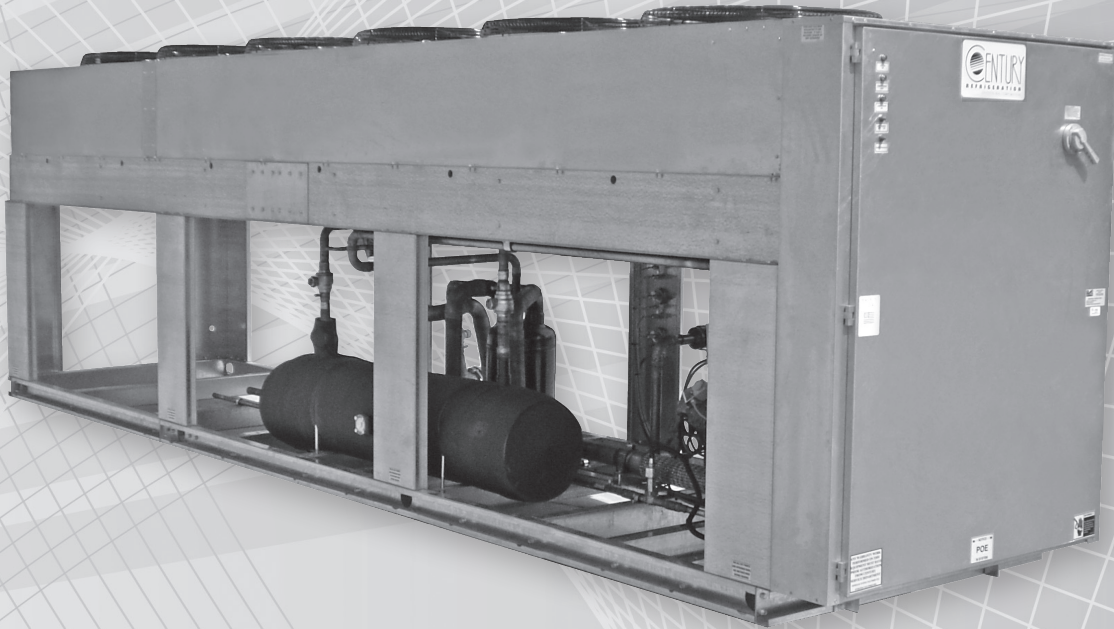


N SERIES

Air-Cooled Condensing Units - Technical Catalog

Featuring Copeland™ Compressors
404A and 507 Refrigerants




REFRIGERATION
DIVISION RAE CORPORATION

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
- Electronic oil control
- Run/Pumpdown switch
- 12 FPI max condensing surface
- Oversized high-efficiency condensers
- Condenser coil cleanout access
- Wiring raceway

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.



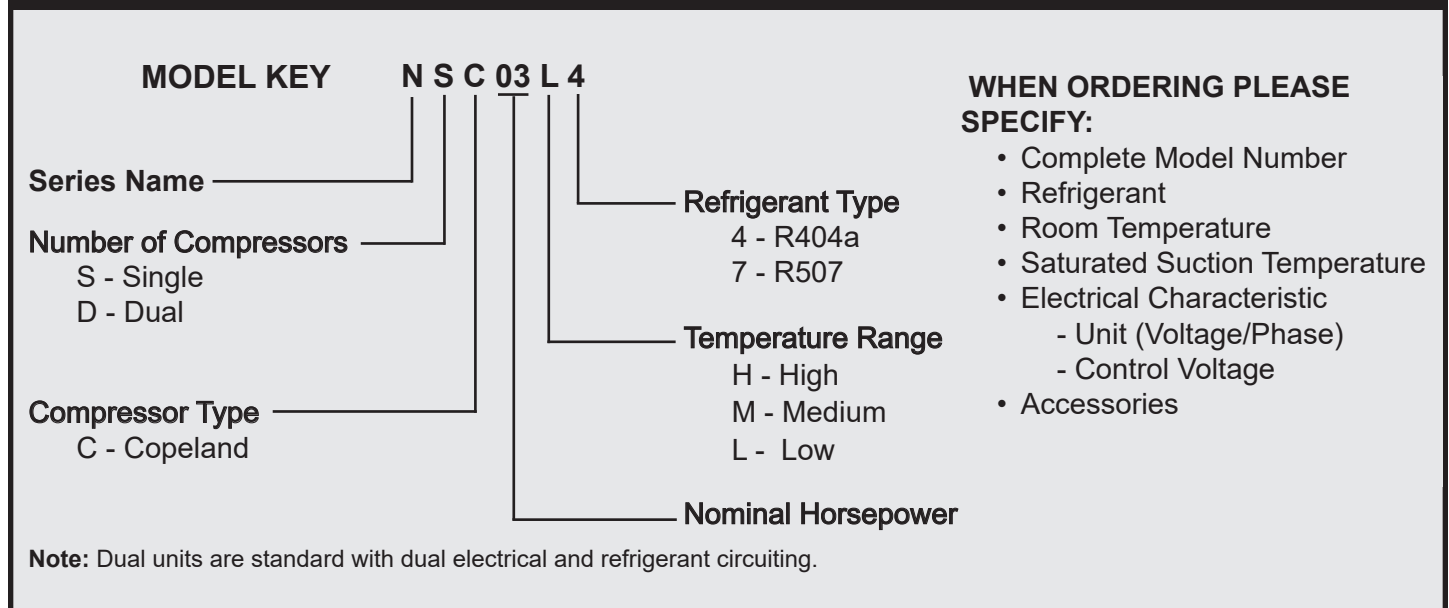
U.S. DEPARTMENT OF
ENERGY

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)
- Drier isolation valves
- 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 (LED)
- 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



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. Access for coil cleaning comes standard.

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, Copeland™ compressors are applied throughout the line. Each compressor is equipped with reversible oil pump, suction and discharge service valves with gauge ports, inherent three phase

overload protection, oil level sight glass, crankcase heater, spring isolator mounting, in line discharge vibrasorber and auxiliary head cooling fan and/or oil cooler (where required.)

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}			
		NSC03L4	NSC04L4	NSC05L4	NSC08L4
Compressor Model Number		2DF3F16KE	2DL3F20KE	2DA3F23KE	3DB3F33KE
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	27.7	33.8	36.3	49.0
	230 V	25.6	31.1	33.4	44.8
	460 V	12.8	15.5	16.7	22.4
	575 V	10.0	12.2	13.1	17.7
Compressor RLA (each)	208 V	17.7	22.6	24.5	34.7
	230 V	16.0	20.4	22.2	31.4
	460 V	8.0	10.2	11.1	15.7
	575 V	6.4	8.2	8.9	12.6
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	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		28	28	28	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	28	28	28	37
	w/ Flood Control³	48	49	49	58
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
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	1,478
Unit Operating Weight - Approximate (lbs.)⁷		1,179	1,188	1,194	1,433

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	12,534	3.70	14,555	3.98	16,955	4.44	23,710	5.91
	-30° F	17,178	4.24	19,972	4.53	23,026	5.09	31,411	6.85
	-20° F	22,911	4.73	26,400	5.09	29,892	5.72	40,360	7.79
	-10° F	29,568	5.21	33,777	5.66	37,814	6.36	50,562	8.77
	0° F	37,306	5.71	42,236	6.24	46,858	7.02	62,049	9.84
95° F	-40° F ⁶	10,920	3.69	12,844	3.98	15,023	4.45	21,335	5.96
	-30° F	15,335	4.29	17,893	4.59	20,730	5.16	28,706	7.00
	-20° F	20,644	4.84	23,868	5.20	27,101	5.86	37,003	8.03
	-10° F	26,722	5.36	30,633	5.82	34,335	6.55	46,326	9.10
	0° F	33,695	5.89	38,388	6.44	42,621	7.26	56,742	10.25
105° F	-40° F	9,219	3.60	11,103	3.95	13,057	4.41	18,720	5.94
	-30° F	13,469	4.29	15,817	4.62	18,397	5.19	25,885	7.09
	-20° F	18,401	4.90	21,299	5.28	24,339	5.95	33,627	8.23
	-10° F	23,961	5.47	27,477	5.95	30,920	6.70	42,171	9.40
	0° F	30,181	6.04	34,490	6.62	38,388	7.47	51,494	10.65
115° F	-40° F	7,377	3.45	9,368	3.88	11,039	4.33	15,882	5.83
	-30° F	11,520	4.00	13,710	4.60	16,077	5.18	22,914	7.11
	-20° F	16,106	4.90	18,715	5.32	21,572	6.00	30,228	8.37
	-10° F	21,198	5.54	24,339	6.03	27,526	6.82	-	-
	0° F	26,757	6.15	30,621	6.75	-	-	-	-

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 NDC 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}			
		NSC10L4	NSC12L4	NSC15L4	NSC22L4
Compressor Model Number		3DS3F46KE	4DBNF54KE	4DHNF63KE	4DJNF76KE
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	59.5	81.0	86.8	108.8
	230 V	54.4	74.2	79.5	99.8
	460 V	27.2	37.1	39.7	49.9
	575 V	21.5	29.2	31.3	39.2
Compressor RLA (each)	208 V	43.1	56.6	61.3	75.2
	230 V	39.0	51.2	55.4	68.0
	460 V	19.5	25.6	27.7	34.0
	575 V	15.6	20.5	22.2	27.2
Total Number of Condenser Fan Motors		1	2	2	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.)		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	40	57	67	76
	w/ Flood Control ³	67	98	108	137
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	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,640	1,761	1,892	2,240
Unit Operating Weight - Approximate (lbs.) ⁷		1,595	1,716	1,880	2,229

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	32,643	7.61	37,492	9.67	45,017	11.32	55,226	13.79
	-30° F	42,890	8.92	50,780	11.18	60,486	13.06	74,850	15.90
	-20° F	54,546	10.32	65,087	12.57	76,823	14.72	95,857	17.88
	-10° F	67,546	11.78	81,463	13.98	94,955	16.39	118,807	19.87
	0° F	81,717	13.27	100,817	15.52	115,535	18.20	144,211	21.95
95° F	-40° F ⁶	29,799	7.68	32,918	9.63	39,446	11.36	49,045	13.81
	-30° F	39,387	9.11	46,083	11.41	53,989	13.29	67,560	16.20
	-20° F	50,158	10.62	59,614	13.03	69,335	15.13	86,875	18.42
	-10° F	61,957	12.18	74,710	14.60	86,088	16.99	107,927	20.58
	0° F	74,824	13.75	92,235	16.23	105,279	18.98	130,993	22.82
105° F	-40° F	26,409	7.66	27,849	9.36	34,310	11.28	42,249	13.62
	-30° F	35,419	9.22	41,030	11.45	48,192	13.44	59,973	16.33
	-20° F	45,354	10.84	53,895	13.33	62,387	15.50	78,226	18.83
	-10° F	56,099	12.50	67,805	15.10	77,975	17.58	97,643	21.24
	0° F	-	-	83,537	16.89	95,612	19.80	118,920	23.66
115° F	-40° F	22,385	7.55	22,013	8.81	29,883	11.07	34,681	13.17
	-30° F	30,893	9.24	35,156	11.22	43,084	13.48	52,043	16.24
	-20° F	-	-	47,661	13.40	56,268	15.81	69,655	19.08
	-10° F	-	-	60,417	15.42	-	-	87,920	21.77
	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 NDC 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}			
		NSC25L4	NSC30L4	NSC40L4	NDC06L4
Compressor Model Number		6DHNF93KE	6DJNF11ME	6DUNF13ME	2DF3F16KE
Quantity of Compressors		1	1	1	2
MCA ¹ per circuit	208 V	129.8	157.9	-	27.7
	230 V	118.8	144.6	-	25.6
	460 V	59.4	72.3	85.8	12.8
	575 V	46.8	56.9	-	10.0
Compressor RLA (each)	208 V	92.0	110.8	-	17.7
	230 V	83.2	100.2	-	16.0
	460 V	41.6	50.1	60.9	8.0
	575 V	33.3	40.1	-	6.4
Total Number of Condenser Fan Motors		3	4	4	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
	230 V	4.6	4.6	-	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	-	1.6
Receiver Size per circuit (in.)		10x60	10x60	10x60	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		144	144	144	28
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	111	111	119	28
	w/ Flood Control ³	191	191	220	48
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 5/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,562	2,628	3,034	2,553
Unit Operating Weight - Approximate (lbs.) ⁷		2,608	2,674	3,080	2,316

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	65,590	16.78	76,824	20.06	96,520	23.90	25,068	7.41
	-30° F	88,719	19.53	102,363	23.15	134,450	27.84	34,356	8.48
	-20° F	115,233	22.35	131,972	26.40	170,388	32.03	45,821	9.46
	-10° F	145,512	25.23	165,679	29.87	209,301	36.41	59,136	10.43
	0° F	179,534	28.21	203,315	33.60	256,182	40.93	74,613	11.42
95° F	-40° F ⁶	58,765	16.86	68,247	20.20	85,889	23.98	21,839	7.37
	-30° F	80,252	19.88	92,501	23.64	120,278	28.35	30,670	8.58
	-20° F	104,497	22.97	119,892	27.20	152,684	32.93	41,289	9.68
	-10° F	131,966	26.15	150,665	30.92	188,859	37.64	53,443	10.73
	0° F	162,657	29.44	184,635	34.87	233,020	42.45	67,390	11.77
105° F	-40° F	51,769	16.79	59,245	20.10	74,540	23.84	18,439	7.21
	-30° F	71,538	20.08	82,443	23.91	105,830	28.65	26,938	8.57
	-20° F	93,448	23.48	107,873	27.80	135,438	33.62	36,802	9.80
	-10° F	118,228	26.97	135,817	31.81	169,005	38.68	47,923	10.95
	0° F	145,779	30.57	166,338	35.99	211,224	43.78	60,363	12.07
115° F	-40° F	44,669	16.56	50,170	19.72	63,181	23.45	14,753	6.90
	-30° F	62,556	20.15	72,393	23.91	91,533	28.69	23,041	8.44
	-20° F	82,448	23.85	96,032	28.15	119,101	34.06	32,212	9.81
	-10° F	104,304	27.67	-	-	150,606	39.48	42,397	11.08
	0° F	-	-	-	-	-	-	53,513	12.30

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 NDC 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}			
		NDC08L4	NDC10L4	NDC16L4	NDC20L4
Compressor Model Number		2DL3F20KE	2DA3F23KE	3DB3F33KE	3DS3F46KE
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	33.8	36.3	49.0	59.5
	230 V	31.1	33.4	44.8	54.4
	460 V	15.5	16.7	22.4	27.2
	575 V	12.2	13.1	17.7	21.5
Compressor RLA (each)	208V	22.6	24.5	34.7	43.1
	230 V	20.4	22.2	31.4	39.0
	460 V	10.2	11.1	15.7	19.5
	575 V	8.2	8.9	12.6	15.6
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 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,571	2,584	2,977	3,303
Unit Operating Weight - Approximate (lbs.) ⁷		2,334	2,347	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	29,110	7.96	33,910	8.87	47,421	11.82	65,286	15.22
	-30° F	39,945	9.07	46,053	10.18	62,822	13.70	85,780	17.85
	-20° F	52,799	10.19	59,784	11.44	80,721	15.57	109,091	20.65
	-10° F	67,554	11.32	75,629	12.72	101,123	17.53	135,093	23.56
	0° F	84,473	12.47	93,716	14.05	124,098	19.68	163,433	26.53
95° F	-40° F ⁶	25,688	7.96	30,046	8.90	42,669	11.92	59,598	15.36
	-30° F	35,785	9.18	41,460	10.33	57,413	14.00	78,773	18.23
	-20° F	47,737	10.41	54,202	11.71	74,006	16.07	100,316	21.24
	-10° F	61,266	11.64	68,671	13.09	92,652	18.20	123,915	24.35
	0° F	76,777	12.89	85,243	14.52	113,485	20.50	149,648	27.49
105° F	-40° F	22,206	7.90	26,113	8.83	37,441	11.87	52,818	15.33
	-30° F	31,635	9.23	36,794	10.39	51,770	14.18	70,837	18.44
	-20° F	42,597	10.56	48,677	11.90	67,253	16.46	90,708	21.68
	-10° F	54,955	11.89	61,840	13.40	84,342	18.80	112,197	25.01
	0° F	68,980	13.23	76,777	14.95	102,988	21.29	-	-
115° F	-40° F	18,737	7.75	22,077	8.67	31,764	11.66	44,770	15.10
	-30° F	27,421	9.20	32,153	10.36	45,827	14.21	61,787	18.47
	-20° F	37,429	10.63	43,143	12.01	60,456	16.73	-	-
	-10° F	48,678	12.07	55,052	13.64	-	-	-	-
	0° F	61,242	13.50	-	-	-	-	-	-

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 NDC 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}			
		NDC24L4	NDC30L4	NDC44L4	NDC50L4
Compressor Model Number		4DBNF54KE	4DHNF63KE	4DJNF76KE	6DHNF93KE
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	81.0	86.8	108.8	129.8
	230 V	74.2	79.5	99.8	118.8
	460 V	37.1	39.7	49.9	59.4
	575 V	29.2	31.3	39.2	46.8
Compressor RLA (each)	208 V	56.6	61.3	75.2	92.0
	230 V	51.2	55.4	68.0	83.2
	460 V	25.6	27.7	34.0	41.6
	575 V	20.5	22.2	27.2	33.3
Total Number of Condenser Fan Motors		4	4	6	6
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.)		8x42	8x60	8x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)²		65	94	94	144
Unit Operating Charge per circuit (approx. lbs.)	Standard³	57	67	76	111
	w/ Flood Control³	98	108	137	191
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.)		7/8	7/8	7/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		3,551	3,805	4,502	5,145
Unit Operating Weight - Approximate (lbs.)⁷		3,399	3,720	4,417	5,175

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	74,984	19.34	90,033	22.63	110,452	27.58	131,181	33.56
	-30° F	101,560	22.35	120,972	26.12	149,700	31.79	177,438	39.07
	-20° F	130,174	25.15	153,646	29.43	191,714	35.76	230,466	44.70
	-10° F	162,927	27.97	189,910	32.78	237,613	39.73	291,024	50.47
	0° F	201,635	31.04	231,071	36.40	288,422	43.91	359,068	56.41
95° F	-40° F ⁶	65,836	19.26	78,893	22.72	98,090	27.62	117,530	33.72
	-30° F	92,166	22.82	107,978	26.58	135,120	32.39	160,504	39.75
	-20° F	119,228	26.06	138,671	30.25	173,749	36.83	208,993	45.94
	-10° F	149,419	29.19	172,177	33.97	215,854	41.16	263,932	52.30
	0° F	184,471	32.46	210,558	37.95	261,987	45.63	325,315	58.88
105° F	-40° F	55,698	18.72	68,621	22.57	84,499	27.24	103,539	33.58
	-30° F	82,061	22.89	96,383	26.87	119,947	32.65	143,076	40.16
	-20° F	107,789	26.66	124,774	31.00	156,451	37.66	186,896	46.95
	-10° F	135,611	30.20	155,950	35.16	195,287	42.47	236,457	53.93
	0° F	167,073	33.78	191,224	39.60	237,841	47.31	291,559	61.14
115° F	-40° F	44,027	17.63	59,765	22.13	69,361	26.34	89,338	33.12
	-30° F	70,313	22.45	86,168	26.97	104,086	32.49	125,113	40.29
	-20° F	95,323	26.80	112,535	31.63	139,310	38.15	164,897	47.69
	-10° F	120,834	30.85	-	-	175,840	43.55	208,608	55.34
	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 NDC 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}	
		NDC60L4	NDC80L4
Compressor Model Number		6DJNF11ME	6DUNF13ME
Quantity of Compressors		2	2
MCA¹ per circuit	208 V	157.9	-
	230 V	144.6	-
	460 V	72.3	85.8
	575 V	56.9	-
Compressor RLA (each)	208 V	110.8	-
	230 V	100.2	-
	460 V	50.1	60.9
	575 V	40.1	-
Total Number of Condenser Fan Motors		8	8
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	-
	230 V	4.6	-
	460 V	2.3	2.3
	575 V	1.6	-
Receiver Size per circuit (in.)		10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)²		144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard³	111	119
	w/ Flood Control³	191	220
Suction Connection per circuit - ODS (in.)⁹		2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		5,277	6,100
Unit Operating Weight - Approximate (lbs.)⁷		5,307	6,129

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.				
85° F	-40° F	153,648	40.12	193,040	47.79
	-30° F	204,726	46.30	268,899	55.67
	-20° F	263,944	52.80	340,776	64.05
	-10° F	331,358	59.74	418,602	72.83
	0° F	406,630	67.19	512,365	81.86
95° F	-40° F ⁶	136,494	40.40	171,777	47.96
	-30° F	185,002	47.28	240,555	56.70
	-20° F	239,783	54.40	305,368	65.86
	-10° F	301,331	61.85	377,718	75.29
	0° F	369,270	69.73	466,040	84.91
105° F	-40° F	118,490	40.20	149,080	47.69
	-30° F	164,887	47.82	211,659	57.30
	-20° F	215,747	55.60	270,877	67.24
	-10° F	271,634	63.62	338,011	77.37
	0° F	332,677	71.97	422,448	87.56
115° F	-40° F	100,339	39.43	126,362	46.90
	-30° F	144,785	47.82	183,066	57.39
	-20° F	192,064	56.30	238,202	68.13
	-10° F	-	-	301,212	78.95
	0° F	-	-	-	-

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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.)

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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.

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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}			
		NSC05M4	NSC08M4	NSC09M4	NSC10M4
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	36.0	48.7	60.9	65.9
	230 V	33.1	44.6	55.6	60.1
	460 V	16.6	22.3	27.8	30.0
	575 V	13.0	17.6	22.0	23.8
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
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	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		28	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	28	56	56	56
	w/ Flood Control³	49	87	87	87
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,286	1,371	1,370	1,503
Unit Operating Weight - Approximate (lbs.)⁷		1,198	1,326	1,325	1,458

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	26,591	4.61	39,563	6.25	45,023	7.23	53,805	8.64
	0° F	34,044	5.02	49,826	6.86	56,954	8.02	67,725	9.64
	10° F	43,270	5.47	61,876	7.47	70,933	8.81	82,378	10.64
	20° F	54,082	5.93	75,720	8.09	85,813	9.58	98,471	11.64
	25° F	59,948	6.15	82,905	8.40	93,868	9.95	106,963	12.15
	30° F	65,832	6.37	90,439	8.71	102,104	10.33	115,713	12.66
	45° F	84,647	6.93	115,272	9.67	128,603	11.41	143,949	14.18
95° F	-10° F	24,106	4.75	35,862	6.43	41,537	7.49	49,115	8.94
	0° F	30,827	5.19	45,321	7.10	52,392	8.36	61,919	10.02
	10° F	39,132	5.68	56,272	7.77	65,003	9.21	75,412	11.11
	20° F ⁶	48,862	6.19	68,811	8.46	78,544	10.06	89,814	12.20
	25° F	54,225	6.44	75,441	8.80	85,728	10.48	97,456	12.75
	30° F	59,711	6.69	82,290	9.15	93,143	10.89	105,308	13.30
	45° F ⁶	76,732	7.35	104,634	10.23	116,861	12.08	-	-
105° F	-10° F	21,729	4.89	32,082	6.56	38,030	7.73	44,359	9.20
	0° F	27,692	5.35	40,782	7.29	47,935	8.67	56,049	10.37
	10° F	35,065	5.87	50,648	8.03	59,194	9.60	68,369	11.55
	20° F	43,689	6.42	61,829	8.79	71,449	10.52	81,101	12.74
	25° F	48,435	6.70	67,904	9.18	77,784	10.97	-	-
	30° F	53,405	6.97	74,060	9.57	84,389	11.42	-	-
	45° F	68,687	7.72	-	-	-	-	-	-
115° F	-10° F	19,443	5.00	28,268	6.67	34,086	7.94	39,438	9.42
	0° F	24,606	5.47	36,245	7.45	43,097	8.94	-	-
	10° F	31,011	6.02	45,067	8.26	-	-	-	-

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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 NDC 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}			
		NSC12M4	NSC15M4	NSC22M4	NSC25M4
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHNR22ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	82.7	95.6	116.6	147.8
	230 V	75.3	87.4	106.4	135.0
	460 V	37.7	43.7	53.2	67.5
	575 V	29.9	34.5	42.1	53.3
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
Total Number of Condenser Fan Motors		1	2	2	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	8x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard³	83	83	92	102
	w/ Flood Control³	124	124	152	184
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,586	1,797	2,100	2,300
Unit Operating Weight - Approximate (lbs.)⁷		1,574	1,786	2,088	2,288

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	66,333	10.60	74,740	12.58	94,225	15.33	102,613	17.15
	0° F	82,223	11.86	93,718	13.89	116,998	16.91	127,845	18.76
	10° F	99,594	13.16	114,996	15.25	145,094	18.56	159,504	20.44
	20° F	118,451	14.53	138,007	16.65	175,372	20.28	195,348	22.15
	25° F	128,317	15.25	150,255	17.37	191,240	21.16	213,545	23.02
	30° F	138,551	15.99	162,925	18.12	207,356	22.04	232,125	23.88
	45° F	170,425	18.37	203,741	20.48	254,724	24.70	287,571	26.45
95° F	-10° F	60,524	10.98	68,352	13.00	85,645	15.84	93,337	17.70
	0° F	75,319	12.30	85,676	14.41	105,794	17.53	115,700	19.45
	10° F	90,974	13.70	105,183	15.88	131,460	19.32	144,311	21.27
	20° F ⁶	107,834	15.17	125,768	17.40	159,195	21.18	177,306	23.16
	25° F	116,653	15.94	136,797	18.19	173,642	22.14	193,895	24.12
	30° F	125,630	16.73	148,186	18.99	188,300	23.10	210,824	25.08
	45° F ⁶	-	-	184,392	21.56	231,395	26.03	261,097	27.97
105° F	-10° F	54,797	11.32	61,985	13.40	77,163	16.31	84,220	18.21
	0° F	68,449	12.72	77,742	14.90	94,953	18.10	104,006	20.07
	10° F	82,406	14.21	95,326	16.47	117,927	20.01	129,568	22.04
	20° F	-	-	113,775	18.11	143,483	22.01	159,259	24.09
	25° F	-	-	123,454	18.96	156,560	23.05	174,914	25.14
	30° F	-	-	-	-	-	-	190,250	26.19
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	-	-	55,659	13.77	68,529	16.75	74,986	18.69
	0° F	-	-	-	-	84,159	18.63	92,327	20.66
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-404a - Medium Temp		Model Numbers^{5,8}			
		NSC30M4	NSC35M4	NSC40M4	NSC50M4
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	172.6	214.9	234.5	-
	230 V	157.5	195.8	213.9	-
	460 V	78.8	97.9	107.0	129.4
	575 V	62.3	77.6	84.6	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		3	3	4	5
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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	-
Receiver Size per circuit (in.)		8x60	10x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	144	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	129	151	198	198
	w/ Flood Control³	210	259	332	332
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		2,318	2,647	3,104	3,226
Unit Operating Weight - Approximate (lbs.)⁷		2,307	2,693	3,217	3,338

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	118,181	19.68	155,108	24.81	182,311	29.74	223,070	37.65
	0° F	150,227	21.99	194,532	27.61	227,954	33.11	270,979	41.94
	10° F	186,598	24.42	237,662	30.40	281,240	36.48	329,873	46.41
	20° F	225,215	26.93	284,096	33.14	337,709	39.93	396,302	51.15
	25° F	245,645	28.20	308,899	34.51	367,933	41.69	431,087	53.65
	30° F	266,894	29.46	334,621	35.87	399,050	43.51	466,364	56.23
	45° F	333,507	33.23	418,017	39.93	497,176	49.38	568,734	64.56
95° F	-10° F	107,321	20.25	140,391	25.51	165,603	30.63	202,681	38.82
	0° F	136,049	22.73	176,440	28.62	207,349	34.31	245,838	43.52
	10° F	169,208	25.35	216,589	31.71	255,941	38.01	300,462	48.36
	20° F ⁶	204,102	28.05	258,822	34.79	308,139	41.81	361,094	53.45
	25° F	222,420	29.42	281,480	36.31	335,151	43.78	392,701	56.11
	30° F	241,461	30.79	304,958	37.84	363,612	45.78	424,634	58.85
	45° F ⁶	301,325	34.87	381,527	42.35	451,533	52.26	-	-
105° F	-10° F	96,844	20.75	125,501	26.04	149,641	31.34	181,942	39.76
	0° F	122,246	23.40	158,322	29.48	187,068	35.36	220,132	44.88
	10° F	151,409	26.21	195,219	32.89	230,259	39.42	270,119	50.10
	20° F	182,805	29.11	233,916	36.29	277,848	43.58	325,200	55.52
	25° F	199,204	30.57	254,504	37.98	301,789	45.75	-	-
	30° F	-	-	-	-	327,017	47.95	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	86,732	21.20	110,497	26.37	133,453	31.88	161,241	40.43
	0° F	108,664	24.02	-	-	166,332	36.24	-	-
	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 NDC 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}			
		NDC10M4	NDC16M4	NDC18M4	NDC20M4
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	36.0	48.7	60.9	65.9
	230 V	33.1	44.6	55.6	60.1
	460 V	16.6	22.3	27.8	30.0
	575 V	13.0	17.6	22.0	23.8
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
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.)	Standard³	28	56	56	56
	w/ Flood Control³	49	87	87	87
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,592	2,763	2,760	3,028
Unit Operating Weight - Approximate (lbs.)⁷		2,355	2,612	2,608	2,876

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	53,182	9.22	79,126	12.49	90,045	14.47	107,609	17.29
	0° F	68,089	10.04	99,651	13.72	113,909	16.05	135,451	19.27
	10° F	86,540	10.93	123,752	14.95	141,866	17.61	164,756	21.27
	20° F	108,163	11.85	151,439	16.18	171,625	19.15	196,942	23.28
	25° F	119,896	12.30	165,809	16.80	187,735	19.90	213,927	24.29
	30° F	131,664	12.73	180,878	17.43	204,209	20.65	231,425	25.32
	45° F	169,294	13.86	230,543	19.33	257,206	22.83	287,898	28.37
95° F	-10° F	48,211	9.51	71,723	12.85	83,073	14.99	98,231	17.88
	0° F	61,654	10.39	90,641	14.19	104,785	16.72	123,838	20.04
	10° F	78,263	11.36	112,544	15.54	130,006	18.43	150,823	22.22
	20° F ⁶	97,724	12.38	137,623	16.91	157,087	20.13	179,628	24.41
	25° F	108,450	12.88	150,883	17.61	171,455	20.96	194,911	25.51
	30° F	119,422	13.37	164,580	18.31	186,286	21.78	210,616	26.61
	45° F ⁶	153,463	14.70	209,269	20.46	233,722	24.17	-	-
105° F	-10° F	43,457	9.77	64,164	13.13	76,059	15.47	88,717	18.40
	0° F	55,384	10.69	81,564	14.58	95,871	17.33	112,097	20.73
	10° F	70,129	11.74	101,296	16.06	118,387	19.19	136,738	23.09
	20° F	87,378	12.84	123,658	17.58	142,898	21.03	162,202	25.47
	25° F	96,869	13.39	135,808	18.35	155,568	21.94	-	-
	30° F	106,810	13.94	148,120	19.13	168,779	22.83	-	-
	45° F	137,375	15.45	-	-	-	-	-	-
115° F	-10° F	38,886	10.00	56,536	13.34	68,173	15.88	78,876	18.84
	0° F	49,212	10.95	72,491	14.90	86,195	17.88	-	-
	10° F	62,021	12.04	90,134	16.52	-	-	-	-

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 NDC 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.

R404a - Med. Temp.

R-404a - Medium Temp		Model Numbers^{5, 8}			
		NDC24M4	NDC30M4	NDC44M4	NDC50M4
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHNR22ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	82.7	95.6	116.6	147.8
	230 V	75.3	87.4	106.4	135.0
	460 V	37.7	43.7	53.2	67.5
	575 V	29.9	34.5	42.1	53.3
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
Total Number of Condenser Fan Motors		2	4	4	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	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard³	83	83	92	102
	w/ Flood Control³	124	124	152	184
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	2 1/8	2 1/8
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	4,222	4,621
Unit Operating Weight - Approximate (lbs.)⁷		3,108	3,532	4,137	4,536

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	132,666	21.20	149,480	25.16	188,450	30.67	205,226	34.29
	0° F	164,447	23.71	187,436	27.79	233,995	33.81	255,690	37.52
	10° F	199,188	26.31	229,991	30.49	290,187	37.13	319,009	40.89
	20° F	236,903	29.06	276,014	33.29	350,744	40.57	390,696	44.31
	25° F	256,634	30.50	300,509	34.75	382,480	42.32	427,089	46.04
	30° F	277,101	31.97	325,850	36.24	414,711	44.08	464,251	47.77
	45° F	340,850	36.74	407,481	40.97	509,447	49.41	575,141	52.91
95° F	-10° F	121,049	21.95	136,703	26.01	171,291	31.67	186,674	35.39
	0° F	150,638	24.61	171,352	28.83	211,587	35.06	231,400	38.89
	10° F	181,948	27.39	210,366	31.75	262,920	38.63	288,622	42.54
	20° F ⁶	215,668	30.33	251,536	34.80	318,389	42.37	354,612	46.33
	25° F	233,306	31.87	273,594	36.37	347,283	44.28	387,790	48.24
	30° F	251,260	33.47	296,373	37.99	376,599	46.21	421,649	50.16
	45° F ⁶	-	-	368,783	43.13	462,790	52.05	522,194	55.93
105° F	-10° F	109,593	22.65	123,970	26.81	154,325	32.62	168,439	36.42
	0° F	136,898	25.45	155,484	29.80	189,906	36.20	208,012	40.15
	10° F	164,812	28.41	190,653	32.94	235,854	40.02	259,136	44.09
	20° F	-	-	227,550	36.21	286,966	44.03	318,518	48.19
	25° F	-	-	246,908	37.91	313,120	46.09	349,829	50.28
	30° F	-	-	-	-	-	-	380,500	52.38
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	-	-	111,318	27.54	137,058	33.50	149,971	37.38
	0° F	-	-	-	-	168,319	37.26	184,654	41.32
	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 NDC 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}			
		NDC60M4	NDC70M4	NDC80M4	NDC100M4
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	172.6	214.9	234.5	-
	230 V	157.5	195.8	213.9	-
	460 V	78.8	97.9	107.0	129.4
	575 V	62.3	77.6	84.6	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		6	6	8	10
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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	-
Receiver Size per circuit (in.)		8x60	10x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	144	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	129	151	198	198
	w/ Flood Control ³	210	259	332	332
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		4,658	5,316	6,240	6,485
Unit Operating Weight - Approximate (lbs.) ⁷		4,572	5,346	6,403	6,648

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	236,363	39.36	310,217	49.62	364,621	59.48	446,141	75.31
	0° F	300,453	43.98	389,064	55.23	455,908	66.22	541,957	83.88
	10° F	373,196	48.83	475,324	60.79	562,480	72.97	659,747	92.82
	20° F	450,431	53.85	568,192	66.28	675,419	79.85	792,603	102.31
	25° F	491,290	56.40	617,798	69.01	735,866	83.38	862,173	107.30
	30° F	533,788	58.93	669,243	71.75	798,100	87.03	932,728	112.45
	45° F	667,015	66.47	836,033	79.87	994,352	98.77	1,137,468	129.11
95° F	-10° F	214,642	40.49	280,782	51.02	331,205	61.26	405,363	77.64
	0° F	272,098	45.46	352,880	57.25	414,698	68.63	491,676	87.03
	10° F	338,415	50.70	433,177	63.42	511,881	76.02	600,924	96.72
	20° F ⁶	408,203	56.10	517,644	69.58	616,278	83.62	722,189	106.89
	25° F	444,840	58.85	562,959	72.62	670,301	87.57	785,403	112.22
	30° F	482,922	61.59	609,915	75.67	727,225	91.55	849,268	117.69
	45° F ⁶	602,650	69.74	763,054	84.70	903,065	104.52	-	-
105° F	-10° F	193,688	41.51	251,002	52.08	299,282	62.69	363,884	79.52
	0° F	244,492	46.81	316,644	58.95	374,135	70.72	440,264	89.76
	10° F	302,817	52.42	390,438	65.78	460,518	78.85	540,239	100.20
	20° F	365,611	58.21	467,832	72.58	555,696	87.17	650,400	111.05
	25° F	398,409	61.14	509,009	75.95	603,578	91.51	-	-
	30° F	-	-	-	-	654,033	95.90	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	173,463	42.41	220,995	52.74	266,905	63.77	322,482	80.86
	0° F	217,328	48.04	-	-	332,664	72.49	-	-
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-404a - High Temp		Model Numbers ^{5, 8}			
		NSC05H4	NSC08H4	NSC09H4	NSC10H4
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	36.0	53.3	65.5	70.5
	230 V	33.1	49.2	60.2	64.7
	460 V	16.6	24.6	30.1	32.3
	575 V	13.0	19.2	23.6	25.4
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
Total Number of Condenser Fan Motors		1	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.)		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	72	98	100	129
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,350	1,598	1,732	1,934
Unit Operating Weight - Approximate (lbs.) ⁷		1,305	1,554	1,687	1,889

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	26,965	4.57	40,440	7.26	46,062	8.20	56,057	9.46
	0° F	34,635	4.97	51,121	7.83	58,676	8.91	71,145	10.30
	10° F	44,174	5.39	63,840	8.37	73,719	9.59	88,748	11.10
	20° F	55,427	5.81	78,835	8.90	91,290	10.22	109,211	11.86
	25° F	61,696	6.01	87,232	9.15	101,046	10.52	120,622	12.21
	30° F	68,286	6.20	96,231	9.40	111,403	10.81	132,817	12.56
	45° F	89,551	6.65	126,830	10.12	144,511	11.60	173,291	13.53
95° F	-10° F	24,433	4.72	36,807	7.46	42,451	8.47	51,452	9.80
	0° F	31,377	5.15	46,694	8.09	53,885	9.27	65,363	10.74
	10° F	40,006	5.61	58,282	8.71	67,433	10.03	81,369	11.64
	20° F ⁶	50,232	6.09	71,859	9.31	83,165	10.75	99,853	12.50
	25° F	55,867	6.32	79,376	9.61	91,875	11.10	110,051	12.92
	30° F	61,860	6.54	87,466	9.90	101,108	11.43	120,991	13.32
105° F	45° F ⁶	81,419	7.11	115,200	10.76	131,126	12.37	157,970	14.46
	-10° F	22,035	4.86	33,031	7.62	39,030	8.73	46,759	10.10
	0° F	28,208	5.31	42,159	8.30	49,474	9.60	59,561	11.14
	10° F	35,915	5.81	52,653	9.00	61,623	10.44	74,063	12.15
	20° F	45,011	6.34	64,807	9.68	75,575	11.26	90,569	13.12
	25° F	50,032	6.60	71,573	10.02	83,284	11.65	99,647	13.59
	30° F	55,370	6.85	78,787	10.36	91,432	12.03	109,371	14.05
115° F	45° F	72,939	7.53	103,370	11.36	118,435	13.10	142,391	15.35
	-10° F	19,734	4.98	29,213	7.74	35,345	8.95	41,962	10.36
	0° F	25,117	5.45	37,585	8.49	44,900	9.90	53,707	11.50
	10° F	31,841	5.98	47,062	9.25	55,820	10.82	66,715	12.61
	20° F	39,813	6.55	57,844	10.01	68,174	11.72	81,289	13.70
	25° F	44,210	6.84	63,773	10.40	74,892	12.16	89,277	14.23
	30° F	48,885	7.12	70,130	10.78	-	-	97,813	14.74
	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 NDC 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}			
		NSC12H4	NSC15H4	NSC22H4	NSC25H4
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHNR22ME
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	87.3	100.2	125.8	152.4
	230 V	79.9	92.0	115.6	139.6
	460 V	40.0	46.0	57.8	69.8
	575 V	31.5	36.1	45.3	54.9
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
Total Number of Condenser Fan Motors		2	3	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	10x60	12x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	144	202
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	99	100	122	156
	w/ Flood Control ³	181	181	230	291
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		2,057	2,154	2,578	2,980
Unit Operating Weight - Approximate (lbs.) ⁷		2,046	2,142	2,624	3,092

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	69,502	11.33	77,046	13.40	97,472	17.21	105,293	17.98
	0° F	87,715	12.40	97,236	14.58	122,186	18.63	132,220	19.46
	10° F	109,213	13.46	121,076	15.76	153,451	20.06	166,312	20.94
	20° F	134,243	14.52	148,926	16.92	189,854	21.47	206,072	22.38
	25° F	148,227	15.04	164,452	17.49	209,448	22.16	227,513	23.09
	30° F	163,034	15.57	181,009	18.06	229,788	22.84	249,803	23.77
95° F	45° F	210,495	17.17	234,094	19.82	291,199	24.75	319,499	25.68
	-10° F	63,682	11.74	70,603	13.86	88,727	17.75	95,884	18.55
	0° F	80,389	12.90	89,126	15.14	110,683	19.31	119,831	20.19
	10° F	99,832	14.08	110,758	16.44	138,907	20.89	150,530	21.85
	20° F ⁶	122,416	15.26	135,744	17.75	171,822	22.49	186,492	23.50
	25° F	134,868	15.86	149,664	18.40	189,605	23.29	205,960	24.31
105° F	30° F	148,098	16.46	164,478	19.05	208,058	24.07	226,193	25.11
	45° F ⁶	191,229	18.30	212,746	21.07	264,461	26.34	289,032	27.40
	-10° F	57,947	12.12	64,255	14.28	80,216	18.25	86,750	19.10
	0° F	73,145	13.38	81,160	15.67	99,701	19.93	107,948	20.86
	10° F	90,686	14.66	100,566	17.09	125,006	21.67	135,472	22.69
	20° F	110,733	15.97	122,812	18.53	154,624	23.44	167,980	24.52
115° F	25° F	121,761	16.63	135,157	19.26	170,689	24.33	185,446	25.45
	30° F	133,443	17.31	148,139	20.00	187,196	25.22	203,724	26.35
	45° F	172,387	19.36	191,630	22.26	238,587	27.80	260,015	29.01
	-10° F	52,272	12.48	57,931	14.68	71,671	18.73	77,603	19.60
	0° F	66,061	13.82	73,212	16.17	88,827	20.51	96,288	21.48
	10° F	81,590	15.22	90,499	17.70	111,395	22.38	120,860	23.45
115° F	20° F	99,217	16.64	110,065	19.28	138,014	24.31	150,003	25.47
	25° F	108,849	17.37	120,759	20.08	152,460	25.29	165,705	26.49
	30° F	-	-	-	-	167,269	26.27	181,975	27.51
	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 NDC 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}			
		NSC30H4	NSC35H4	NSC40H4	NSC50H4
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	181.8	228.7	243.7	-
	230 V	166.7	209.6	223.1	-
	460 V	83.4	104.8	111.6	131.7
	575 V	65.5	82.4	87.8	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		5	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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	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.)	Standard³	175	188	209	209
	w/ Flood Control³	309	347	370	370
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		3,081	3,440	3,466	3,512
Unit Operating Weight - Approximate (lbs.)⁷		3,194	3,552	3,579	3,625

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	122,262	21.52	160,476	27.61	185,624	31.64	226,457	38.39
	0° F	156,738	23.60	202,403	30.09	232,630	34.84	275,892	42.48
	10° F	197,372	25.73	250,800	32.44	287,957	38.00	340,545	46.70
	20° F	244,138	27.85	306,020	34.67	351,717	41.12	412,064	51.15
	25° F	269,661	28.90	336,455	35.72	385,336	42.73	449,776	53.46
	30° F	296,745	29.91	368,728	36.75	419,432	44.36	487,884	55.88
	45° F	382,480	32.77	472,046	39.56	528,932	49.50	601,941	63.59
95° F	-10° F	111,070	22.14	145,741	28.44	168,459	32.60	206,123	39.64
	0° F	142,261	24.42	184,370	31.24	211,658	36.13	250,910	44.15
	10° F	178,908	26.78	228,488	33.94	262,341	39.62	309,966	48.76
	20° F ⁶	221,209	29.13	278,984	36.50	320,266	43.13	376,620	53.57
	25° F	244,280	30.29	306,810	37.72	351,614	44.93	411,161	56.06
	30° F	268,773	31.43	336,306	38.91	383,073	46.75	445,914	58.64
	45° F ⁶	347,558	34.69	431,898	42.30	482,479	52.53	548,994	66.84
105° F	-10° F	100,426	22.69	130,925	29.08	152,434	33.37	185,487	40.65
	0° F	128,254	25.17	166,319	32.23	191,322	37.25	225,429	45.60
	10° F	160,846	27.74	206,457	35.29	236,969	41.10	278,528	50.62
	20° F	198,462	30.32	252,247	38.21	288,671	45.01	339,927	55.80
	25° F	219,042	31.61	277,340	39.63	316,893	46.99	371,209	58.47
	30° F	240,906	32.87	304,129	41.00	346,358	49.02	402,524	61.23
	45° F	313,006	36.49	392,619	44.92	435,203	55.45	-	-
115° F	-10° F	90,155	23.18	115,980	29.53	136,310	33.97	164,653	41.40
	0° F	114,452	25.85	148,178	33.05	170,780	38.20	199,723	46.79
	10° F	143,024	28.62	184,494	36.48	210,898	42.44	-	-
	20° F	176,077	31.42	225,740	39.79	-	-	-	-
	25° F	194,171	32.82	-	-	-	-	-	-
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-404a - High Temp		Model Numbers^{5, 8}			
		NDC10H4	NDC16H4	NDC18H4	NDC20H4
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	36.0	53.3	65.5	70.5
	230 V	33.1	49.2	60.2	64.7
	460 V	16.6	24.6	30.1	32.3
	575 V	13.0	19.2	23.6	25.4
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
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.)	Standard³	41	57	60	68
	w/ Flood Control³	72	98	100	129
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,721	3,218	3,484	3,890
Unit Operating Weight - Approximate (lbs.)⁷		2,569	3,066	3,333	3,739

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	53,930	9.15	80,881	14.52	92,124	16.40	112,114	18.92
	0° F	69,270	9.93	102,242	15.65	117,353	17.82	142,290	20.60
	10° F	88,348	10.77	127,681	16.75	147,439	19.17	177,496	22.20
	20° F	110,853	11.62	157,670	17.80	182,580	20.45	218,423	23.71
	25° F	123,392	12.01	174,463	18.31	202,092	21.04	241,245	24.43
	30° F	136,572	12.39	192,462	18.81	222,805	21.62	265,634	25.12
	45° F	179,103	13.30	253,660	20.24	289,022	23.20	346,581	27.06
95° F	-10° F	48,867	9.45	73,614	14.92	84,902	16.94	102,905	19.59
	0° F	62,755	10.30	93,389	16.17	107,770	18.53	130,726	21.47
	10° F	80,013	11.23	116,564	17.41	134,867	20.06	162,738	23.29
	20° F ⁶	100,463	12.18	143,718	18.62	166,329	21.51	199,706	25.01
	25° F	111,733	12.64	158,752	19.22	183,750	22.20	220,101	25.84
	30° F	123,721	13.08	174,932	19.81	202,216	22.87	241,981	26.65
	45° F ⁶	162,837	14.22	230,401	21.52	262,251	24.74	315,940	28.91
105° F	-10° F	44,070	9.72	66,061	15.23	78,060	17.45	93,518	20.20
	0° F	56,417	10.62	84,318	16.61	98,948	19.19	119,122	22.28
	10° F	71,831	11.63	105,305	17.99	123,246	20.89	148,127	24.29
	20° F	90,023	12.68	129,615	19.36	151,149	22.52	181,138	26.24
	25° F	100,064	13.20	143,145	20.04	166,567	23.30	199,295	27.19
	30° F	110,740	13.70	157,575	20.71	182,865	24.06	218,742	28.10
	45° F	145,877	15.05	206,741	22.72	236,870	26.19	284,782	30.71
115° F	-10° F	39,468	9.96	58,425	15.47	70,690	17.91	83,924	20.73
	0° F	50,234	10.89	75,169	16.97	89,799	19.80	107,414	23.00
	10° F	63,682	11.96	94,123	18.49	111,640	21.64	133,430	25.23
	20° F	79,625	13.10	115,688	20.02	136,348	23.44	162,578	27.40
	25° F	88,419	13.67	127,546	20.79	149,784	24.31	178,554	28.45
	30° F	97,771	14.23	140,260	21.56	-	-	195,626	29.48
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-404a - High Temp		Model Numbers^{5, 8}			
		NDC24H4	NDC30H4	NDC44H4	NDC50H4
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHN22ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	87.3	100.2	125.8	152.4
	230 V	79.9	92.0	115.6	139.6
	460 V	40.0	46.0	57.8	69.8
	575 V	31.5	36.1	45.3	54.9
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
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	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	144	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	99	100	122	156
	w/ Flood Control³	181	181	230	291
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	2 1/8	2 1/8
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	5,177	5,993
Unit Operating Weight - Approximate (lbs.)⁷		4,045	4,244	5,207	6,156

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	139,005	22.66	154,092	26.80	194,944	34.42	210,586	35.95
	0° F	175,429	24.79	194,472	29.16	244,372	37.26	264,441	38.91
	10° F	218,426	26.92	242,153	31.51	306,901	40.11	332,624	41.87
	20° F	268,485	29.04	297,852	33.83	379,708	42.93	412,145	44.76
	25° F	296,454	30.08	328,904	34.98	418,896	44.32	455,026	46.17
	30° F	326,069	31.14	362,018	36.13	459,576	45.68	499,605	47.54
	45° F	420,990	34.34	468,187	39.64	582,397	49.51	638,998	51.35
95° F	-10° F	127,364	23.48	141,205	27.71	177,454	35.50	191,768	37.11
	0° F	160,779	25.81	178,253	30.29	221,366	38.61	239,663	40.37
	10° F	199,664	28.17	221,515	32.88	277,814	41.79	301,060	43.69
	20° F ⁶	244,831	30.52	271,489	35.49	343,643	44.99	372,984	47.00
	25° F	269,736	31.72	299,329	36.79	379,210	46.57	411,919	48.63
	30° F	296,196	32.92	328,955	38.10	416,116	48.14	452,386	50.22
105° F	45° F ⁶	382,458	36.59	425,492	42.14	528,921	52.68	578,064	54.81
	-10° F	115,894	24.25	128,510	28.56	160,433	36.51	173,501	38.19
	0° F	146,290	26.77	162,320	31.34	199,403	39.86	215,896	41.72
	10° F	181,371	29.33	201,131	34.18	250,012	43.34	270,944	45.37
	20° F	221,467	31.94	245,625	37.07	309,248	46.89	335,961	49.04
	25° F	243,522	33.27	270,315	38.51	341,379	48.66	370,892	50.90
115° F	30° F	266,885	34.62	296,279	40.00	374,392	50.44	407,448	52.71
	45° F	344,774	38.72	383,259	44.53	477,175	55.59	520,031	58.03
	-10° F	104,544	24.95	115,862	29.35	143,342	37.45	155,206	39.20
	0° F	132,122	27.65	146,425	32.33	177,653	41.02	192,575	42.96
	10° F	163,180	30.43	180,997	35.40	222,791	44.77	241,721	46.91
	20° F	198,433	33.28	220,130	38.55	276,029	48.63	300,005	50.94
115° F	25° F	217,697	34.74	241,518	40.17	304,920	50.57	331,410	52.98
	30° F	-	-	-	-	334,539	52.53	363,949	55.02
	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 NDC 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}			
		NDC60H4	NDC70H4	NDC80H4	NDC100H4
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	181.8	228.7	243.7	-
	230 V	166.7	209.6	223.1	-
	460 V	83.4	104.8	111.6	131.7
	575 V	65.5	82.4	87.8	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		10	12	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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	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	175	188	209	209
	w/ Flood Control ³	309	347	370	370
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,194	6,913	6,966	7,056
Unit Operating Weight - Approximate (lbs.) ⁷		6,357	7,076	7,129	7,220

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	244,523	43.03	320,952	55.22	371,248	63.27	452,914	76.78
	0° F	313,476	47.21	404,805	60.19	465,260	69.69	551,783	84.96
	10° F	394,744	51.47	501,599	64.88	575,915	76.00	681,089	93.40
	20° F	488,277	55.70	612,039	69.33	703,435	82.24	824,128	102.29
	25° F	539,322	57.79	672,910	71.44	770,672	85.46	899,551	106.92
	30° F	593,489	59.83	737,457	73.49	838,864	88.71	975,767	111.75
95° F	45° F	764,960	65.54	944,091	79.13	1,057,864	99.00	1,203,883	127.18
	-10° F	222,140	44.28	291,483	56.87	336,918	65.20	412,245	79.28
	0° F	284,521	48.85	368,741	62.48	423,317	72.25	501,820	88.31
	10° F	357,816	53.56	456,976	67.88	524,682	79.23	619,932	97.52
	20° F ⁶	442,417	58.25	557,968	73.00	640,533	86.25	753,240	107.13
	25° F	488,560	60.59	613,619	75.44	703,229	89.85	822,322	112.12
105° F	30° F	537,545	62.87	672,612	77.83	766,145	93.50	891,827	117.28
	45° F ⁶	695,116	69.38	863,796	84.60	964,959	105.05	1,097,988	133.68
	-10° F	200,852	45.38	261,851	58.16	304,868	66.74	370,974	81.30
	0° F	256,508	50.33	332,638	64.47	382,645	74.49	450,858	91.20
	10° F	321,691	55.48	412,914	70.58	473,938	82.20	557,057	101.24
	20° F	396,924	60.65	504,494	76.43	577,341	90.02	679,854	111.61
115° F	25° F	438,083	63.22	554,680	79.26	633,785	93.99	742,418	116.95
	30° F	481,811	65.74	608,258	82.01	692,717	98.05	805,049	122.46
	45° F	626,013	72.97	785,237	89.85	870,406	110.90	-	-
	-10° F	180,310	46.37	231,960	59.06	272,620	67.93	329,305	82.80
	0° F	228,904	51.69	296,356	66.10	341,560	76.39	399,446	93.57
	10° F	286,048	57.24	368,989	72.96	421,796	84.88	-	-
-	20° F	352,154	62.84	451,480	79.57	-	-	-	-
	25° F	388,342	65.64	-	-	-	-	-	-
	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 NDC 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}

R-507 - Low Temp		Model Numbers ^{5, 8}			
		NSC03L7	NSC04L7	NSC05L7	NSC08L7
Compressor Model Number		2DF3F16KE	2DL3F20KE	2DA3F23KE	3DB3F33KE
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	27.7	33.8	36.3	49.0
	230 V	25.6	31.1	33.4	44.8
	460 V	12.8	15.5	16.7	22.4
	575 V	10.0	12.2	13.1	17.7
Compressor RLA (each)	208 V	17.7	22.6	24.5	34.7
	230 V	16.0	20.4	22.2	31.4
	460 V	8.0	10.2	11.1	15.7
	575 V	6.4	8.2	8.9	12.6
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	8x42
Receiver Capacity 80% Full per circuit (lbs.) ²		28	28	28	65
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	28	28	28	37
	w/ Flood Control ³	48	49	49	58
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 3/8	1 3/8	1 3/8
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	1,478
Unit Operating Weight - Approximate (lbs.) ⁷		1,179	1,188	1,194	1,433

Capacity Ratings

Ambient Temp.	Suction Temp.	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
85° F	-40° F	12,885	3.75	14,966	4.04	17,436	4.50	24,347	6.01
	-30° F	17,666	4.30	20,542	4.61	23,668	5.17	32,267	6.97
	-20° F	23,523	4.81	27,136	5.18	30,697	5.82	41,389	7.93
	-10° F	30,358	5.30	34,686	5.76	38,794	6.47	51,840	8.94
	0° F	38,258	5.81	43,329	6.35	48,069	7.15	63,538	10.04
95° F	-40° F ⁶	11,220	3.74	13,202	4.04	15,458	4.52	21,893	6.06
	-30° F	15,767	4.35	18,398	4.66	21,301	5.25	29,476	7.12
	-20° F	21,223	4.92	24,501	5.29	27,822	5.95	37,965	8.18
	-10° F	27,431	5.45	31,447	5.92	35,250	6.66	47,480	9.28
	0° F	34,546	5.99	39,366	6.56	43,659	7.40	58,080	10.46
105° F	-40° F	9,480	3.65	11,422	4.00	13,415	4.48	19,236	6.03
	-30° F	13,858	4.35	16,259	4.69	18,913	5.28	26,565	7.21
	-20° F	18,918	4.98	21,897	5.36	24,977	6.05	34,522	8.38
	-10° F	24,589	5.57	28,196	6.05	31,733	6.82	43,202	9.58
	0° F	30,970	6.14	35,393	6.73	39,350	7.61	52,742	10.86
115° F	-40° F	7,579	3.50	9,634	3.93	11,352	4.40	16,305	5.92
	-30° F	11,830	4.28	14,104	4.67	16,520	5.26	23,533	7.23
	-20° F	16,550	4.98	19,212	5.40	22,127	6.10	-	-
	-10° F	21,772	5.63	24,964	6.13	28,238	6.94	-	-
	0° F	27,443	6.25	31,408	6.87	-	-	-	-

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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Low Temp		Model Numbers^{5,8}			
		NSC10L7	NSC12L7	NSC15L7	NSC22L7
Compressor Model Number		3DS3F46KE	4DBNF54KE	4DHNF63KE	4DJNF76KE
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	59.5	81.0	86.8	108.8
	230 V	54.4	74.2	79.5	99.8
	460 V	27.2	37.1	39.7	49.9
	575 V	21.5	29.2	31.3	39.2
Compressor RLA (each)	208 V	43.1	56.6	61.3	75.2
	230 V	39.0	51.2	55.4	68.0
	460 V	19.5	25.6	27.7	34.0
	575 V	15.6	20.5	22.2	27.2
Total Number of Condenser Fan Motors		1	2	2	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.)		8x42	8x42	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)²		65	65	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard³	40	57	67	76
	w/ Flood Control³	67	98	108	137
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	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,640	1,761	1,892	2,240
Unit Operating Weight - Approximate (lbs.)⁷		1,595	1,716	1,880	2,229

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	33,537	7.75	38,516	9.82	46,237	11.50	56,799	14.00
	-30° F	44,033	9.09	52,153	11.37	62,001	13.29	76,858	16.16
	-20° F	55,947	10.53	66,803	12.80	78,776	14.99	98,332	18.20
	-10° F	69,204	12.02	83,606	14.25	97,284	16.71	121,867	20.23
	0° F	83,613	13.55	103,350	15.83	118,388	18.56	147,756	22.38
95° F	-40° F ⁶	30,590	7.81	33,827	9.77	40,467	11.54	50,413	14.02
	-30° F	40,403	9.28	47,360	11.60	55,403	13.52	69,344	16.46
	-20° F	51,405	10.82	61,222	13.26	71,092	15.40	89,191	18.73
	-10° F	63,489	12.42	76,651	14.87	88,287	17.31	110,695	20.96
	0° F	76,574	14.03	94,520	16.55	107,753	19.37	134,353	23.25
105° F	-40° F	27,075	7.79	28,584	9.49	35,261	11.46	43,391	13.82
	-30° F	36,337	9.38	42,141	11.63	49,455	13.66	61,648	16.59
	-20° F	46,484	11.04	55,313	13.56	64,041	15.78	80,287	19.15
	-10° F	57,428	12.75	69,523	15.38	79,880	17.92	100,131	21.62
	0° F	-	-	85,646	17.21	97,961	20.20	121,966	24.10
115° F	-40° F	22,955	7.67	22,544	8.93	30,714	11.24	35,645	13.36
	-30° F	31,652	9.40	36,094	11.40	44,221	13.71	53,464	16.50
	-20° F	-	-	48,863	13.62	57,768	16.10	71,459	19.40
	-10° F	-	-	-	-	-	-	90,242	22.16
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Low Temp

Model Numbers^{5, 8}

R-507 - Low Temp		Model Numbers ^{5, 8}			
		NSC25L7	NSC30L7	NSC40L7	NDC06L7
Compressor Model Number		6DHNF93KE	6DJNF11ME	6DUNF13ME	2DF3F16KE
Quantity of Compressors		1	1	1	2
MCA ¹ per circuit	208 V	129.8	157.9	-	27.7
	230 V	118.8	144.6	-	25.6
	460 V	59.4	72.3	85.8	12.8
	575 V	46.8	56.9	-	10.0
Compressor RLA (each)	208 V	92.0	110.8	-	17.7
	230 V	83.2	100.2	-	16.0
	460 V	41.6	50.1	60.9	8.0
	575 V	33.3	40.1	-	6.4
Total Number of Condenser Fan Motors		3	4	4	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
	230 V	4.6	4.6	-	4.6
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	-	1.6
Receiver Size per circuit (in.)		10x60	10x60	10x60	6x36
Receiver Capacity 80% Full per circuit (lbs.) ²		144	144	144	28
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	111	111	119	28
	w/ Flood Control ³	191	191	220	48
Suction Connection per circuit - ODS (in.) ⁹		2 1/8	2 1/8	2 5/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	5/8
Unit Shipping Weight - Approximate (lbs.)		2,562	2,628	3,034	2,553
Unit Operating Weight - Approximate (lbs.) ⁷		2,608	2,674	3,080	2,316

Capacity Ratings

Ambient Temp.	Suction Temp.	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
85° F	-40° F	69,512	16.62	78,950	20.38	99,275	24.29	25,771	7.51
	-30° F	93,521	19.24	105,120	23.55	138,024	28.32	35,332	8.60
	-20° F	121,741	21.94	135,407	26.88	174,719	32.62	47,046	9.62
	-10° F	153,438	24.73	169,977	30.43	214,646	37.11	60,717	10.60
	0° F	187,550	27.60	208,339	34.26	262,531	41.75	76,516	11.62
95° F	-40° F ⁶	61,337	16.72	70,155	20.52	88,291	24.37	22,441	7.47
	-30° F	84,127	19.69	95,058	24.04	123,407	28.84	31,534	8.71
	-20° F	110,569	22.69	123,089	27.68	156,677	33.53	42,446	9.83
	-10° F	139,892	25.73	154,515	31.50	193,613	38.36	54,861	10.90
	0° F	171,064	28.82	189,114	35.55	238,735	43.30	69,093	11.98
105° F	-40° F	53,007	16.49	60,945	20.41	76,680	24.23	18,961	7.31
	-30° F	74,854	19.85	84,695	24.31	108,527	29.14	27,715	8.70
	-20° F	99,611	23.20	110,712	28.29	138,934	34.22	37,837	9.95
	-10° F	126,743	26.55	139,234	32.40	173,430	39.40	49,178	11.13
	0° F	155,149	29.90	170,298	36.68	216,616	44.62	61,940	12.28
115° F	-40° F	44,189	15.82	51,512	20.01	64,880	23.82	15,158	6.99
	-30° F	65,061	19.63	74,398	24.30	94,046	29.18	23,661	8.56
	-20° F	88,508	23.37	98,525	28.63	122,148	34.67	33,100	9.96
	-10° F	113,490	27.08	-	-	154,539	40.20	43,545	11.26
	0° F	-	-	-	-	-	-	54,886	12.51

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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Low Temp		Model Numbers^{5,8}			
		NDC08L7	NDC10L7	NDC16L7	NDC20L7
Compressor Model Number		2DL3F20KE	2DA3F23KE	3DB3F33KE	3DS3F46KE
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	33.8	36.3	49.0	59.5
	230 V	31.1	33.4	44.8	54.4
	460 V	15.5	16.7	22.4	27.2
	575 V	12.2	13.1	17.7	21.5
Compressor RLA (each)	208 V	22.6	24.5	34.7	43.1
	230 V	20.4	22.2	31.4	39.0
	460 V	10.2	11.1	15.7	19.5
	575 V	8.2	8.9	12.6	15.6
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.)	Standard³	28	28	37	40
	w/ Flood Control³	49	49	58	67
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	5/8	5/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,571	2,584	2,977	3,303
Unit Operating Weight - Approximate (lbs.)⁷		2,334	2,347	2,826	3,151

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-40° F	29,933	8.07	34,871	9.01	48,695	12.02	67,075	15.49
	-30° F	41,084	9.21	47,336	10.34	64,533	13.94	88,066	18.18
	-20° F	54,272	10.35	61,394	11.64	82,777	15.87	111,893	21.05
	-10° F	69,372	11.51	77,588	12.94	103,681	17.88	138,407	24.05
	0° F	86,659	12.70	96,137	14.31	127,076	20.08	167,226	27.10
95° F	-40° F ⁶	26,405	8.08	30,917	9.03	43,785	12.11	61,179	15.63
	-30° F	36,797	9.33	42,601	10.49	58,952	14.25	80,806	18.56
	-20° F	49,002	10.58	55,644	11.91	75,929	16.37	102,809	21.65
	-10° F	62,895	11.84	70,501	13.32	94,959	18.56	126,978	24.84
	0° F	78,731	13.12	87,318	14.79	116,161	20.92	153,147	28.06
105° F	-40° F	22,843	8.01	26,830	8.96	38,472	12.06	54,151	15.58
	-30° F	32,518	9.37	37,825	10.55	53,131	14.42	72,674	18.77
	-20° F	43,795	10.73	49,954	12.10	69,045	16.76	92,969	22.09
	-10° F	56,393	12.09	63,466	13.64	86,404	19.16	114,857	25.50
	0° F	70,787	13.46	78,699	15.22	105,483	21.72	-	-
115° F	-40° F	19,268	7.86	22,704	8.79	32,610	11.84	45,910	15.35
	-30° F	28,208	9.34	33,040	10.53	47,067	14.45	63,304	18.80
	-20° F	38,425	10.80	44,254	12.21	-	-	-	-
	-10° F	49,927	12.27	56,476	13.88	-	-	-	-
	0° F	62,816	13.74	-	-	-	-	-	-

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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Low Temp

Model Numbers^{5, 8}

R-507 - Low Temp		Model Numbers ^{5, 8}			
		NDC24L7	NDC30L7	NDC44L7	NDC50L7
Compressor Model Number		4DBNF54KE	4DHNF63KE	4DJNF76KE	6DHNF93KE
Quantity of Compressors		2	2	2	2
MCA ¹ per circuit	208 V	81.0	86.8	108.8	129.8
	230 V	74.2	79.5	99.8	118.8
	460 V	37.1	39.7	49.9	59.4
	575 V	29.2	31.3	39.2	46.8
Compressor RLA (each)	208 V	56.6	61.3	75.2	92.0
	230 V	51.2	55.4	68.0	83.2
	460 V	25.6	27.7	34.0	41.6
	575 V	20.5	22.2	27.2	33.3
Total Number of Condenser Fan Motors		4	4	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.)		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	57	67	76	111
	w/ Flood Control ³	98	108	137	191
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.)		7/8	7/8	7/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		3,551	3,805	4,502	5,145
Unit Operating Weight - Approximate (lbs.) ⁷		3,399	3,720	4,417	5,175

Capacity Ratings

Ambient Temp.	Suction Temp.	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
85° F	-40° F	77,032	19.64	92,475	23.00	113,598	28.01	139,025	33.24
	-30° F	104,307	22.73	124,001	26.58	153,717	32.32	187,041	38.48
	-20° F	133,606	25.60	157,551	29.97	196,663	36.40	243,481	43.87
	-10° F	167,211	28.49	194,567	33.41	243,733	40.46	306,876	49.45
	0° F	206,700	31.65	236,776	37.13	295,512	44.75	375,100	55.20
95° F	-40° F ⁶	67,653	19.55	80,933	23.09	100,827	28.04	122,674	33.44
	-30° F	94,720	23.19	110,806	27.04	138,688	32.92	168,254	39.38
	-20° F	122,443	26.52	142,183	30.80	178,381	37.47	221,137	45.37
	-10° F	153,302	29.74	176,573	34.62	221,391	41.92	279,785	51.46
	0° F	189,040	33.10	215,507	38.73	268,706	46.49	342,128	57.65
105° F	-40° F	57,168	18.99	70,522	22.92	86,782	27.63	106,014	32.98
	-30° F	84,282	23.26	98,910	27.33	123,296	33.17	149,708	39.71
	-20° F	110,627	27.12	128,083	31.56	160,575	38.30	199,221	46.41
	-10° F	139,047	30.76	159,760	35.84	200,262	43.24	253,485	53.10
	0° F	171,293	34.42	195,921	40.40	243,932	48.20	310,298	59.81
115° F	-40° F	45,088	17.86	61,428	22.47	71,290	26.72	88,379	31.63
	-30° F	72,188	22.79	88,443	27.42	106,927	33.00	130,122	39.25
	-20° F	97,726	27.25	115,536	32.19	142,919	38.79	177,015	46.75
	-10° F	-	-	-	-	180,484	44.31	226,981	54.15
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Low Temp		Model Numbers^{5,8}	
		NDC60L7	NDC80L7
Compressor Model Number		6DJNF11ME	6DUNF13ME
Quantity of Compressors		2	2
MCA¹ per circuit	208 V	157.9	-
	230 V	144.6	-
	460 V	72.3	85.8
	575 V	56.9	-
Compressor RLA (each)	208 V	110.8	-
	230 V	100.2	-
	460 V	50.1	60.9
	575 V	40.1	-
Total Number of Condenser Fan Motors		8	8
Size of Motor (HP)		1	1
Diameter of Blade (in.)		28	28
Condenser Fan Motor Amps (each)	208 V	4.6	-
	230 V	4.6	-
	460 V	2.3	2.3
	575 V	1.6	-
Receiver Size per circuit (in.)		10x60	10x60
Receiver Capacity 80% Full per circuit (lbs.)²		144	144
Unit Operating Charge per circuit (approx. lbs.)	Standard³	111	119
	w/ Flood Control³	191	220
Suction Connection per circuit - ODS (in.)⁹		2 1/8	2 5/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		5,277	6,100
Unit Operating Weight - Approximate (lbs.)⁷		5,307	6,129

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.				
85° F	-40° F	157,901	40.77	198,549	48.58
	-30° F	210,241	47.09	276,047	56.65
	-20° F	270,813	53.76	349,437	65.24
	-10° F	339,953	60.86	429,292	74.23
	0° F	416,678	68.51	525,062	83.50
95° F	-40° F ⁶	140,310	41.03	176,582	48.75
	-30° F	190,115	48.07	246,814	57.68
	-20° F	246,178	55.36	313,355	67.06
	-10° F	309,030	63.00	387,227	76.72
	0° F	378,229	71.09	477,470	86.59
105° F	-40° F	121,890	40.83	153,359	48.46
	-30° F	169,389	48.61	217,055	58.28
	-20° F	221,424	56.57	277,869	68.45
	-10° F	278,468	64.79	346,861	78.80
	0° F	340,595	73.36	433,232	89.25
115° F	-40° F	103,023	40.03	129,759	47.63
	-30° F	148,796	48.60	188,092	58.35
	-20° F	197,050	57.27	244,297	69.33
	-10° F	-	-	309,078	80.40
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Medium Temp		Model Numbers^{5,8}			
		NSC05M7	NSC08M7	NSC09M7	NSC10M7
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	36.0	48.7	60.9	65.9
	230 V	33.1	44.6	55.6	60.1
	460 V	16.6	22.3	27.8	30.0
	575 V	13.0	17.6	22.0	23.8
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
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	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		28	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	28	56	56	56
	w/ Flood Control³	49	87	87	87
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,286	1,371	1,370	1,503
Unit Operating Weight - Approximate (lbs.)⁷		1,198	1,326	1,325	1,458

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	27,354	4.68	40,677	6.36	46,285	7.37	55,296	8.81
	0° F	34,997	5.10	51,201	6.99	58,513	8.18	69,441	9.83
	10° F	44,450	5.56	63,578	7.62	72,726	8.98	84,447	10.86
	20° F	55,513	6.04	77,603	8.25	87,954	9.77	100,709	11.90
	25° F	61,422	6.27	84,956	8.57	96,000	10.17	109,366	12.42
	30° F	67,446	6.49	92,665	8.89	104,509	10.55	118,280	12.95
	45° F	86,601	7.08	117,927	9.88	131,247	11.69	146,666	14.54
95° F	-10° F	24,778	4.83	36,856	6.54	42,720	7.63	50,489	9.11
	0° F	31,683	5.28	46,583	7.22	53,850	8.52	63,569	10.22
	10° F	40,214	5.78	57,795	7.92	66,754	9.40	77,269	11.34
	20° F ⁶	50,168	6.30	70,609	8.62	80,488	10.27	91,892	12.47
	25° F	55,624	6.56	77,267	8.98	87,740	10.70	99,572	13.04
	30° F	61,138	6.82	84,173	9.34	95,306	11.12	107,563	13.60
	45° F ⁶	78,439	7.50	106,973	10.45	119,337	12.36	-	-
105° F	-10° F	22,330	4.97	32,956	6.68	39,095	7.87	45,543	9.37
	0° F	28,452	5.44	41,901	7.42	49,245	8.83	57,505	10.57
	10° F	36,021	5.97	51,994	8.18	60,798	9.78	70,009	11.78
	20° F	44,831	6.54	63,407	8.96	73,178	10.73	-	-
	25° F	49,695	6.82	69,666	9.35	79,650	11.19	-	-
	30° F	54,789	7.10	75,796	9.76	-	-	-	-
	45° F	70,244	7.88	-	-	-	-	-	-
115° F	-10° F	19,976	5.08	29,023	6.79	35,005	8.08	40,499	9.59
	0° F	25,271	5.56	37,225	7.58	44,268	9.11	-	-
	10° F	31,841	6.12	46,285	8.41	-	-	-	-

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 NDC 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}			
		NSC12M7	NSC15M7	NSC22M7	NSC25M7
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHN22ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	82.7	95.6	116.6	147.8
	230 V	75.3	87.4	106.4	135.0
	460 V	37.7	43.7	53.2	67.5
	575 V	29.9	34.5	42.1	53.3
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
Total Number of Condenser Fan Motors		1	2	2	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	8x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard³	83	83	92	102
	w/ Flood Control³	124	124	152	184
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		1,586	1,797	2,100	2,300
Unit Operating Weight - Approximate (lbs.)⁷		1,574	1,786	2,088	2,288

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	68,127	10.81	76,856	12.80	97,086	15.63	105,501	17.44
	0° F	84,293	12.10	96,259	14.16	120,361	17.25	131,331	19.10
	10° F	101,974	13.44	117,880	15.54	148,980	18.96	163,834	20.83
	20° F	121,101	14.85	141,283	16.99	179,858	20.73	200,144	22.59
	25° F	131,149	15.59	153,628	17.75	196,120	21.63	218,544	23.49
	30° F	141,404	16.36	166,723	18.51	212,398	22.55	237,547	24.38
	45° F	173,519	18.83	207,852	20.96	260,526	25.32	293,886	27.05
95° F	-10° F	62,178	11.19	70,228	13.24	88,227	16.14	95,946	18.00
	0° F	77,185	12.55	87,968	14.69	108,879	17.88	118,912	19.79
	10° F	93,100	13.98	107,780	16.18	135,123	19.72	148,192	21.67
	20° F ⁶	110,172	15.50	128,686	17.76	163,387	21.64	181,602	23.62
	25° F	119,144	16.29	139,939	18.56	177,998	22.63	198,585	24.60
	30° F	128,267	17.11	151,373	19.40	193,010	23.62	215,913	25.59
	45° F ⁶	-	-	188,187	22.05	236,522	26.66	267,019	28.56
105° F	-10° F	56,270	11.54	63,708	13.64	79,460	16.62	86,545	18.52
	0° F	70,109	12.98	79,843	15.18	97,679	18.46	106,772	20.44
	10° F	84,277	14.50	97,768	16.79	121,194	20.42	133,003	22.45
	20° F	-	-	116,339	18.47	147,190	22.48	163,472	24.55
	25° F	-	-	-	-	160,395	23.55	179,286	25.62
	30° F	-	-	-	-	-	-	194,758	26.71
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	-	-	57,184	14.01	70,528	17.07	77,015	19.01
	0° F	-	-	-	-	-	-	94,817	21.02
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Medium Temp		Model Numbers^{5,8}			
		NSC30M7	NSC35M7	NSC40M7	NSC50M7
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	172.6	214.9	234.5	-
	230 V	157.5	195.8	213.9	-
	460 V	78.8	97.9	107.0	129.4
	575 V	62.3	77.6	84.6	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		3	3	4	5
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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	-
Receiver Size per circuit (in.)		8x60	10x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	144	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	129	151	198	198
	w/ Flood Control³	210	259	332	332
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		2,318	2,647	3,104	3,226
Unit Operating Weight - Approximate (lbs.)⁷		2,307	2,693	3,217	3,338

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	121,419	20.04	156,303	24.53	187,418	30.28	229,212	38.35
	0° F	154,320	22.40	196,060	27.37	234,208	33.74	278,238	42.76
	10° F	191,182	24.89	240,809	30.33	288,267	37.21	338,097	47.35
	20° F	230,450	27.48	289,478	33.36	346,115	40.75	405,730	52.23
	25° F	251,323	28.79	315,819	34.87	376,683	42.59	440,851	54.82
	30° F	272,716	30.10	342,803	36.41	408,075	44.49	476,869	57.47
	45° F	340,203	34.00	430,447	40.89	507,619	50.57	580,571	66.05
95° F	-10° F	110,240	20.61	140,689	25.19	170,230	31.18	208,159	39.54
	0° F	139,715	23.15	177,442	28.33	212,989	34.96	252,256	44.36
	10° F	173,484	25.83	218,913	31.56	262,681	38.77	307,744	49.32
	20° F ⁶	208,711	28.62	262,998	34.86	315,289	42.69	369,382	54.56
	25° F	227,406	30.03	286,172	36.54	343,265	44.69	401,676	57.29
	30° F	246,834	31.44	310,809	38.18	371,939	46.76	433,773	60.12
	45° F ⁶	307,457	35.64	388,988	43.04	461,040	53.46	-	-
105° F	-10° F	99,524	21.12	125,449	25.71	153,779	31.90	186,755	40.48
	0° F	125,490	23.84	159,011	29.12	192,060	36.02	225,911	45.72
	10° F	155,376	26.70	196,511	32.65	236,351	40.19	276,443	51.09
	20° F	187,028	29.68	236,016	36.22	284,370	44.47	332,340	56.66
	25° F	203,771	31.18	256,623	38.02	308,820	46.69	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	89,104	21.58	110,366	26.08	137,062	32.45	165,401	41.15
	0° F	-	-	-	-	170,621	36.92	-	-
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Medium Temp		Model Numbers^{5,8}			
		NDC10M7	NDC16M7	NDC18M7	NDC20M7
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	36.0	48.7	60.9	65.9
	230 V	33.1	44.6	55.6	60.1
	460 V	16.6	22.3	27.8	30.0
	575 V	13.0	17.6	22.0	23.8
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
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.)	Standard³	28	56	56	56
	w/ Flood Control³	49	87	87	87
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,592	2,763	2,760	3,028
Unit Operating Weight - Approximate (lbs.)⁷		2,355	2,612	2,608	2,876

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	54,708	9.37	81,354	12.71	92,571	14.73	110,592	17.62
	0° F	69,995	10.21	102,403	13.98	117,026	16.36	138,882	19.66
	10° F	88,899	11.13	127,156	15.23	145,452	17.97	168,894	21.71
	20° F	111,025	12.08	155,206	16.50	175,909	19.55	201,417	23.80
	25° F	122,845	12.54	169,912	17.14	192,000	20.34	218,732	24.84
	30° F	134,892	12.98	185,330	17.78	209,018	21.11	236,561	25.89
	45° F	173,202	14.16	235,854	19.76	262,495	23.38	293,331	29.07
95° F	-10° F	49,556	9.66	73,712	13.07	85,440	15.26	100,979	18.22
	0° F	63,367	10.56	93,165	14.44	107,701	17.04	127,137	20.44
	10° F	80,428	11.56	115,590	15.83	133,509	18.80	154,538	22.67
	20° F ⁶	100,335	12.61	141,217	17.25	160,977	20.54	183,784	24.93
	25° F	111,247	13.13	154,534	17.96	175,480	21.40	199,143	26.07
	30° F	122,276	13.63	168,346	18.69	190,612	22.25	215,125	27.20
	45° F ⁶	156,879	15.01	213,947	20.90	238,674	24.72	-	-
105° F	-10° F	44,661	9.93	65,913	13.35	78,189	15.75	91,086	18.75
	0° F	56,905	10.87	83,803	14.84	98,491	17.66	115,011	21.14
	10° F	72,043	11.94	103,989	16.36	121,597	19.57	140,018	23.56
	20° F	89,662	13.07	126,814	17.92	146,357	21.46	-	-
	25° F	99,391	13.64	139,331	18.71	159,301	22.39	-	-
	30° F	109,577	14.20	151,593	19.52	-	-	-	-
	45° F	140,488	15.76	-	-	-	-	-	-
115° F	-10° F	39,952	10.16	58,047	13.57	70,010	16.17	80,999	19.19
	0° F	50,543	11.13	74,450	15.17	88,537	18.21	-	-
	10° F	63,681	12.25	92,571	16.82	-	-	-	-

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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Medium Temp		Model Numbers^{5, 8}			
		NDC24M7	NDC30M7	NDC44M7	NDC50M7
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHNR22ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	82.7	95.6	116.6	147.8
	230 V	75.3	87.4	106.4	135.0
	460 V	37.7	43.7	53.2	67.5
	575 V	29.9	34.5	42.1	53.3
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
Total Number of Condenser Fan Motors		2	4	4	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	8x60	8x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	94	94
Unit Operating Charge per circuit (approx. lbs.)	Standard³	83	83	92	102
	w/ Flood Control³	124	124	152	184
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	2 1/8	2 1/8
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	4,222	4,621
Unit Operating Weight - Approximate (lbs.)⁷		3,108	3,532	4,137	4,536

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	136,255	21.63	153,712	25.60	194,172	31.26	211,003	34.88
	0° F	168,586	24.20	192,518	28.31	240,723	34.51	262,662	38.21
	10° F	203,947	26.87	235,761	31.09	297,961	37.91	327,667	41.65
	20° F	242,201	29.70	282,566	33.98	359,715	41.47	400,287	45.18
	25° F	262,299	31.18	307,257	35.49	392,240	43.27	437,089	46.99
	30° F	282,808	32.72	333,446	37.01	424,796	45.11	475,095	48.77
	45° F	347,037	37.65	415,705	41.92	521,052	50.64	587,772	54.10
95° F	-10° F	124,356	22.38	140,457	26.47	176,453	32.29	191,893	36.00
	0° F	154,370	25.11	175,936	29.37	217,758	35.77	237,823	39.58
	10° F	186,200	27.97	215,561	32.37	270,247	39.44	296,384	43.33
	20° F ⁶	220,344	31.00	257,373	35.51	326,774	43.28	363,204	47.23
	25° F	238,287	32.58	279,878	37.12	355,995	45.26	397,170	49.20
	30° F	256,534	34.22	302,746	38.80	386,019	47.25	431,826	51.17
	45° F ⁶	-	-	376,374	44.09	473,043	53.33	534,039	57.13
105° F	-10° F	112,541	23.08	127,415	27.28	158,919	33.25	173,090	37.05
	0° F	140,218	25.96	159,686	30.35	195,358	36.93	213,545	40.87
	10° F	168,554	29.00	195,537	33.57	242,388	40.85	266,006	44.90
	20° F	-	-	232,678	36.94	294,380	44.97	326,944	49.10
	25° F	-	-	-	-	320,789	47.10	358,571	51.24
	30° F	-	-	-	-	-	-	389,516	53.42
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	-	-	114,368	28.03	141,056	34.15	154,030	38.03
	0° F	-	-	-	-	-	-	189,633	42.05
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - Medium Temp		Model Numbers^{5, 8}			
		NDC60M7	NDC70M7	NDC80M7	NDC100M4
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	172.6	214.9	234.5	-
	230 V	157.5	195.8	213.9	-
	460 V	78.8	97.9	107.0	129.4
	575 V	62.3	77.6	84.6	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		6	6	8	10
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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	1.6	1.6	1.6	-
Receiver Size per circuit (in.)		8x60	10x60	12x60	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	144	202	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	129	151	198	198
	w/ Flood Control³	210	259	332	332
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		4,658	5,316	6,240	6,485
Unit Operating Weight - Approximate (lbs.)⁷		4,572	5,346	6,403	6,648

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	242,839	40.07	312,607	49.06	374,835	60.55	446,141	75.31
	0° F	308,639	44.79	392,120	54.75	468,417	67.49	541,957	83.88
	10° F	382,364	49.79	481,618	60.66	576,534	74.43	659,747	92.82
	20° F	460,899	54.96	578,957	66.72	692,230	81.50	792,603	102.31
	25° F	502,645	57.57	631,637	69.74	753,366	85.17	862,173	107.30
	30° F	545,433	60.21	685,607	72.81	816,151	88.98	932,728	112.45
	45° F	680,406	68.01	860,893	81.78	1,015,239	101.14	1,137,468	129.11
95° F	-10° F	220,480	41.22	281,379	50.39	340,459	62.36	405,363	77.64
	0° F	279,430	46.30	354,884	56.65	425,977	69.92	491,676	87.03
	10° F	346,968	51.66	437,826	63.13	525,363	77.53	600,924	96.72
	20° F ⁶	417,423	57.24	525,995	69.73	630,579	85.37	722,189	106.89
	25° F	454,811	60.06	572,344	73.08	686,530	89.38	785,403	112.22
	30° F	493,668	62.87	621,619	76.36	743,878	93.52	849,268	117.69
	45° F ⁶	614,915	71.28	777,975	86.08	922,080	106.92	-	-
105° F	-10° F	199,048	42.24	250,898	51.41	307,558	63.81	363,884	79.52
	0° F	250,980	47.67	318,022	58.23	384,119	72.05	440,264	89.76
	10° F	310,753	53.41	393,021	65.30	472,702	80.37	540,239	100.20
	20° F	374,056	59.36	472,032	72.45	568,741	88.93	650,400	111.05
	25° F	407,543	62.36	513,246	76.05	617,641	93.39	-	-
	30° F	-	-	-	-	-	-	-	-
	45° F	-	-	-	-	-	-	-	-
115° F	-10° F	178,207	43.15	220,732	52.16	274,123	64.89	322,482	80.86
	0° F	-	-	-	-	341,242	73.83	-	-
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - High Temp		Model Numbers^{5, 8}			
		NSC05H7	NSC08H7	NSC09H7	NSC10H7
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	36.0	53.3	65.5	70.5
	230 V	33.1	49.2	60.2	64.7
	460 V	16.6	24.6	30.1	32.3
	575 V	13.0	19.2	23.6	25.4
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
Total Number of Condenser Fan Motors		1	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.)		8x42	8x42	8x42	8x42
Receiver Capacity 80% Full per circuit (lbs.)²		65	65	65	65
Unit Operating Charge per circuit (approx. lbs.)	Standard³	41	57	60	68
	w/ Flood Control³	72	98	100	129
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		1,350	1,598	1,732	1,934
Unit Operating Weight - Approximate (lbs.)⁷		1,305	1,554	1,687	1,889

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	27,739	4.65	41,609	7.36	47,397	8.32	57,684	9.61
	0° F	35,607	5.05	52,573	7.95	60,340	9.05	73,175	10.47
	10° F	45,384	5.48	65,650	8.51	75,798	9.75	91,272	11.30
	20° F	56,979	5.91	81,061	9.05	93,790	10.41	112,242	12.08
	25° F	63,381	6.12	89,636	9.31	103,734	10.72	123,958	12.44
	30° F	70,148	6.31	98,875	9.57	114,352	11.02	136,395	12.81
	45° F	91,754	6.79	129,967	10.31	147,865	11.84	177,589	13.81
95° F	-10° F	25,133	4.80	37,860	7.57	43,684	8.60	52,907	9.96
	0° F	32,274	5.23	48,004	8.21	55,446	9.41	67,213	10.92
	10° F	41,118	5.71	59,915	8.85	69,339	10.20	83,666	11.85
	20° F ⁶	51,584	6.20	73,816	9.47	85,444	10.95	102,593	12.74
	25° F	57,368	6.44	81,588	9.77	94,318	11.31	113,132	13.16
	30° F	63,470	6.67	89,833	10.08	103,780	11.65	124,285	13.58
105° F	45° F ⁶	83,371	7.25	118,195	10.97	134,293	12.62	161,816	14.75
	-10° F	22,679	4.94	33,993	7.73	40,157	8.86	48,097	10.27
	0° F	29,009	5.40	43,358	8.43	50,873	9.75	61,269	11.33
	10° F	36,900	5.91	54,150	9.14	63,356	10.62	76,132	12.36
	20° F	46,240	6.45	66,594	9.84	77,684	11.46	93,085	13.36
	25° F	51,395	6.72	73,483	10.19	85,537	11.86	102,407	13.84
	30° F	56,822	6.98	80,883	10.54	93,892	12.25	112,303	14.32
115° F	45° F	74,833	7.67	106,090	11.57	121,251	13.35	146,157	15.66
	-10° F	20,309	5.06	30,029	7.85	36,347	9.09	43,149	10.53
	0° F	25,823	5.54	38,643	8.62	46,178	10.06	55,232	11.69
	10° F	32,731	6.08	48,345	9.39	57,364	11.01	68,552	12.84
	20° F	40,878	6.67	59,416	10.18	69,993	11.93	83,515	13.95
	25° F	45,389	6.96	65,502	10.57	76,945	12.37	91,713	14.49
	30° F	50,130	7.25	72,027	10.96	-	-	-	-
	45° F	-	-	-	-	-	-	-	-

R507 - High Temp

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 NDC 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}			
		NSC12H7	NSC15H7	NSC22H7	NSC25H7
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHNR22ME
Quantity of Compressors		1	1	1	1
MCA ¹ per circuit	208 V	87.3	100.2	125.8	152.4
	230 V	79.9	92.0	115.6	139.6
	460 V	40.0	46.0	57.8	69.8
	575 V	31.5	36.1	45.3	54.9
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
Total Number of Condenser Fan Motors		2	3	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	10x60	12x60
Receiver Capacity 80% Full per circuit (lbs.) ²		94	94	144	202
Unit Operating Charge per circuit (approx. lbs.)	Standard ³	99	100	122	156
	w/ Flood Control ³	181	181	230	291
Suction Connection per circuit - ODS (in.) ⁹		1 3/8	1 5/8	2 1/8	2 1/8
Liquid Line Connection per circuit - ODS (in.)		1 1/8	1 1/8	1 1/8	1 1/8
Unit Shipping Weight - Approximate (lbs.)		2,057	2,154	2,578	2,980
Unit Operating Weight - Approximate (lbs.) ⁷		2,046	2,142	2,624	3,092

Capacity Ratings		Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴	Capacity	KW ⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	71,515	11.52	79,277	13.61	100,441	17.50	108,327	18.26
	0° F	90,207	12.62	100,000	14.82	125,886	18.95	135,928	19.78
	10° F	112,244	13.71	124,505	16.03	158,085	20.42	170,964	21.30
	20° F	137,943	14.80	153,032	17.23	195,449	21.88	211,688	22.79
	25° F	152,204	15.34	168,970	17.81	215,615	22.59	233,707	23.52
	30° F	167,387	15.89	185,845	18.42	236,383	23.30	256,597	24.22
95° F	45° F	215,433	17.55	239,591	20.24	298,670	25.30	327,348	26.20
	-10° F	65,518	11.94	72,639	14.08	91,474	18.04	98,638	18.85
	0° F	82,659	13.13	91,643	15.40	114,096	19.64	123,174	20.52
	10° F	102,639	14.34	113,803	16.73	143,082	21.27	154,718	22.22
	20° F ⁶	125,754	15.55	139,540	18.06	176,849	22.92	191,675	23.92
	25° F	138,530	16.17	153,730	18.74	195,148	23.74	211,680	24.75
105° F	30° F	152,101	16.79	168,805	19.42	213,975	24.55	232,300	25.58
	45° F ⁶	195,832	18.68	217,873	21.50	271,459	26.89	296,796	27.94
	-10° F	59,608	12.33	66,097	14.51	82,684	18.56	89,225	19.40
	0° F	75,241	13.62	83,432	15.93	102,679	20.28	110,932	21.21
	10° F	93,147	14.94	103,368	17.39	128,733	22.06	139,319	23.07
	20° F	113,712	16.28	126,212	18.86	159,230	23.88	172,613	24.96
115° F	25° F	125,020	16.96	138,777	19.61	175,629	24.80	190,557	25.91
	30° F	136,995	17.65	152,086	20.38	192,607	25.71	209,168	26.85
	45° F	176,436	19.77	196,383	22.70	245,238	28.38	266,925	29.58
	-10° F	53,717	12.69	59,578	14.91	73,853	19.04	79,793	19.91
	0° F	67,889	14.07	75,295	16.43	91,526	20.86	98,999	21.84
	10° F	83,836	15.49	92,990	18.01	114,780	22.78	124,264	23.85
-	20° F	101,838	16.96	113,073	19.62	142,080	24.77	154,092	25.92
	25° F	-	-	-	-	156,809	25.77	170,222	26.96
	30° F	-	-	-	-	-	-	186,933	28.01
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

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.

R-507 - High Temp		Model Numbers^{5, 8}			
		NSC30H7	NSC35H7	NSC40H7	NSC50H7
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		1	1	1	1
MCA¹ per circuit	208 V	181.8	228.7	243.7	-
	230 V	166.7	209.6	223.1	-
	460 V	83.4	104.8	111.6	131.7
	575 V	65.5	82.4	87.8	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		5	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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	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.)	Standard³	175	188	209	209
	w/ Flood Control³	309	347	370	370
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		3,081	3,440	3,466	3,512
Unit Operating Weight - Approximate (lbs.)⁷		3,194	3,552	3,579	3,625

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	125,701	21.86	162,296	27.36	190,824	32.17	232,856	39.07
	0° F	161,240	23.98	204,329	29.89	239,025	35.47	283,510	43.27
	10° F	202,905	26.17	254,335	32.44	295,884	38.70	349,728	47.62
	20° F	250,804	28.36	313,216	34.92	361,170	41.93	422,413	52.18
	25° F	277,012	29.43	346,111	36.13	394,987	43.58	460,605	54.59
	30° F	304,822	30.48	381,290	37.30	429,917	45.25	499,590	57.06
	45° F	391,472	33.45	493,185	40.59	541,491	50.58	614,883	65.05
95° F	-10° F	114,255	22.48	146,476	28.14	173,287	33.14	211,870	40.34
	0° F	146,230	24.83	185,693	30.98	217,583	36.76	257,705	44.97
	10° F	183,882	27.24	231,519	33.86	269,491	40.35	318,118	49.71
	20° F ⁶	227,170	29.65	285,037	36.68	328,732	43.96	385,827	54.64
	25° F	250,849	30.85	314,535	38.07	361,009	45.79	420,732	57.22
	30° F	275,773	32.04	346,182	39.42	392,445	47.69	456,254	59.87
105° F	45° F ⁶	355,918	35.38	448,262	43.21	493,572	53.66	560,841	68.31
	-10° F	103,293	23.05	131,066	28.75	156,666	33.93	190,581	41.36
	0° F	131,799	25.58	167,140	31.91	196,617	37.89	231,595	46.42
	10° F	165,267	28.21	208,748	35.11	243,308	41.85	285,886	51.58
	20° F	203,892	30.86	256,363	38.28	296,340	45.86	347,968	56.91
	25° F	225,023	32.17	282,822	39.82	325,002	47.92	379,970	59.65
	30° F	247,249	33.48	310,908	41.34	354,559	50.00	411,991	62.47
115° F	45° F	320,324	37.21	403,435	45.61	-	-	-	-
	-10° F	92,786	23.54	115,730	29.21	140,149	34.52	169,095	42.12
	0° F	117,678	26.27	148,556	32.69	175,407	38.86	204,865	47.64
	10° F	147,035	29.10	185,591	36.20	216,577	43.20	-	-
	20° F	180,814	31.98	227,738	39.69	-	-	-	-
	25° F	199,380	33.41	-	-	-	-	-	-
	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 NDC 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.

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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}			
		NDC10H7	NDC16H7	NDC18H7	NDC20H7
Compressor Model Number		2DD3R63KE	2DA3R89KE	3DA3R10ME	3DB3R12ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	36.0	53.3	65.5	70.5
	230 V	33.1	49.2	60.2	64.7
	460 V	16.6	24.6	30.1	32.3
	575 V	13.0	19.2	23.6	25.4
Compressor RLA (each)	208 V	24.3	34.5	44.2	48.2
	230 V	22.0	31.2	40.0	43.6
	460 V	11.0	15.6	20.0	21.8
	575 V	8.8	12.5	16.0	17.4
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.)	Standard³	41	57	60	68
	w/ Flood Control³	72	98	100	129
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 3/8	1 3/8	1 3/8
Liquid Line Connection per circuit - ODS (in.)		5/8	7/8	7/8	7/8
Unit Shipping Weight - Approximate (lbs.)		2,721	3,218	3,484	3,890
Unit Operating Weight - Approximate (lbs.)⁷		2,569	3,066	3,333	3,739

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	55,478	9.29	83,218	14.73	94,793	16.65	115,368	19.23
	0° F	71,214	10.10	105,146	15.89	120,680	18.11	146,351	20.95
	10° F	90,768	10.97	131,300	17.02	151,596	19.50	182,545	22.59
	20° F	113,958	11.82	162,122	18.09	187,580	20.81	224,484	24.16
	25° F	126,762	12.24	179,272	18.63	207,468	21.44	247,916	24.89
	30° F	140,296	12.63	197,750	19.14	228,704	22.03	272,791	25.62
	45° F	183,508	13.58	259,934	20.63	295,729	23.69	355,178	27.62
95° F	-10° F	50,266	9.60	75,720	15.14	87,368	17.20	105,815	19.92
	0° F	64,547	10.47	96,008	16.43	110,892	18.83	134,427	21.84
	10° F	82,235	11.42	119,830	17.69	138,679	20.40	167,331	23.70
	20° F ⁶	103,169	12.40	147,632	18.94	170,889	21.90	205,186	25.48
	25° F	114,736	12.87	163,175	19.54	188,636	22.62	226,264	26.32
	30° F	126,940	13.33	179,666	20.16	207,559	23.31	248,569	27.16
105° F	45° F ⁶	166,741	14.51	236,389	21.93	268,585	25.23	323,632	29.51
	-10° F	45,359	9.88	67,987	15.45	80,314	17.72	96,194	20.53
	0° F	58,018	10.80	86,715	16.86	101,746	19.51	122,538	22.65
	10° F	73,800	11.83	108,300	18.27	126,712	21.24	152,264	24.72
	20° F	92,480	12.90	133,189	19.68	155,367	22.91	186,170	26.72
	25° F	102,789	13.44	146,965	20.38	171,074	23.72	204,814	27.68
115° F	30° F	113,645	13.96	161,766	21.08	187,785	24.50	224,605	28.64
	45° F	149,666	15.35	212,181	23.14	242,501	26.71	292,313	31.32
	-10° F	40,619	10.12	60,058	15.70	72,694	18.19	86,298	21.06
	0° F	51,647	11.07	77,285	17.23	92,356	20.12	110,464	23.38
	10° F	65,462	12.17	96,689	18.79	114,728	22.01	137,105	25.67
	20° F	81,756	13.33	118,833	20.36	139,985	23.86	167,030	27.89
	25° F	90,778	13.92	131,005	21.14	153,889	24.74	183,426	28.98
30° F	100,260	14.50	144,053	21.93	-	-	-	-	
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 NDC 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}			
		NDC24H7	NDC30H7	NDC44H7	NDC50H7
Compressor Model Number		3DF3R15ME	3DS3R17ME	4DBNR20ME	4DHNR22ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	87.3	100.2	125.8	152.4
	230 V	79.9	92.0	115.6	139.6
	460 V	40.0	46.0	57.8	69.8
	575 V	31.5	36.1	45.3	54.9
Compressor RLA (each)	208 V	61.7	68.3	85.1	106.4
	230 V	55.8	61.8	77.0	96.2
	460 V	27.9	30.9	38.5	48.1
	575 V	22.3	24.7	30.8	38.5
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	12x60
Receiver Capacity 80% Full per circuit (lbs.)²		94	94	144	202
Unit Operating Charge per circuit (approx. lbs.)	Standard³	99	100	122	156
	w/ Flood Control³	181	181	230	291
Suction Connection per circuit - ODS (in.)⁹		1 3/8	1 5/8	2 1/8	2 1/8
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	5,177	5,993
Unit Operating Weight - Approximate (lbs.)⁷		4,045	4,244	5,207	6,156

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	143,030	23.04	158,555	27.22	200,883	35.00	216,655	36.52
	0° F	180,415	25.24	200,000	29.65	251,772	37.91	271,857	39.56
	10° F	224,488	27.43	249,010	32.05	316,171	40.84	341,928	42.60
	20° F	275,885	29.60	306,065	34.45	390,897	43.75	423,375	45.58
	25° F	304,407	30.69	337,940	35.63	431,229	45.18	467,415	47.04
	30° F	334,774	31.78	371,690	36.83	472,766	46.61	513,195	48.44
	45° F	430,867	35.10	479,182	40.48	597,341	50.60	654,695	52.41
95° F	-10° F	131,037	23.88	145,277	28.15	182,948	36.09	197,275	37.70
	0° F	165,319	26.27	183,287	30.80	228,192	39.28	246,348	41.05
	10° F	205,277	28.68	227,606	33.46	286,163	42.54	309,437	44.45
	20° F ⁶	251,508	31.11	279,080	36.12	353,699	45.85	383,349	47.83
	25° F	277,060	32.33	307,460	37.47	390,296	47.48	423,359	49.50
	30° F	304,202	33.57	337,610	38.84	427,950	49.11	464,600	51.17
	45° F ⁶	391,664	37.36	435,745	42.99	542,918	53.79	593,592	55.88
105° F	-10° F	119,215	24.66	132,193	29.02	165,368	37.12	178,451	38.80
	0° F	150,483	27.24	166,865	31.87	205,357	40.56	221,864	42.42
	10° F	186,295	29.88	206,737	34.77	257,466	44.12	278,638	46.14
	20° F	227,424	32.55	252,425	37.73	318,459	47.76	345,225	49.91
	25° F	250,039	33.91	277,554	39.23	351,258	49.60	381,113	51.81
	30° F	273,990	35.30	304,171	40.75	385,215	51.42	418,336	53.69
	45° F	352,872	39.53	392,767	45.40	490,476	56.75	533,849	59.15
115° F	-10° F	107,434	25.39	119,156	29.82	147,705	38.08	159,587	39.83
	0° F	135,777	28.14	150,590	32.87	183,051	41.73	197,999	43.67
	10° F	167,671	30.99	185,981	36.02	229,560	45.56	248,529	47.70
	20° F	203,676	33.92	226,145	39.24	284,160	49.53	308,184	51.84
	25° F	-	-	-	-	313,617	51.54	340,444	53.93
	30° F	-	-	-	-	-	-	373,865	56.01
	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 NDC 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}			
		NDC60H7	NDC70H7	NDC80H7	NDC100H7
Compressor Model Number		4DJNR28ME	6DHNR35ME	6DJNR40ME	6DUNR49ME
Quantity of Compressors		2	2	2	2
MCA¹ per circuit	208 V	181.8	228.7	243.7	-
	230 V	166.7	209.6	223.1	-
	460 V	83.4	104.8	111.6	131.7
	575 V	65.5	82.4	87.8	-
Compressor RLA (each)	208 V	126.3	160.1	172.1	-
	230 V	114.2	144.8	155.6	-
	460 V	57.1	72.4	77.8	93.9
	575 V	45.7	57.9	62.2	-
Total Number of Condenser Fan Motors		10	12	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	-
	230 V	4.6	4.6	4.6	-
	460 V	2.3	2.3	2.3	2.3
	575 V	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.)	Standard³	175	188	209	209
	w/ Flood Control³	309	347	370	370
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 3/8	1 3/8	1 5/8	1 5/8
Unit Shipping Weight - Approximate (lbs.)		6,194	6,913	6,966	7,056
Unit Operating Weight - Approximate (lbs.)⁷		6,357	7,076	7,129	7,220

Capacity Ratings		Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴	Capacity	KW⁴
Ambient Temp.	Suction Temp.								
85° F	-10° F	251,403	43.71	324,593	54.71	381,648	64.34	465,713	78.14
	0° F	322,480	47.97	408,658	59.78	478,050	70.94	567,020	86.55
	10° F	405,810	52.35	508,671	64.87	591,769	77.40	699,455	95.24
	20° F	501,609	56.71	626,432	69.84	722,340	83.86	844,825	104.36
	25° F	554,025	58.86	692,222	72.25	789,974	87.16	921,210	109.17
	30° F	609,645	60.95	762,580	74.61	859,834	90.50	999,180	114.12
	45° F	782,944	66.91	986,371	81.18	1,082,983	101.15	1,229,767	130.10
95° F	-10° F	228,510	44.97	292,952	56.27	346,574	66.27	423,740	80.67
	0° F	292,459	49.66	371,387	61.97	435,166	73.51	515,409	89.95
	10° F	367,763	54.48	463,038	67.73	538,983	80.69	636,236	99.42
	20° F ⁶	454,341	59.31	570,074	73.35	657,464	87.93	771,655	109.28
	25° F	501,699	61.70	629,069	76.13	722,017	91.58	841,463	114.44
30° F	551,545	64.07	692,363	78.83	784,891	95.38	912,507	119.74	
45° F ⁶	711,836	70.77	896,523	86.43	987,143	107.31	1,121,681	136.63	
105° F	-10° F	206,587	46.09	262,133	57.50	313,332	67.85	381,163	82.72
	0° F	263,599	51.17	334,281	63.83	393,235	75.79	463,191	92.85
	10° F	330,534	56.43	417,496	70.22	486,616	83.70	571,771	103.16
	20° F	407,785	61.72	512,726	76.56	592,680	91.72	695,936	113.82
	25° F	450,045	64.35	565,644	79.64	650,004	95.83	759,940	119.29
	30° F	494,499	66.96	621,815	82.67	709,118	100.00	823,983	124.94
45° F	640,647	74.42	806,869	91.23	-	-	-	-	
115° F	-10° F	185,573	47.08	231,459	58.42	280,298	69.05	338,190	84.23
	0° F	235,356	52.54	297,112	65.37	350,813	77.72	409,731	95.27
	10° F	294,071	58.20	371,183	72.41	433,155	86.40	-	-
	20° F	361,628	63.95	455,477	79.37	-	-	-	-
	25° F	398,760	66.81	-	-	-	-	-	-
	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 NDC models, some of the unit details listed above will change. Contact your local Century Representative for details.

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.

6 - Rated in accordance with ANSI/AHRI Standard 520-2004.

7 - Operating weight reflects flooded refrigerant charge.

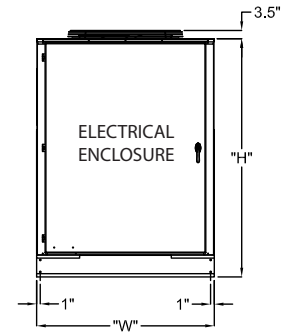
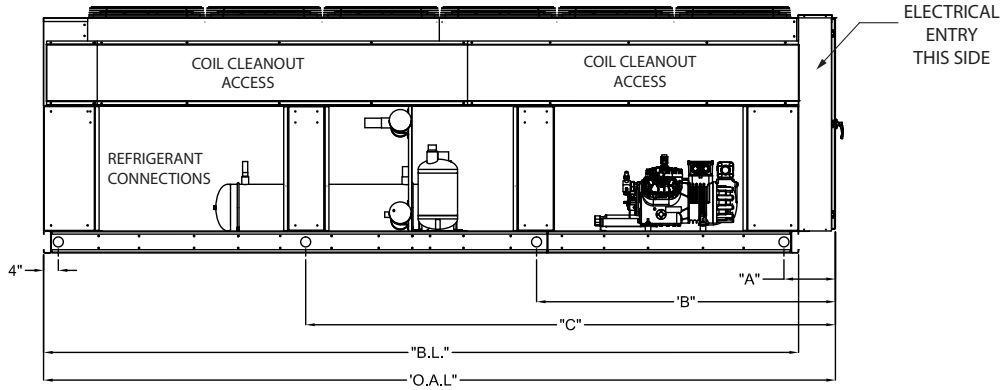
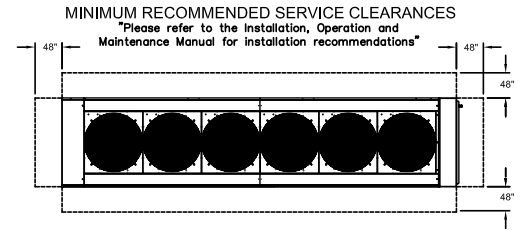
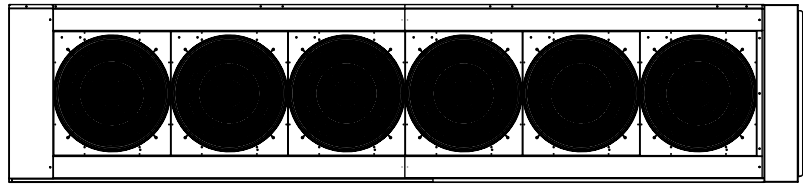
8 - Dual units are standard with dual electrical and refrigerant circuiting.

9 - Size based on mounted optional suction line trim.

"-" - Consult your local Century Representative.

DIMENSIONAL DATA

NSC Dimensions



ϕ 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
NSC05H	88	78	48 1/2	65	4	-	-
NSC08H	88	78	48 1/2	65	4	-	-
NSC09H	120	110	48 1/2	65	4	55	-
NSC10H	120	110	48 1/2	65	4	55	-
NSC12H	120	110	48 1/2	65	4	55	-
NSC15H	120	110	48 1/2	65	4	55	-
NSC22H	152	142	48 1/2	65	4	71	-
NSC25H	184	174	48 1/2	65	4	61	113
NSC30H	184	174	48 1/2	65	4	61	113
NSC35H	216	206	48 1/2	65	4	71 1/2	134 1/2
NSC40H	216	206	48 1/2	65	4	71 1/2	134 1/2
NSC50H	216	206	48 1/2	65	4	71 1/2	134 1/2

¹ All dimensions in inches

NSC DIMENSIONS

Medium Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSC05M	88	78	48 1/2	65	4	-	-
NSC08M	88	78	48 1/2	65	4	-	-
NSC09M	88	78	48 1/2	65	4	-	-
NSC10M	88	78	48 1/2	65	4	-	-
NSC12M	88	78	48 1/2	65	4	-	-
NSC15M	88	78	48 1/2	65	4	-	-
NSC22M	120	110	48 1/2	65	4	55	-
NSC25M	120	110	48 1/2	65	4	55	-
NSC30M	120	110	48 1/2	65	4	55	-
NSC35M	152	142	48 1/2	65	4	71	-
NSC40M	184	174	48 1/2	65	4	61	113
NSC50M	184	174	48 1/2	65	4	61	113

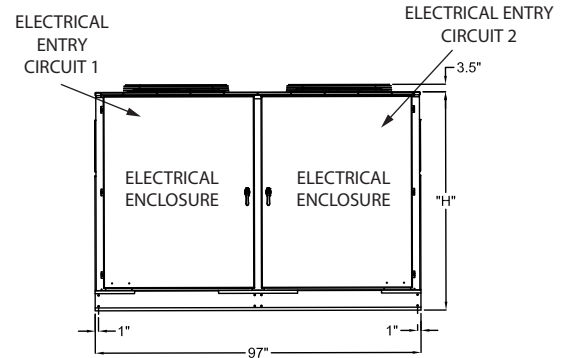
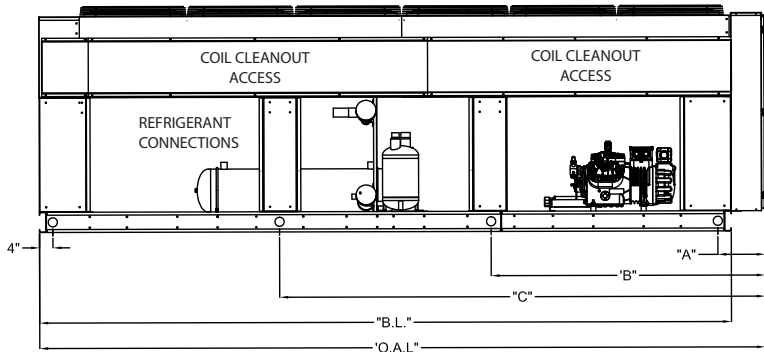
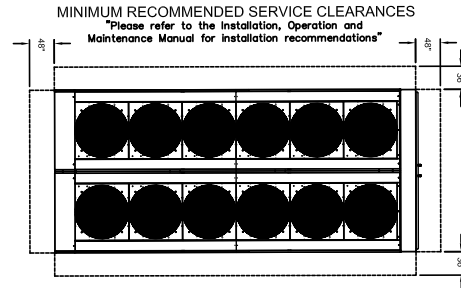
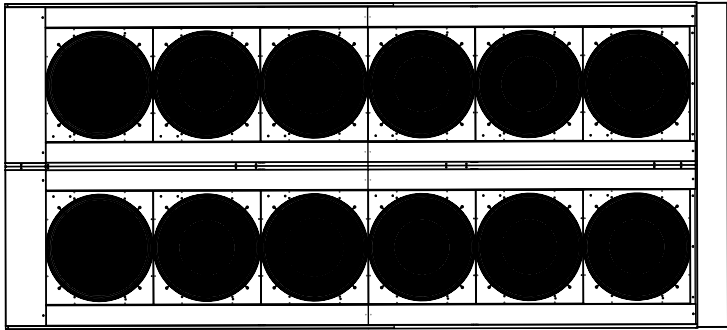
Low Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NSC03L	88	78	48 1/2	65	4	-	-
NSC04L	88	78	48 1/2	65	4	-	-
NSC05L	88	78	48 1/2	65	4	-	-
NSC08L	88	78	48 1/2	65	4	-	-
NSC10L	88	78	48 1/2	65	4	-	-
NSC12L	88	78	48 1/2	65	4	-	-
NSC15L	88	78	48 1/2	65	4	-	-
NSC22L	120	110	48 1/2	65	4	55	-
NSC25L	152	142	48 1/2	65	4	71	-
NSC30L	152	142	48 1/2	65	4	71	-
NSC40L	184	174	48 1/2	65	4	61	113

¹ All dimensions in inches

DIMENSIONAL DATA

NDC 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
NDC10H	88	78	97	65	4	-	-
NDC16H	88	78	97	65	4	-	-
NDC18H	120	110	97	65	4	55	-
NDC20H	120	110	97	65	4	55	-
NDC24H	120	110	97	65	4	55	-
NDC30H	120	110	97	65	4	55	-
NDC44H	152	142	97	65	4	71	-
NDC50H	184	174	97	65	4	61	113
NDC60H	184	174	97	65	4	61	113
NDC70H	216	206	97	65	4	71 1/2	134 1/2
NDC80H	216	206	97	65	4	71 1/2	134 1/2
NDC100H	216	206	97	65	4	71 1/2	134 1/2

¹ All dimensions in inches

NDC DIMENSIONS

Medium Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDC10M	88	78	97	65	4	-	-
NDC16M	88	78	97	65	4	-	-
NDC18M	88	78	97	65	4	-	-
NDC20M	88	78	97	65	4	-	-
NDC24M	88	78	97	65	4	-	-
NDC30M	88	78	97	65	4	-	-
NDC44M	120	110	97	65	4	55	-
NDC50M	120	110	97	65	4	55	-
NDC60M	120	110	97	65	4	55	-
NDC70M	152	142	97	65	4	71	-
NDC80M	184	174	97	65	4	61	113
NDC100M	184	174	97	65	4	61	113

Low Temp Models

Unit Model	O.A.L.	B.L.	W	H	A	B	C
NDC06L	88	78	97	65	4	-	-
NDC08L	88	78	97	65	4	-	-
NDC10L	88	78	97	65	4	-	-
NDC16L	88	78	97	65	4	-	-
NDC20L	88	78	97	65	4	-	-
NDC24L	88	78	97	65	4	-	-
NDC30L	88	78	97	65	4	-	-
NDC44L	120	110	97	65	4	55	-
NDC50L	152	142	97	65	4	71	-
NDC60L	152	142	97	65	4	71	-
NDC80L	184	174	97	65	4	61	113

¹ All dimensions in inches

AWEF Tables

AWEF Data							
	R448a	R449a	R407a	R407c	R407f	R507	R404a
NSC03L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC04L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC05L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC08L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC10L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC12L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC15L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC22L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC25L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC30L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NSC40L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC06L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC08L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC10L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC16L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC20L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC24L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC30L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC44L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC50L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC60L	3.15	3.15	3.15	3.15	3.15	3.15	3.15
NDC80L	3.15	3.15	3.15	3.15	3.15	3.15	3.15

AWEF Data							
	R448a	R449a	R407a	R407c	R407f	R507	R404a
NSC05M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC08M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC09M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC10M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC12M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC15M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC22M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC25M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC30M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC35M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC40M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC50M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC10M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC16M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC18M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC20M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC24M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC30M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC44M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC50M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC60M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC70M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC80M	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC100M	7.6	7.6	7.6	7.6	7.6	7.6	7.6

AWEF Data							
	R448a	R449a	R407a	R407c	R407f	R507	R404a
NSC05H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC08H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC09H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC10H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC12H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC15H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC22H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC25H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC30H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC35H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC40H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NSC50H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC10H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC16H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC18H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC20H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC24H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC30H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC44H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC50H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC60H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC70H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC80H	7.6	7.6	7.6	7.6	7.6	7.6	7.6
NDC100H	7.6	7.6	7.6	7.6	7.6	7.6	7.6

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