[7]		2,088	2,288	2,307	2,688

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	92,092	13.91	110,561	17.29	126,164	19.57	136,554	20.60
	0° F	116,651	15.64	139,518	19.27	158,347	21.94	173,331	23.12
	10° F	144,705	17.41	172,642	21.30	193,910	24.37	215,574	25.65
	20° F	174,130	19.25	208,298	23.37	231,564	26.89	261,048	28.18
	25° F	189,979	20.18	227,128	24.42	251,566	28.17	285,407	29.43
	30° F	206,429	21.13	246,689	25.49	272,514	29.45	310,815	30.67
	45° F	259,503	24.07	310,253	28.72	339,075	33.40	393,206	34.34
95° F	-10° F	82,477	14.20	99,665	17.69	113,650	20.04	122,482	21.02
	0° F	104,678	16.08	125,748	19.85	142,629	22.57	155,770	23.77
	10° F	130,042	18.02	155,555	22.06	174,959	25.20	194,024	26.54
	20° F[6]	157,328	20.01	188,395	24.32	208,899	27.88	236,295	29.31
	25° F	171,473	21.04	205,408	25.47	227,074	29.24	258,202	30.69
	30° F	186,589	22.07	223,346	26.61	245,831	30.62	281,349	32.05
	45° F[6]	234,626	25.28	280,812	30.14	306,131	34.81	356,866	36.07
105° F	-10° F	72,894	14.39	88,648	18.00	101,048	20.39	108,241	21.31
	0° F	92,711	16.42	111,895	20.32	126,534	23.10	138,073	24.28
	10° F	115,279	18.52	138,228	22.71	155,261	25.89	172,291	27.28
	20° F	140,025	20.69	168,162	25.14	185,949	28.74	211,089	30.28
	25° F	152,855	21.80	183,463	26.38	201,992	30.20	230,813	31.78
	30° F	166,394	22.92	199,493	27.63	-	-	251,689	33.26
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	63,244	14.49	77,479	18.21	88,360	20.64	93,991	21.46
	0° F	80,637	16.67	97,834	20.69	110,439	23.50	120,338	24.65
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NSB35M7	NSB40M7	NSB50M7	NDB10M7
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA[1] per circuit	208 V	180.9	214.3	267.5	41.8
	230 V	165.0	195.6	244.2	38.4
	460 V	82.5	97.8	122.1	19.2
	575 V	65.3	77.3	96.5	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		3	4	5	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	6x36
Receiver Capacity 80% Full per circuit (lbs.)[2]		144	202	202	28
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	151	198	198	28
	w/ Flood Control[3]	259	332	332	49
Suction Connection per circuit - ODS (in.)[9]		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,647	3,104	3,226	2,592
Unit Operating Weight - Approximate (lbs.)[7]		2,693	3,217	3,338	2,355

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	159,960	24.42	185,627	28.93	224,526	35.93	53,653	9.36
	0° F	200,958	27.48	233,091	32.30	280,370	40.34	68,092	10.25
	10° F	245,724	30.59	286,878	35.73	339,490	44.86	84,820	11.12
	20° F	293,612	33.76	343,269	39.22	403,440	49.44	104,102	11.95
	25° F	319,254	35.36	373,085	40.98	437,108	51.75	114,655	12.35
	30° F	345,746	36.96	404,312	42.74	471,582	54.08	125,284	12.74
	45° F	430,905	41.76	504,808	47.99	581,031	61.04	159,979	13.81
95° F	-10° F	143,932	25.08	167,608	29.73	202,458	36.69	48,658	9.65
	0° F	180,862	28.37	210,171	33.38	252,618	41.42	61,573	10.62
	10° F	221,723	31.74	258,461	37.10	306,821	46.26	76,542	11.57
	20° F[6]	265,087	35.15	309,864	40.87	363,732	51.18	93,628	12.49
	25° F	288,140	36.87	336,962	42.76	393,570	53.67	102,992	12.94
	30° F	312,331	38.58	365,414	44.63	424,602	56.14	112,975	13.37
	45° F[6]	389,354	43.73	456,120	50.28	-	-	144,059	14.56
105° F	-10° F	127,729	25.58	149,318	30.37	180,267	37.21	43,498	9.87
	0° F	160,517	29.11	187,072	34.29	224,561	42.27	54,862	10.92
	10° F	197,551	32.71	229,665	38.29	272,888	47.45	68,011	11.95
	20° F	236,287	36.37	276,505	42.32	323,032	52.70	82,964	12.96
	25° F	256,737	38.21	300,496	44.35	-	-	91,245	13.44
	30° F	-	-	325,219	46.39	-	-	99,989	13.91
	45° F	-	-	-	-	-	-	128,115	15.22
115° F	-10° F	111,233	25.93	130,537	30.82	157,565	37.50	38,139	10.01
	0° F	-	-	163,425	35.02	-	-	47,972	11.14
	10° F	-	-	-	-	-	-	59,298	12.25

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NDB12M7	NDB16M7	NDB18M7	NDB20M7
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	42.6	47.9	58.1	58.7
	230 V	39.1	43.9	53.1	53.6
	460 V	19.5	21.9	26.6	26.8
	575 V	15.4	17.3	21.0	21.2
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	2	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		6x36	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		28	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	29	56	56	56
	w/ Flood Control[3]	53	87	87	87
Suction Connection per circuit - ODS (in.)[9]		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,655	2,763	2,760	3,028
Unit Operating Weight - Approximate (lbs.)[7]		2,418	2,612	2,608	2,876

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	65,900	11.14	80,491	12.93	95,410	15.15	96,437	14.57
	0° F	83,454	12.38	101,708	14.35	120,333	17.06	123,008	16.56
	10° F	103,674	13.62	126,235	15.77	148,274	19.01	152,659	18.63
	20° F	125,764	14.84	153,704	17.18	178,436	20.99	184,463	20.76
	25° F	137,348	15.45	168,014	17.87	194,563	21.99	201,507	21.85
	30° F	149,552	16.04	182,950	18.55	211,343	22.99	219,191	22.95
	45° F	188,838	17.77	232,163	20.49	266,055	25.99	276,512	26.29
95° F	-10° F	59,443	11.44	72,844	13.33	85,953	15.57	85,947	14.84
	0° F	75,174	12.79	91,902	14.89	108,352	17.64	109,818	17.00
	10° F	93,191	14.14	113,915	16.45	134,125	19.76	137,154	19.24
	20° F[6]	113,317	15.47	138,994	17.99	161,429	21.92	165,830	21.55
	25° F	123,655	16.14	152,122	18.74	176,017	23.01	181,192	22.73
	30° F	134,554	16.79	165,593	19.50	191,186	24.11	197,389	23.91
	45° F[6]	170,042	18.67	210,040	21.65	241,000	27.38	249,115	27.55
105° F	-10° F	52,884	11.66	65,098	13.66	76,458	15.92	75,668	15.06
	0° F	66,708	13.11	82,038	15.33	96,371	18.14	96,837	17.37
	10° F	82,501	14.57	101,446	17.03	119,234	20.43	120,907	19.78
	20° F	100,514	16.01	123,729	18.70	144,115	22.76	147,093	22.26
	25° F	109,781	16.73	135,827	19.53	157,131	23.94	160,995	23.52
	30° F	119,556	17.43	148,016	20.34	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	46,172	11.80	57,164	13.91	66,950	16.19	65,463	15.22
	0° F	58,124	13.35	71,863	15.71	84,354	18.55	83,801	17.68
	10° F	-	-	88,815	17.52	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NDB24M7	NDB30M7	NDB40M7	NDB44M7
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	70.8	85.1	98.9	105.0
	230 V	64.6	78.0	90.4	95.9
	460 V	32.3	39.0	45.2	48.0
	575 V	25.6	30.7	35.7	37.9
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	83	83	82	92
	w/ Flood Control[3]	124	124	144	152
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		3,194	3,617	3,705	4,222
Unit Operating Weight - Approximate (lbs.)[7]		3,108	3,532	3,620	4,137

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	117,005	17.49	133,536	21.33	161,565	25.04	184,183	27.82
	0° F	148,259	19.98	171,107	24.13	205,084	28.30	233,302	31.27
	10° F	181,895	22.58	214,384	27.03	253,976	31.69	289,410	34.82
	20° F	218,830	25.26	260,789	29.99	306,373	35.18	348,260	38.49
	25° F	238,141	26.65	285,572	31.49	334,319	36.96	379,957	40.36
	30° F	258,705	28.03	311,383	33.01	363,765	38.74	412,857	42.26
	45° F	323,609	32.31	395,205	37.60	458,616	44.19	519,006	48.14
95° F	-10° F	104,736	17.91	118,812	21.66	144,836	25.64	164,955	28.39
	0° F	132,759	20.59	152,493	24.71	183,793	29.16	209,355	32.15
	10° F	163,569	23.39	191,489	27.86	228,705	32.83	260,084	36.03
	20° F[6]	196,746	26.29	234,346	31.09	276,013	36.62	314,657	40.03
	25° F	214,322	27.78	256,759	32.73	301,572	38.55	342,945	42.09
	30° F	232,803	29.28	280,097	34.39	328,153	40.49	373,177	44.15
	45° F[6]	-	-	356,419	39.40	413,739	46.45	469,251	50.57
105° F	-10° F	92,466	18.29	104,317	21.91	128,108	26.18	145,789	28.78
	0° F	117,197	21.15	134,212	25.18	162,744	29.94	185,422	32.84
	10° F	145,114	24.14	168,767	28.57	202,209	33.89	230,558	37.04
	20° F	174,733	27.24	207,800	32.06	245,388	37.97	280,049	41.39
	25° F	-	-	227,809	33.84	268,123	40.05	305,710	43.61
	30° F	-	-	249,019	35.62	-	-	332,789	45.84
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	80,308	18.62	89,979	22.07	111,525	26.66	126,487	28.98
	0° F	-	-	116,056	25.55	141,673	30.65	161,275	33.34
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]			
		NDB50M7	NDB60M7	NDB66M7	NDB70M7
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	131.2	153.0	168.8	180.9
	230 V	120.0	139.8	154.1	165.0
	460 V	60.0	69.9	77.0	82.5
	575 V	47.3	55.2	60.9	65.3
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		6	6	6	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	102	129	139	151
	w/ Flood Control[3]	184	210	259	259
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		4,621	4,658	5,305	5,316
Unit Operating Weight - Approximate (lbs.)[7]		4,536	4,572	5,335	5,346

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	221,123	34.58	252,327	39.14	273,107	41.20	319,920	48.85
	0° F	279,037	38.54	316,693	43.88	346,661	46.24	401,917	54.95
	10° F	345,284	42.60	387,821	48.75	431,148	51.31	491,447	61.18
	20° F	416,595	46.75	463,128	53.77	522,097	56.37	587,224	67.53
	25° F	454,255	48.85	503,132	56.33	570,814	58.86	638,508	70.71
	30° F	493,378	50.98	545,027	58.90	621,630	61.34	691,492	73.92
	45° F	620,506	57.44	678,150	66.80	786,412	68.68	861,810	83.53
95° F	-10° F	199,330	35.39	227,300	40.08	244,965	42.05	287,864	50.15
	0° F	251,497	39.70	285,257	45.14	311,540	47.55	361,725	56.74
	10° F	311,111	44.12	349,918	50.39	388,049	53.08	443,447	63.48
	20° F[6]	376,791	48.64	417,798	55.77	472,591	58.61	530,174	70.30
	25° F	410,816	50.93	454,147	58.49	516,403	61.38	576,280	73.74
	30° F	446,692	53.23	491,661	61.24	562,698	64.10	624,663	77.16
	45° F[6]	561,624	60.28	612,262	69.63	713,731	72.13	778,709	87.46
105° F	-10° F	177,296	36.00	202,095	40.79	216,482	42.63	255,457	51.17
	0° F	223,790	40.64	253,067	46.20	276,146	48.57	321,034	58.22
	10° F	276,456	45.42	310,523	51.78	344,582	54.56	395,102	65.42
	20° F	336,324	50.29	371,897	57.49	422,178	60.56	472,574	72.74
	25° F	366,925	52.77	403,984	60.39	461,626	63.56	513,475	76.42
	30° F	398,986	55.26	-	-	503,379	66.53	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	154,958	36.43	176,721	41.29	187,981	42.92	222,465	51.85
	0° F	195,668	41.37	220,878	47.00	240,676	49.29	-	-
	10° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - Medium Temp		Model Numbers[5, 8]	
		NDB80M7	NDB100M7
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA[1] per circuit	208 V	214.3	267.5
	230 V	195.6	244.2
	460 V	97.8	122.1
	575 V	77.3	96.5
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		8	10
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	198	198
	w/ Flood Control[3]	332	332
Suction Connection per circuit - ODS (in.)[9]		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,240	6,485
Unit Operating Weight - Approximate (lbs.)[7]		6,403	6,648

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.				
85° F	-10° F	371,254	57.85	449,052	71.86
	0° F	466,181	64.60	560,739	80.68
	10° F	573,756	71.47	678,980	89.71
	20° F	686,538	78.44	806,881	98.87
	25° F	746,170	81.96	874,216	103.50
	30° F	808,624	85.47	943,165	108.15
	45° F	1,009,617	95.98	1,162,063	122.08
95° F	-10° F	335,216	59.46	404,916	73.39
	0° F	420,343	66.76	505,236	82.85
	10° F	516,923	74.20	613,642	92.52
	20° F[6]	619,727	81.74	727,464	102.37
	25° F	673,925	85.51	787,140	107.33
	30° F	730,828	89.27	849,203	112.29
	45° F[6]	912,239	100.57	-	-
105° F	-10° F	298,637	60.74	360,534	74.43
	0° F	374,144	68.58	449,121	84.53
	10° F	459,330	76.57	545,776	94.90
	20° F	553,009	84.64	646,064	105.39
	25° F	600,992	88.70	-	-
	30° F	650,439	92.79	-	-
	45° F	-	-	-	-
115° F	-10° F	261,073	61.65	315,130	74.99
	0° F	326,851	70.03	-	-
	10° F	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NSB05H7	NSB06H7	NSB08H7	NSB09H7
Compressor Model Number		4FES-5	4EES-6	4DES-7	4CES-9
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	41.8	42.6	52.5	62.7
	230 V	38.4	39.1	48.5	57.7
	460 V	19.2	19.5	24.2	28.8
	575 V	15.1	15.4	18.9	22.6
Compressor RLA (each)	208 V	29.0	29.6	33.8	42.0
	230 V	26.2	26.8	30.6	38.0
	460 V	13.1	13.4	15.3	19.0
	575 V	10.5	10.7	12.2	15.2
Total Number of Condenser Fan Motors		1	1	2	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	41	41	57	60
	w/ Flood Control[3]	72	86	98	100
Suction Connection per circuit - ODS (in.)[9]		1 3/8	1 5/8	1 5/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,350	1,500	1,598	1,732
Unit Operating Weight - Approximate (lbs.)[7]		1,305	1,455	1,554	1,687

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	27,162	4.64	33,809	5.49	41,216	7.47	49,307	8.55
	0° F	34,581	5.06	43,084	6.06	52,372	8.12	62,580	9.42
	10° F	43,289	5.47	53,943	6.62	65,450	8.75	78,132	10.27
	20° F	53,348	5.85	66,506	7.15	80,569	9.36	96,023	11.11
	25° F	58,924	6.03	73,396	7.41	88,967	9.64	105,952	11.52
	30° F	64,850	6.20	80,819	7.65	97,909	9.92	116,519	11.92
	45° F	84,537	6.67	104,761	8.33	127,813	10.67	150,082	13.05
95° F	-10° F	24,691	4.80	30,618	5.66	37,425	7.69	44,567	8.78
	0° F	31,363	5.26	38,980	6.29	47,537	8.42	56,655	9.74
	10° F	39,155	5.72	48,728	6.92	59,361	9.13	70,712	10.70
	20° F[6]	48,160	6.15	59,980	7.52	73,061	9.81	86,974	11.65
	25° F	53,152	6.35	66,216	7.80	80,617	10.14	96,010	12.11
	30° F	58,453	6.55	72,835	8.08	88,721	10.46	105,629	12.57
	45° F[6]	76,456	7.08	94,884	8.86	116,305	11.33	136,746	13.88
105° F	-10° F	22,135	4.91	27,320	5.79	33,556	7.87	39,812	8.98
	0° F	28,046	5.42	34,771	6.48	42,595	8.67	50,644	10.03
	10° F	34,911	5.92	43,432	7.17	53,139	9.46	63,274	11.08
	20° F	42,863	6.40	53,420	7.83	65,406	10.22	77,835	12.14
	25° F	47,274	6.63	58,901	8.15	72,172	10.59	85,972	12.65
	30° F	51,955	6.85	64,772	8.47	79,441	10.95	94,639	13.16
	45° F	67,809	7.45	84,754	9.34	104,141	11.95	123,337	14.64
115° F	-10° F	19,475	4.99	23,985	5.88	29,618	8.01	35,049	9.14
	0° F	24,606	5.55	30,489	6.63	37,566	8.88	44,606	10.27
	10° F	30,565	6.09	38,014	7.37	46,865	9.73	55,741	11.42
	20° F	37,422	6.61	46,676	8.10	57,587	10.58	68,654	12.57
	25° F	41,250	6.86	51,512	8.45	63,559	10.98	-	-
	30° F	45,311	7.10	56,643	8.80	69,990	11.38	-	-
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NSB10H7	NSB12H7	NSB15H7	NSB20H7
Compressor Model Number		4VE(S)-10	4TE(S)-12	4PE(S)-15	4NE(S)-20
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	63.3	75.4	89.7	108.1
	230 V	58.2	69.2	82.6	99.6
	460 V	29.1	34.6	41.3	49.8
	575 V	22.8	27.2	32.3	38.9
Compressor RLA (each)	208 V	42.5	52.2	59.9	71.0
	230 V	38.4	47.2	54.2	64.2
	460 V	19.2	23.6	27.1	32.1
	575 V	15.4	18.9	21.7	25.7
Total Number of Condenser Fan Motors		2	2	3	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	68	99	100	110
	w/ Flood Control[3]	129	181	181	230
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		7/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,934	2,057	2,154	2,476
Unit Operating Weight - Approximate (lbs.)[7]		1,889	2,046	2,142	2,522

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	50,850	8.26	61,808	9.65	69,432	11.66	84,801	14.48
	0° F	65,512	9.15	79,205	10.75	89,668	12.95	108,804	15.92
	10° F	82,814	10.02	99,702	11.83	113,476	14.23	136,994	17.34
	20° F	102,890	10.87	123,373	12.89	141,090	15.49	169,723	18.73
	25° F	113,996	11.29	136,541	13.41	156,359	16.11	187,965	19.39
	30° F	125,921	11.69	150,573	13.92	172,751	16.71	207,572	20.03
	45° F	166,101	12.82	196,931	15.35	226,376	18.43	273,932	21.84
95° F	-10° F	45,524	8.43	55,559	9.90	61,969	11.85	76,330	14.81
	0° F	58,815	9.41	71,369	11.10	80,288	13.28	98,034	16.41
	10° F	74,490	10.39	89,862	12.31	101,824	14.71	123,567	18.01
	20° F[6]	92,678	11.36	111,353	13.52	126,798	16.14	153,328	19.58
	25° F	102,779	11.83	123,228	14.11	140,663	16.84	169,943	20.35
	30° F	113,640	12.30	135,982	14.69	155,572	17.52	187,686	21.10
	45° F[6]	150,681	13.62	179,020	16.35	205,426	19.52	248,248	23.24
105° F	-10° F	40,272	8.56	49,373	10.11	54,628	12.00	67,885	15.12
	0° F	52,173	9.63	63,521	11.42	71,005	13.55	87,395	16.85
	10° F	66,209	10.72	80,045	12.76	90,248	15.13	110,262	18.62
	20° F	82,575	11.79	99,349	14.09	112,568	16.72	136,941	20.38
	25° F	91,679	12.33	110,024	14.75	125,029	17.50	151,929	21.24
	30° F	101,393	12.85	121,512	15.40	138,457	18.27	167,795	22.10
	45° F	134,778	14.37	160,691	17.30	183,985	20.53	222,571	24.56
115° F	-10° F	35,061	8.66	43,204	10.30	47,312	12.11	59,525	15.39
	0° F	45,556	9.83	55,669	11.71	61,783	13.78	76,667	17.26
	10° F	57,939	11.01	70,285	13.16	78,715	15.49	96,928	19.18
	20° F	72,482	12.19	87,321	14.62	98,482	17.22	120,639	21.11
	25° F	80,499	12.78	96,797	15.35	109,553	18.08	133,867	22.07
	30° F	89,251	13.36	107,022	16.07	121,374	18.94	148,005	23.02
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NSB22H7	NSB25H7	NSB30H7	NSB33H7
Compressor Model Number		4JE-22	4HE-25	4GE-30	6JE-33
Quantity of Compressors		1	1	1	1
MCA[1] per circuit	208 V	114.2	135.8	162.2	182.6
	230 V	105.1	124.6	149.0	167.9
	460 V	52.6	62.3	74.5	83.9
	575 V	41.1	48.9	58.4	65.7
Compressor RLA (each)	208 V	75.9	93.1	110.6	123.2
	230 V	68.6	84.2	100.0	111.4
	460 V	34.3	42.1	50.0	55.7
	575 V	27.4	33.7	40.0	44.6
Total Number of Condenser Fan Motors		4	4	5	6
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		10x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		144	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	122	156	175	188
	w/ Flood Control[3]	230	291	309	347
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		2,578	2,980	3,081	3,432
Unit Operating Weight - Approximate (lbs.)[7]		2,624	3,092	3,194	3,544

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	95,620	15.90	113,906	18.15	130,892	21.43	141,263	23.62
	0° F	121,996	17.47	144,695	19.97	165,647	23.58	180,404	25.92
	10° F	152,754	19.01	180,270	21.78	205,902	25.73	226,024	28.16
	20° F	188,092	20.54	221,329	23.56	252,095	27.87	278,565	30.31
	25° F	207,583	21.29	243,888	24.44	277,588	28.92	307,603	31.34
	30° F	228,283	22.05	267,999	25.30	304,614	29.97	338,706	32.33
	45° F	296,369	24.24	347,211	27.83	390,700	33.05	441,160	35.09
95° F	-10° F	86,004	16.25	103,018	18.62	118,492	21.98	127,052	24.13
	0° F	110,102	17.99	130,934	20.63	149,954	24.33	162,785	26.70
	10° F	137,966	19.73	163,274	22.65	186,406	26.70	204,373	29.21
	20° F[6]	170,031	21.47	200,458	24.66	228,027	29.07	252,228	31.65
	25° F	187,779	22.34	220,943	25.65	251,083	30.24	278,777	32.82
	30° F	206,627	23.20	242,862	26.63	275,517	31.41	307,251	33.95
	45° F[6]	269,952	25.72	315,999	29.53	354,662	34.87	402,970	37.15
105° F	-10° F	76,338	16.50	91,996	18.98	105,879	22.41	112,766	24.50
	0° F	98,016	18.41	117,046	21.18	134,065	24.96	145,004	27.32
	10° F	123,127	20.35	146,120	23.40	166,524	27.54	182,479	30.10
	20° F	151,897	22.29	179,399	25.62	203,686	30.13	225,782	32.81
	25° F	167,907	23.25	197,814	26.73	224,097	31.42	249,847	34.12
	30° F	184,911	24.22	217,349	27.83	245,926	32.70	275,457	35.41
	45° F	242,644	27.09	283,784	31.07	318,619	36.50	362,755	39.06
115° F	-10° F	66,663	16.65	80,892	19.24	93,133	22.73	98,455	24.72
	0° F	85,883	18.73	103,021	21.62	117,859	25.46	127,140	27.78
	10° F	108,106	20.85	128,528	24.03	146,405	28.24	160,461	30.82
	20° F	133,690	22.99	157,985	26.46	178,898	31.04	198,996	33.81
	25° F	147,805	24.06	174,318	27.67	196,846	32.44	220,565	35.26
	30° F	162,961	25.13	191,648	28.89	-	-	243,537	36.68
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NSB35H7	NSB40H7	NSB50H7	NDB10H7
Compressor Model Number		6HE-35	6GE-40	6FE-50	4FES-5
Quantity of Compressors		1	1	1	2
MCA[1] per circuit	208 V	194.7	223.5	272.1	41.8
	230 V	178.8	204.8	248.8	38.4
	460 V	89.4	102.4	124.4	19.2
	575 V	70.1	80.5	98.1	15.1
Compressor RLA (each)	208 V	132.9	155.9	194.8	29.0
	230 V	120.2	141.0	176.2	26.2
	460 V	60.1	70.5	88.1	13.1
	575 V	48.1	56.4	70.5	10.5
Total Number of Condenser Fan Motors		6	6	6	2
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202	202	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	188	209	209	41
	w/ Flood Control[3]	347	370	370	72
Suction Connection per circuit - ODS (in.)[9]		2 5/8	3 1/8	3 1/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 3/8	1 5/8	1 5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		3,440	3,466	3,512	2,721
Unit Operating Weight - Approximate (lbs.)[7]		3,552	3,579	3,625	2,569

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	166,091	27.26	188,902	30.87	228,240	36.78	54,323	9.29
	0° F	210,310	30.01	238,118	34.08	286,212	41.03	69,161	10.13
	10° F	261,528	32.75	294,772	37.31	352,187	45.32	86,579	10.94
	20° F	320,301	35.42	359,062	40.53	421,561	49.65	106,695	11.70
	25° F	352,385	36.75	392,789	42.14	458,251	51.82	117,849	12.06
	30° F	386,864	38.02	427,423	43.73	496,677	53.96	129,701	12.41
	45° F	493,952	41.73	540,052	48.41	618,837	60.37	169,074	13.33
95° F	-10° F	150,000	28.02	170,849	31.73	206,332	37.62	49,382	9.59
	0° F	190,263	31.05	215,386	35.23	258,522	42.21	62,726	10.53
	10° F	236,619	34.08	266,259	38.76	317,516	46.87	78,311	11.43
	20° F[6]	289,720	37.06	324,024	42.29	380,867	51.56	96,320	12.30
	25° F	319,013	38.52	355,375	44.06	414,154	53.89	106,305	12.70
	30° F	350,039	39.97	387,061	45.80	448,512	56.23	116,907	13.10
	45° F[6]	449,308	44.13	489,492	50.93	558,888	63.13	152,911	14.15
105° F	-10° F	133,866	28.63	152,689	32.42	184,122	38.21	44,269	9.83
	0° F	169,975	31.94	192,343	36.22	230,487	43.14	56,091	10.85
	10° F	211,384	35.25	237,357	40.06	282,212	48.17	69,822	11.85
	20° F	258,980	38.53	288,569	43.89	339,630	53.21	85,726	12.80
	25° F	285,260	40.14	316,625	45.79	368,993	55.73	94,548	13.25
	30° F	313,088	41.73	346,147	47.69	399,229	58.25	103,910	13.69
	45° F	404,358	46.34	438,022	53.29	-	-	135,618	14.89
115° F	-10° F	117,455	29.07	134,076	32.93	161,556	38.55	38,951	9.99
	0° F	149,321	32.65	168,768	37.02	201,830	43.83	49,213	11.09
	10° F	185,913	36.24	208,100	41.16	-	-	61,129	12.18
	20° F	227,762	39.81	-	-	-	-	74,843	13.22
	25° F	-	-	-	-	-	-	82,500	13.72
	30° F	-	-	-	-	-	-	90,622	14.20
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NDB12H7	NDB16H7	NDB18H7	NDB20H7
Compressor Model Number		4EES-6	4DES-7	4CES-9	4VE(S)-10
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	42.6	52.5	62.7	63.3
	230 V	39.1	48.5	57.7	58.2
	460 V	19.5	24.2	28.8	29.1
	575 V	15.4	18.9	22.6	22.8
Compressor RLA (each)	208 V	29.6	33.8	42.0	42.5
	230 V	26.8	30.6	38.0	38.4
	460 V	13.4	15.3	19.0	19.2
	575 V	10.7	12.2	15.2	15.4
Total Number of Condenser Fan Motors		2	4	4	4
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)[2]		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	41	57	60	68
	w/ Flood Control[3]	86	98	100	129
Suction Connection per circuit - ODS (in.)[9]		1 5/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		3,020	3,218	3,484	3,890
Unit Operating Weight - Approximate (lbs.)[7]		2,868	3,066	3,333	3,739

Capacity Ratings		NDB12H7		NDB16H7		NDB18H7		NDB20H7	
Ambient Temp.	Suction Temp.	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
85° F	-10° F	67,618	10.98	82,431	14.93	98,614	17.09	101,699	16.52
	0° F	86,168	12.12	104,744	16.24	125,159	18.83	131,025	18.30
	10° F	107,885	13.23	130,900	17.51	156,264	20.55	165,628	20.05
	20° F	133,011	14.29	161,138	18.72	192,046	22.23	205,780	21.75
	25° F	146,792	14.81	177,933	19.29	211,904	23.04	227,993	22.58
	30° F	161,639	15.30	195,818	19.84	233,039	23.84	251,841	23.38
	45° F	209,522	16.65	255,626	21.33	300,163	26.10	332,203	25.65
95° F	-10° F	61,235	11.32	74,850	15.38	89,135	17.56	91,048	16.85
	0° F	77,959	12.59	95,074	16.83	113,309	19.48	117,629	18.82
	10° F	97,457	13.83	118,721	18.26	141,424	21.41	148,981	20.78
	20° F[6]	119,961	15.03	146,122	19.62	173,949	23.30	185,356	22.72
	25° F	132,431	15.61	161,234	20.29	192,020	24.22	205,557	23.67
	30° F	145,670	16.17	177,441	20.92	211,258	25.13	227,280	24.59
	45° F[6]	189,767	17.72	232,609	22.67	273,492	27.75	301,361	27.24
105° F	-10° F	54,640	11.59	67,112	15.74	79,624	17.96	80,544	17.12
	0° F	69,543	12.97	85,191	17.34	101,288	20.06	104,346	19.27
	10° F	86,863	14.33	106,277	18.91	126,547	22.17	132,418	21.44
	20° F	106,840	15.66	130,813	20.44	155,669	24.27	165,150	23.59
	25° F	117,801	16.31	144,344	21.18	171,944	25.30	183,357	24.65
	30° F	129,544	16.94	158,881	21.89	189,279	26.32	202,785	25.71
	45° F	169,508	18.69	208,283	23.90	246,674	29.27	269,555	28.74
115° F	-10° F	47,970	11.76	59,235	16.03	70,098	18.27	70,122	17.33
	0° F	60,979	13.25	75,131	17.76	89,212	20.54	91,112	19.65
	10° F	76,029	14.74	93,731	19.47	111,483	22.83	115,877	22.01
	20° F	93,352	16.19	115,174	21.15	137,309	25.13	144,963	24.37
	25° F	103,024	16.90	127,117	21.97	-	-	160,998	25.56
	30° F	113,286	17.59	139,980	22.76	-	-	178,502	26.71
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NDB24H7	NDB30H7	NDB40H7	NDB44H7
Compressor Model Number		4TE(S)-12	4PE(S)-15	4NE(S)-20	4JE-22
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	75.4	89.7	108.1	114.2
	230 V	69.2	82.6	99.6	105.1
	460 V	34.6	41.3	49.8	52.6
	575 V	27.2	32.3	38.9	41.1
Compressor RLA (each)	208 V	52.2	59.9	71.0	75.9
	230 V	47.2	54.2	64.2	68.6
	460 V	23.6	27.1	32.1	34.3
	575 V	18.9	21.7	25.7	27.4
Total Number of Condenser Fan Motors		4	6	8	8
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		8x60	8x60	10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		94	94	144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	99	100	110	122
	w/ Flood Control[3]	181	181	230	230
Suction Connection per circuit - ODS (in.)[9]		2 1/8	2 1/8	2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		4,130	4,329	4,971	5,177
Unit Operating Weight - Approximate (lbs.)[7]		4,045	4,244	5,001	5,207

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	123,616	19.31	138,865	23.31	169,603	28.96	191,240	31.81
	0° F	158,410	21.50	179,335	25.90	217,607	31.83	243,993	34.93
	10° F	199,403	23.66	226,953	28.46	273,988	34.68	305,508	38.02
	20° F	246,746	25.79	282,180	30.98	339,447	37.45	376,184	41.08
	25° F	273,081	26.82	312,718	32.22	375,931	38.79	415,166	42.59
	30° F	301,147	27.84	345,502	33.42	415,145	40.07	456,566	44.10
	45° F	393,862	30.70	452,753	36.86	547,864	43.67	592,737	48.49
95° F	-10° F	111,117	19.79	123,939	23.71	152,659	29.63	172,009	32.50
	0° F	142,738	22.20	160,576	26.56	196,068	32.82	220,204	35.98
	10° F	179,724	24.63	203,648	29.42	247,134	36.02	275,932	39.47
	20° F[6]	222,706	27.03	253,596	32.27	306,655	39.17	340,061	42.95
	25° F	246,456	28.22	281,326	33.68	339,886	40.70	375,559	44.67
	30° F	271,964	29.38	311,144	35.05	375,373	42.20	413,253	46.39
	45° F[6]	358,040	32.70	410,852	39.03	496,497	46.49	539,905	51.44
105° F	-10° F	98,745	20.22	109,257	24.01	135,770	30.23	152,675	33.00
	0° F	127,042	22.85	142,010	27.11	174,790	33.71	196,032	36.83
	10° F	160,089	25.52	180,497	30.26	220,524	37.24	246,253	40.69
	20° F	198,698	28.18	225,136	33.43	273,883	40.76	303,794	44.58
	25° F	220,048	29.51	250,058	35.00	303,858	42.48	335,815	46.51
	30° F	243,024	30.81	276,914	36.54	335,591	44.20	369,822	48.44
	45° F	321,381	34.60	367,971	41.07	445,142	49.11	485,289	54.17
115° F	-10° F	86,409	20.60	94,625	24.21	119,049	30.77	133,326	33.31
	0° F	111,339	23.43	123,565	27.56	153,334	34.52	171,766	37.47
	10° F	140,570	26.32	157,429	30.98	193,856	38.36	216,211	41.70
	20° F	174,641	29.24	196,965	34.44	241,277	42.22	267,381	45.98
	25° F	193,593	30.70	219,107	36.16	267,734	44.14	295,610	48.12
	30° F	214,045	32.14	242,749	37.88	296,009	46.05	325,922	50.26
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]			
		NDB50H7	NDB60H7	NDB66H7	NDB70H7
Compressor Model Number		4HE-25	4GE-30	6JE-33	6HE-35
Quantity of Compressors		2	2	2	2
MCA[1] per circuit	208 V	135.8	162.2	182.6	194.7
	230 V	124.6	149.0	167.9	178.8
	460 V	62.3	74.5	83.9	89.4
	575 V	48.9	58.4	65.7	70.1
Compressor RLA (each)	208 V	93.1	110.6	123.2	132.9
	230 V	84.2	100.0	111.4	120.2
	460 V	42.1	50.0	55.7	60.1
	575 V	33.7	40.0	44.6	48.1
Total Number of Condenser Fan Motors		8	10	12	12
Size of Motor (HP)		1	1	1	1
Diameter of Blade (in.)		28	28	28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6	4.6	4.6
	230 V	4.6	4.6	4.6	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	156	175	168	188
	w/ Flood Control[3]	291	309	347	347
Suction Connection per circuit - ODS (in.)[9]		2 5/8	2 5/8	2 5/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 3/8	1 3/8	1 3/8
Unit Shipping Weight - Approximate (lbs.)		5,993	6,194	6,897	6,913
Unit Operating Weight - Approximate (lbs.)[7]		6,156	6,357	7,060	7,076

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.								
85° F	-10° F	227,811	36.31	261,784	42.86	282,527	47.24	332,183	54.51
	0° F	289,390	39.93	331,294	47.16	360,807	51.85	420,620	60.03
	10° F	360,541	43.56	411,804	51.46	452,048	56.32	523,055	65.50
	20° F	442,658	47.11	504,191	55.73	557,131	60.61	640,602	70.84
	25° F	487,776	48.88	555,176	57.84	615,207	62.68	704,771	73.50
	30° F	535,998	50.61	609,229	59.93	677,412	64.65	773,728	76.05
	45° F	694,421	55.66	781,400	66.11	882,320	70.17	987,903	83.46
95° F	-10° F	206,037	37.23	236,984	43.95	254,105	48.27	300,000	56.04
	0° F	261,867	41.26	299,908	48.67	325,570	53.40	380,527	62.10
	10° F	326,547	45.30	372,812	53.40	408,745	58.42	473,238	68.16
	20° F[6]	400,915	49.31	456,053	58.15	504,456	63.30	579,440	74.13
	25° F	441,887	51.30	502,167	60.48	557,554	65.65	638,026	77.05
	30° F	485,724	53.26	551,035	62.81	614,502	67.91	700,078	79.94
	45° F[6]	631,999	59.05	709,324	69.75	805,940	74.29	898,617	88.26
105° F	-10° F	183,993	37.96	211,758	44.82	225,533	49.00	267,731	57.26
	0° F	234,091	42.36	268,129	49.92	290,007	54.64	339,950	63.87
	10° F	292,241	46.79	333,048	55.08	364,958	60.20	422,768	70.51
	20° F	358,797	51.24	407,373	60.25	451,564	65.62	517,961	77.06
	25° F	395,628	53.45	448,193	62.84	499,694	68.25	570,520	80.27
	30° F	434,697	55.66	491,851	65.40	550,914	70.83	626,177	83.46
	45° F	567,568	62.14	637,239	72.99	725,510	78.11	808,717	92.69
115° F	-10° F	161,783	38.47	186,267	45.46	196,911	49.43	234,910	58.15
	0° F	206,042	43.23	235,718	50.92	254,281	55.55	298,642	65.30
	10° F	257,055	48.07	292,809	56.47	320,923	61.64	371,825	72.49
	20° F	315,969	52.93	357,796	62.08	397,991	67.61	455,524	79.63
	25° F	348,635	55.35	393,692	64.88	441,131	70.51	-	-
	30° F	383,296	57.77	-	-	487,074	73.37	-	-
	45° F	-	-	-	-	-	-	-	-

1 - MCA (Minimum Circuit Ampacity) is calculated based on all concurrent loads applied to the circuit. (Largest load x 1.25 + 100% of all other loads including the control circuit.) Unit cooler amperages not included.
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

R-507 - High Temp		Model Numbers[5, 8]	
		NDB80H7	NDB100H7
Compressor Model Number		6GE-40	6FE-50
Quantity of Compressors		2	2
MCA[1] per circuit	208 V	223.5	272.1
	230 V	204.8	248.8
	460 V	102.4	124.4
	575 V	80.5	98.1
Compressor RLA (each)	208 V	155.9	194.8
	230 V	141.0	176.2
	460 V	70.5	88.1
	575 V	56.4	70.5
Total Number of Condenser Fan Motors		12	12
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	4.6
	230 V	4.6	4.6
	460 V	2.3	2.3
	575 V	1.6	1.6
Receiver Size per circuit (in.)		12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)[2]		202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard[3]	209	209
	w/ Flood Control[3]	370	370
Suction Connection per circuit - ODS (in.)[9]		3 1/8	3 1/8
Liquid Line Connection per circuit - ODS (in.)		1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,966	7,056
Unit Operating Weight - Approximate (lbs.)[7]		7,129	7,220

Capacity Ratings		Capacity	KW[4]	Capacity	KW[4]
Ambient Temp.	Suction Temp.				
85° F	-10° F	377,805	61.73	456,481	73.57
	0° F	476,236	68.17	572,424	82.05
	10° F	589,545	74.61	704,374	90.64
	20° F	718,124	81.06	843,122	99.30
	25° F	785,577	84.28	916,502	103.63
	30° F	854,847	87.46	993,354	107.92
	45° F	1,080,103	96.83	1,237,675	120.74
95° F	-10° F	341,698	63.45	412,665	75.23
	0° F	430,771	70.46	517,045	84.42
	10° F	532,518	77.53	635,031	93.73
	20° F[6]	648,049	84.58	761,734	103.13
	25° F	710,750	88.11	828,307	107.79
	30° F	774,123	91.60	897,024	112.45
	45° F[6]	978,983	101.86	1,117,776	126.25
105° F	-10° F	305,378	64.84	368,243	76.42
	0° F	384,685	72.43	460,974	86.28
	10° F	474,714	80.12	564,424	96.33
	20° F	577,138	87.79	679,260	106.43
	25° F	633,249	91.59	737,987	111.46
	30° F	692,293	95.39	798,458	116.50
	45° F	876,045	106.58	-	-
115° F	-10° F	268,152	65.86	323,112	77.11
	0° F	337,536	74.04	403,661	87.65
	10° F	416,200	82.32	-	-
	20° F	-	-	-	-
	25° F	-	-	-	-
	30° F	-	-	-	-
	45° F	157,547	18.76	26,534	7.68

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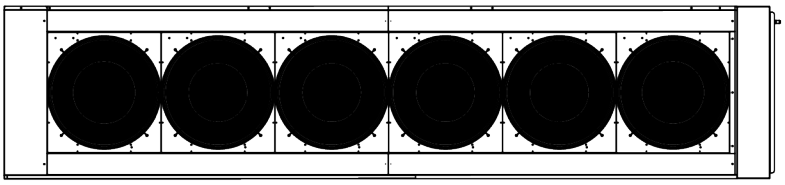
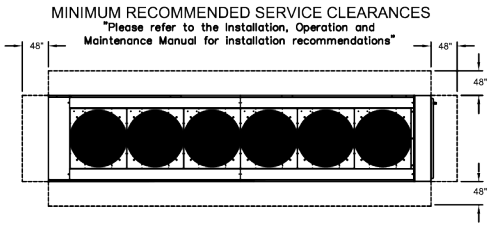
2 - Based on 80% full at 90°F ambient.
3 - Based on 100 ft. of equivalent refrigerant line piping. (Does not include the evaporator.)
4 - KW is for the unit.
5 - If single circuit option is selected for NDB models, some of the unit details listed above will change. Contact your local Century Representative for details.
6 - Rated in accordance with ANSI/AHRI Standard 520-2004.
7 - Operating weight reflects flooded refrigerant charge.
8 - Dual units are standard with dual electrical and refrigerant circuiting.
9 - Size based on mounted optional suction line trim.
"-" - Consult your local Century Representative.

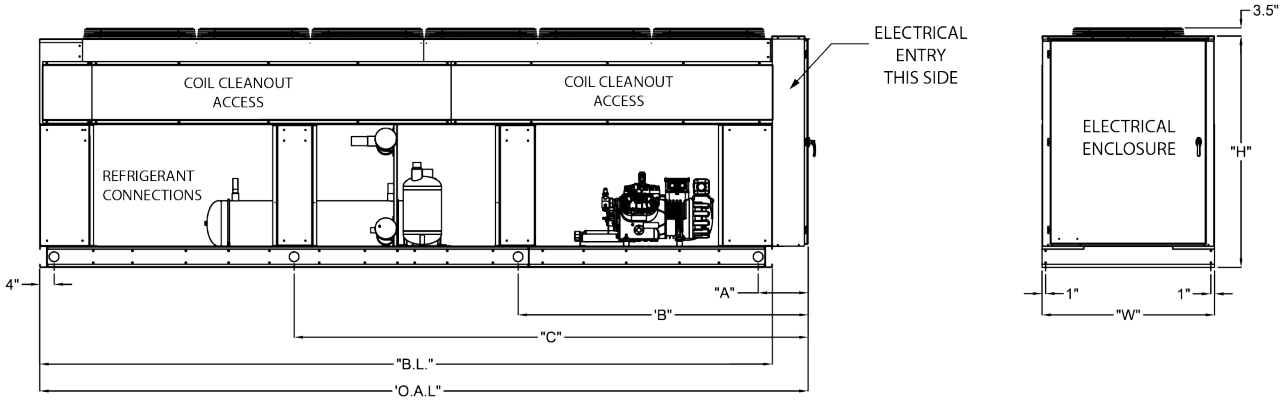
NOTE: Liquid line sizing and piping run must be sized not to exceed sub cooling design of 10°F for "M" and "H" models, and 5°F for "L" models. Failure to consider this may result in liquid line flashing and resultant poor system performance.

NOTE: Compressor amps are based on the maximum cataloged suction temperature for the condensing unit. Limiting the operation to this envelope is required via a MOP expansion valve or other means.

NSB Dimensions







⊕ 2 1/2" DIA. RIGGING HOLES
✳ 5/8" DIA. UNIT MOUNTING HOLES
ALL DIMENSIONS +/- 1/2"

High Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSB05H	88	78	48 1/2	65	4	-	-
NSB06H	88	78	48 1/2	65	4	-	-
NSB08H	88	78	48 1/2	65	4	-	-
NSB09H	120	110	48 1/2	65	4	55	-
NSB10H	120	110	48 1/2	65	4	55	-
NSB12H	120	110	48 1/2	65	4	55	-
NSB15H	120	110	48 1/2	65	4	55	-
NSB20H	152	142	48 1/2	65	4	71	-
NSB22H	152	142	48 1/2	65	4	71	-
NSB25H	184	174	48 1/2	65	4	61	113
NSB30H	184	174	48 1/2	65	4	61	113
NSB33H	216	206	48 1/2	65	4	71.5	134.5
NSB35H	216	206	48 1/2	65	4	71.5	135
NSB40H	216	206	48 1/2	65	4	71.5	134.5
NSB50H	216	206	48 1/2	65	4	71.5	135

[1] All dimensions in inches

Medium Temp Models

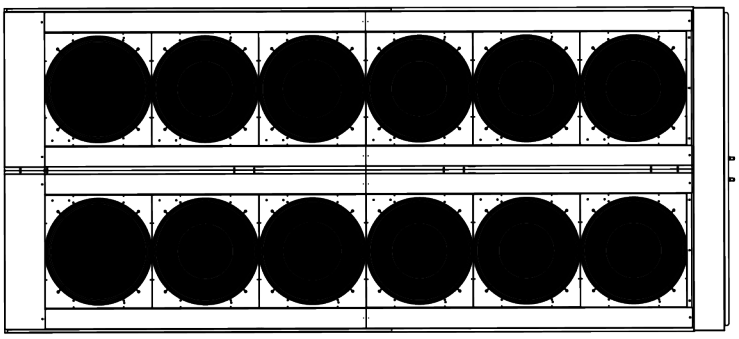
Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSB05M	88	78	48 1/2	65	4	-	-
NSB06M	88	78	48 1/2	65	4	-	-
NSB08M	88	78	48 1/2	65	4	-	-
NSB09M	88	78	48 1/2	65	4	-	-
NSB10M	88	78	48 1/2	65	4	-	-
NSB12M	88	78	48 1/2	65	4	-	-
NSB15M	88	78	48 1/2	65	4	-	-
NSB20M	88	78	48 1/2	65	4	-	-
NSB22M	120	110	48 1/2	65	4	55	-
NSB25M	120	110	48 1/2	65	4	55	-
NSB30M	120	110	48 1/2	65	4	55	-
NSB33M	152	142	48 1/2	65	4	71	-
NSB35M	152	142	48 1/2	65	4	71	-
NSB40M	184	174	48 1/2	65	4	61	113
NSB50M	184	174	48 1/2	65	4	61	113

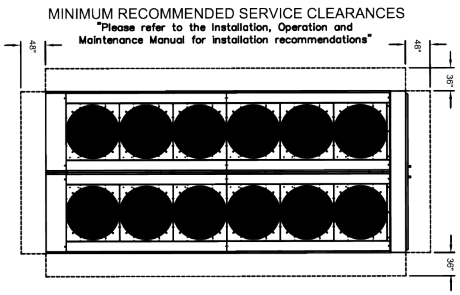
Low Temp Models

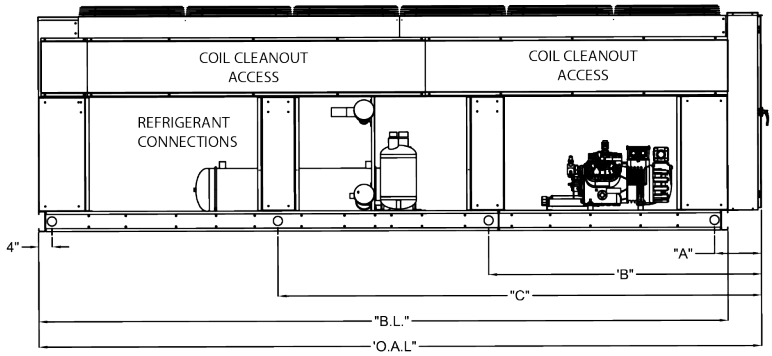
Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSB03L	88	78	48 1/2	65	4	-	-
NSB04L	88	78	48 1/2	65	4	-	-
NSB05L	88	78	48 1/2	65	4	-	-
NSB06L	88	78	48 1/2	65	4	-	-
NSB08L	88	78	48 1/2	65	4	-	-
NSB10L	88	78	48 1/2	65	4	-	-
NSB12L	88	78	48 1/2	65	4	-	-
NSB13L	88	78	48 1/2	65	4	-	-
NSB15L	88	78	48 1/2	65	4	-	-
NSB20L	120	110	48 1/2	65	4	55	-
NSB22L	120	110	48 1/2	65	4	55	-
NSB25L	152	142	48 1/2	65	4	71	-
NSB30L	152	142	48 1/2	65	4	71	-
NSB40L	184	174	48 1/2	65	4	61	113

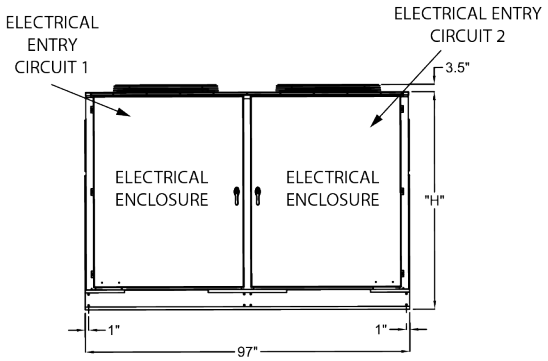
[1] All dimensions in inches

NDB Dimensions









⊕ 2 1/2" DIA. RIGGING HOLES
✳ 5/8" DIA. UNIT MOUNTING HOLES
ALL DIMENSIONS +/- 1/2"

High Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDB10H	88	78	97	65	4	-	-
NDB12H	88	78	97	65	4	-	-
NDB16H	88	78	97	65	4	-	-
NDB18H	120	110	97	65	4	55	-
NDB20H	120	110	97	65	4	55	-
NDB24H	120	110	97	65	4	55	-
NDB30H	120	110	97	65	4	55	-
NDB40H	152	142	97	65	4	71	-
NDB44H	152	142	97	65	4	71	-
NDB50H	184	174	97	65	4	61	113
NDB60H	184	174	97	65	4	61	113
NDB66H	216	206	97	65	4	71.5	134.5
NDB70H	216	206	97	65	4	71.5	135
NDB80H	216	206	97	65	4	71.5	134.5
NDB100H	216	206	97	65	4	71.5	135

Medium Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDB10M	88	78	97	65	4	-	-
NDB12M	88	78	97	65	4	-	-
NDB16M	88	78	97	65	4	-	-
NDB18M	88	78	97	65	4	-	-
NDB20M	88	78	97	65	4	-	-
NDB24M	88	78	97	65	4	-	-
NDB30M	88	78	97	65	4	-	-
NDB40M	88	78	97	65	4	-	-
NDB44M	120	110	97	65	4	55	-
NDB50M	120	110	97	65	4	55	-
NDB60M	120	110	97	65	4	55	-
NDB66M	152	142	97	65	4	71	-
NDB70M	152	142	97	65	4	71	-
NDB80M	184	174	97	65	4	61	113
NDB100M	184	174	97	65	4	61	113

Low Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDB06L	88	78	97	65	4	-	-
NDB08L	88	78	97	65	4	-	-
NDB10L	88	78	97	65	4	-	-
NDB12L	88	78	97	65	4	-	-
NDB16L	88	78	97	65	4	-	-
NDB20L	88	78	97	65	4	-	-
NDB24L	88	78	97	65	4	-	-
NDB26L	88	78	97	65	4	-	-
NDB30L	88	78	97	65	4	-	-
NDB40L	120	110	97	65	4	55	-
NDB44L	120	110	97	65	4	55	-
NDB50L	152	142	97	65	4	71	-
NDB60L	152	142	97	65	4	71	-
NDB80L	184	174	97	65	4	61	113

[1] All dimensions in inches

AWEF Tables

AWEF Data							
	R448a	R449a	R407a	R407c	R407f	R507	R404a
NSB03L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB04L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB05L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB06L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB08L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB10L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB12L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB13L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB15L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB20L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB22L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB25L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB30L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NSB40L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB06L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB08L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB10L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB12L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB16L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB20L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB24L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB26L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB30L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB40L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB44L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB50L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB60L	3.15	3.15	3.15	N/A	3.15	3.15	3.15
NDB80L	3.15	3.15	3.15	N/A	3.15	3.15	3.15

AWEF Data							
	R448a	R449a	R407a	R407c	R407f	R507	R404a
NSB05H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB06H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB08H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB09H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB10H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB12H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB15H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB20H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB22H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB25H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB30H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB33H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB35H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB40H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB50H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB10H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB12H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB16H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB18H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB20H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB24H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB30H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB40H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB44H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB50H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB60H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB66H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB70H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB80H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB100H	7.6	7.6	7.6	7.6	7.6	7.6	7.6

AWEF Data							
	R448a	R449a	R407a	R407c	R407f	R507	R404a
NSB05M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB06M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB08M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB09M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB10M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB12M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB15M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB20M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB22M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB25M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB30M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB33M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB35M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB40M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSB50M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB10M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB12M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB16M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB18M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB20M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB24M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB30M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB40M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB44M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB50M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB60M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB66M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB70M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB80M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDB100M	7.6	7.6	7.6	7.6	7.6	7.6	7.6

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