BOHN

BN-DVCU | **FEBRUARY 2025**
Replaces November 2024

24-100 HP DUAL VERTICAL AIR-COOLED CONDENSING UNIT

Technical Guide

Now including A2L DOE compliant models

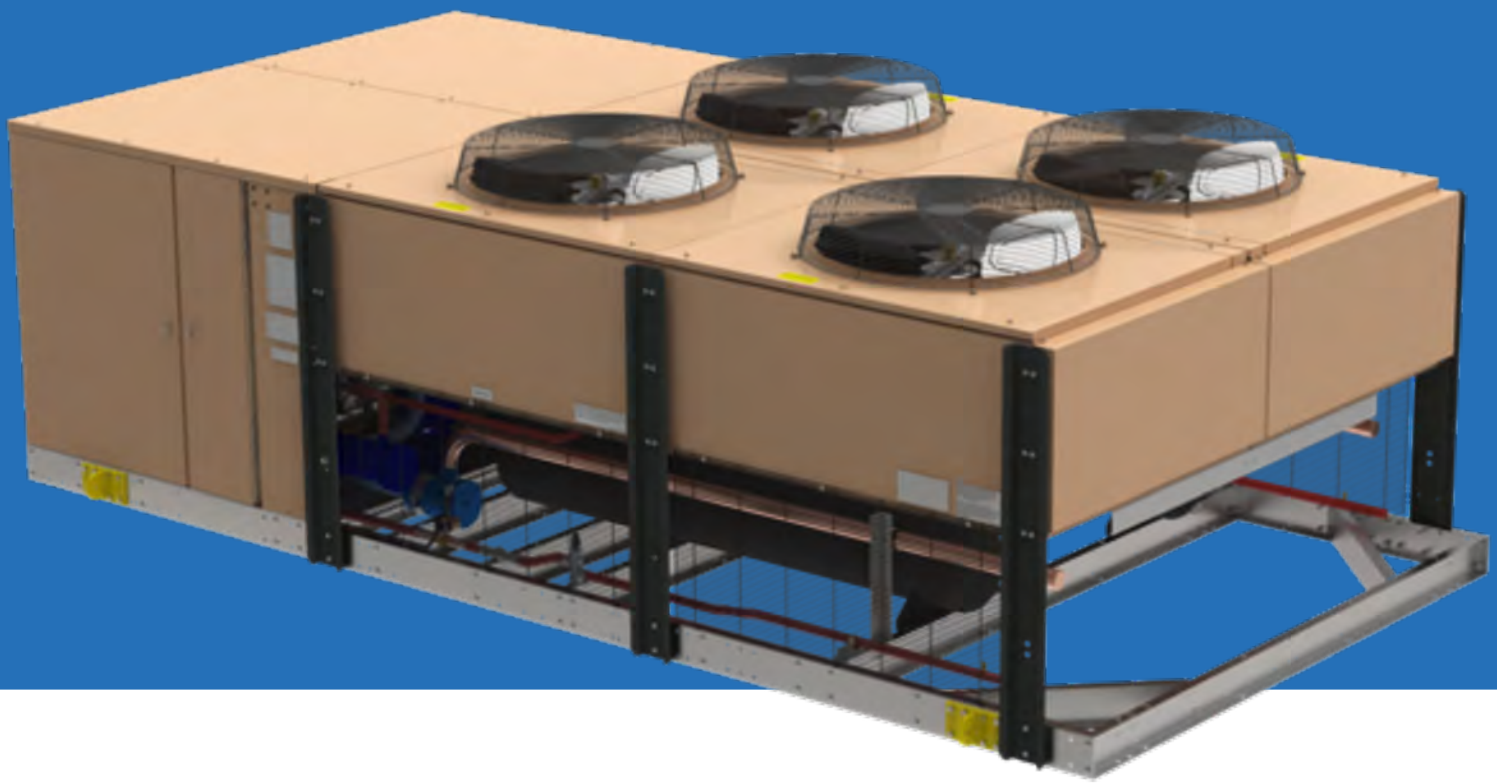


TABLE OF CONTENTS

3 Features & Benefits
5 Nomenclature
5 Preferred Option Packages
6 Standard Features / Electrical & Mechanical Options
7 Single & Dual Compressors
8 Adjustable Head Pressure Control

Models with Dual Copeland Discus™ Compressors

10 Performance Data/Copeland Compressor Models
- A2L Medium Temperature Copeland Compressors
  - 10 A2L Medium Temperature (R-454A)
  - 11 A2L Medium Temperature (R-454C)
  - 12 A2L Medium Temperature (R-455A)
  - 13 A2L Low Temperature (R-454A)
  - 14 A2L Low Temperature (R-454C)
  - 15 A2L Low Temperature (R-455A
- A1 Medium Temperature Copeland Compressors
  - 16 A1 Medium Temperature (R-404A/R-507A)
  - 17 A1 Medium Temperature (R-448A/R-449A)
  - 18 A1 Medium Temperature (R-407A/R-407F)
  - 19 A1 Medium Temperature (R-407C)
- A1 Low Temperature Copeland Compressors
  - 20 A1 Low Temperature (R-404A/R-507A)
  - 21 A1 Low Temperature (R-448A/R-449A)
  - 22 A1 Low Temperature (R-407A/R-407F)
  - 23 A1 Low Temperature (R-407C)

24 A2L/A1 Unit Specifications
- A2L Medium & Low Temperature
  - 24 A2L Medium & Low Temperature Models
- A1 Medium & Low Temperature
  - 25 A1 Medium & Low Temperature Models

26 Electrical Data/Copeland Compressor Models
- A2L Medium & Low Temperature Copeland Compressors
  - 26 A2L Medium Temperature
  - 28 A2L Low Temperature
- A1 Medium & Low Temperature Copeland Compressors
  - 29 A1 Medium Temperature
  - 31 A1 Low Temperature

32 A2L/A1 AWEF Copeland Data
- 32 Medium Temperature Dual Copeland Discus™ Compressors Parallel Piped
- 32 Medium Temperature Dual Copeland Discus™ Compressors Parallel Piped/575V
- 33 Low Temperature Dual Copeland Discus™ Compressors Parallel Piped

Models with Dual Bitzer Semi-Hermetic Compressors

35 Performance Data For Bitzer Compressor Models
- A2L Medium & Low Temperature Bitzer Compressor Models
  - 35-36 A2L Medium Temperature (R-454C)
  - 37-38 A2L Medium Temperature (R-455A)
  - 39 A2L Low Temperature (R-454C)
  - 40 A2L Low Temperature (R-455A)
- A1 Medium & Low Temperature Bitzer Compressor Models
  - 41-42 A1 Medium Temperature (R-404A/R-507A)
  - 43-44 A1 Medium Temperature (R-448A/R-449A)
  - 45-46 A1 Medium Temperature (R-407A/R-407F)
  - 47-48 A1 Medium Temperature R-407C)
  - 49 A1 Low Temperature (R-404A/R-507A)
  - 50 A1 Low Temperature (R-448A/R-449A)
  - 51 A1 Low Temperature (R-407A/R-407F)
  - 52 A1 Low Temperature R-407C)

53 A2L/A1 Unit Specifications
- 53 A2L Medium & Low Temperature Models
- 54 A1 Medium & Low Temperature Models

55 Electrical Data/Bitzer Compressor Models
- A2L & A1 Medium & Low Temperature
  - 55 A2L Medium Temperature
  - 56 A2L Low Temperature
  - 57 A1 Medium Temperature
  - 58 A1 Low Temperature

59 A2L/A1 AWEF Bitzer Data
- 59 Medium and Low Temperature

60 Dimensional Drawings

FEATURES & BENEFITS

QUALITY

- All joints are sweat type connections, no mechanical joints to leak
- Fixed high and adjustable low pressure switch
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible to reduce leak potential
- Pressure relief valve on receiver
- Refrigeration duty, rifled copper condenser tubing
- Separate subcooling circuit in condenser for added capacity and vapor free liquid
- Servicemate diagnostic module standard on all non-Beacon condensing units
- Sight glass is easily viewable

SERVICEABILITY

- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access
- Manual pumpdown switch on all units
- Lighted e-box with battery back-up
- Hinged venturi fan panels for easy access
- E-box door props

COMPONENTS

- Dual compressor models available in standard or parallel piped configurations
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves
- Sight glass and permanent liquid line filter
- Spring-mounted compressors with suction and discharge eliminators
- High efficiency motors
- High pressure switch-auto reset
- Adjustable head pressure control
- Aluminum fin coil
- Sealed liquid line filter drier (lqd. Std.)
- Liquid line sight glass (lqd. Std.)

CABINET AND CONSTRUCTION

- All units feature the floating tube coil which eliminates tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance
- Clevis hook-up brackets to aid unit installation

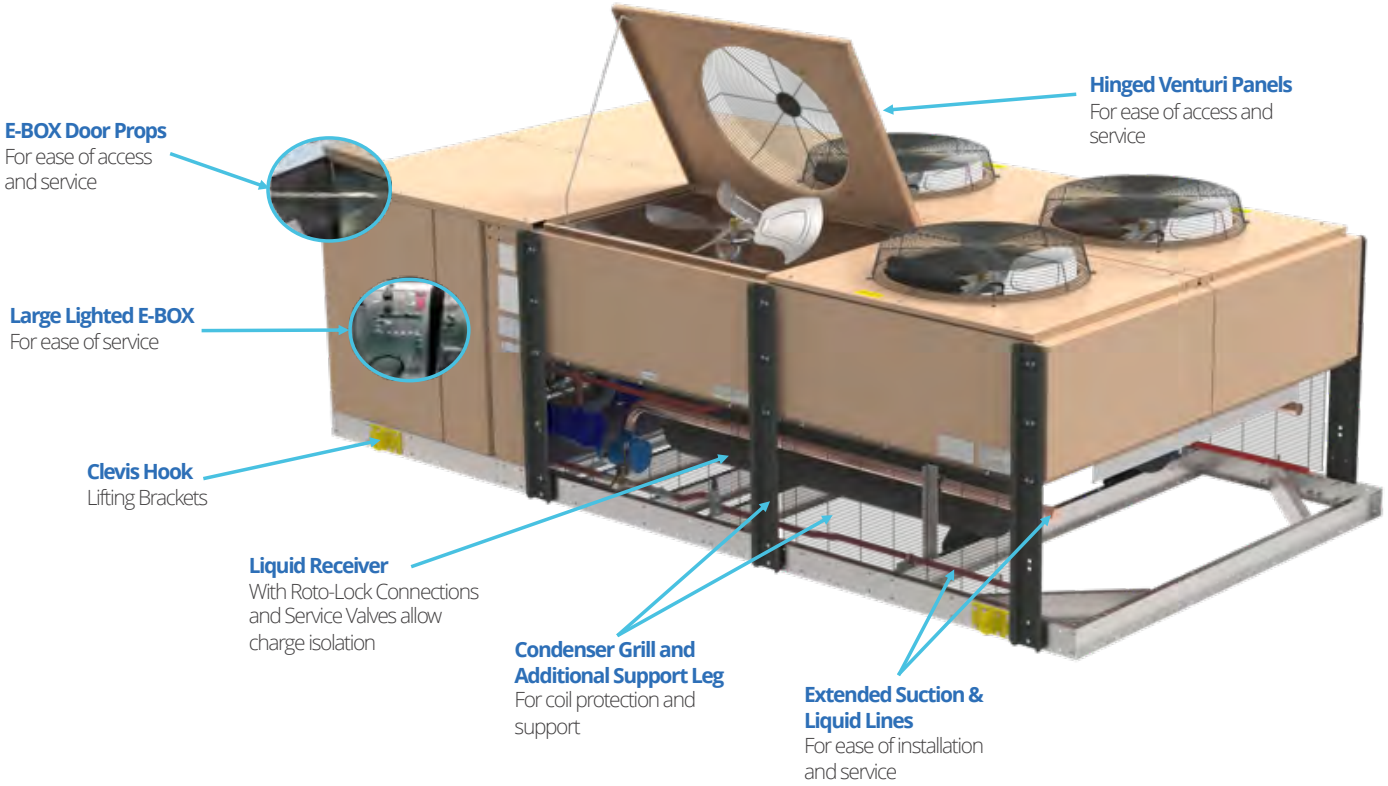
ADDITIONAL STANDARD FEATURES FOR PARALLEL PIPED UNITS

- Replacable Core Liquid Line Filter-Drier
- Replacable Core suction filter
- Suction Accumulator
- Oil Management System

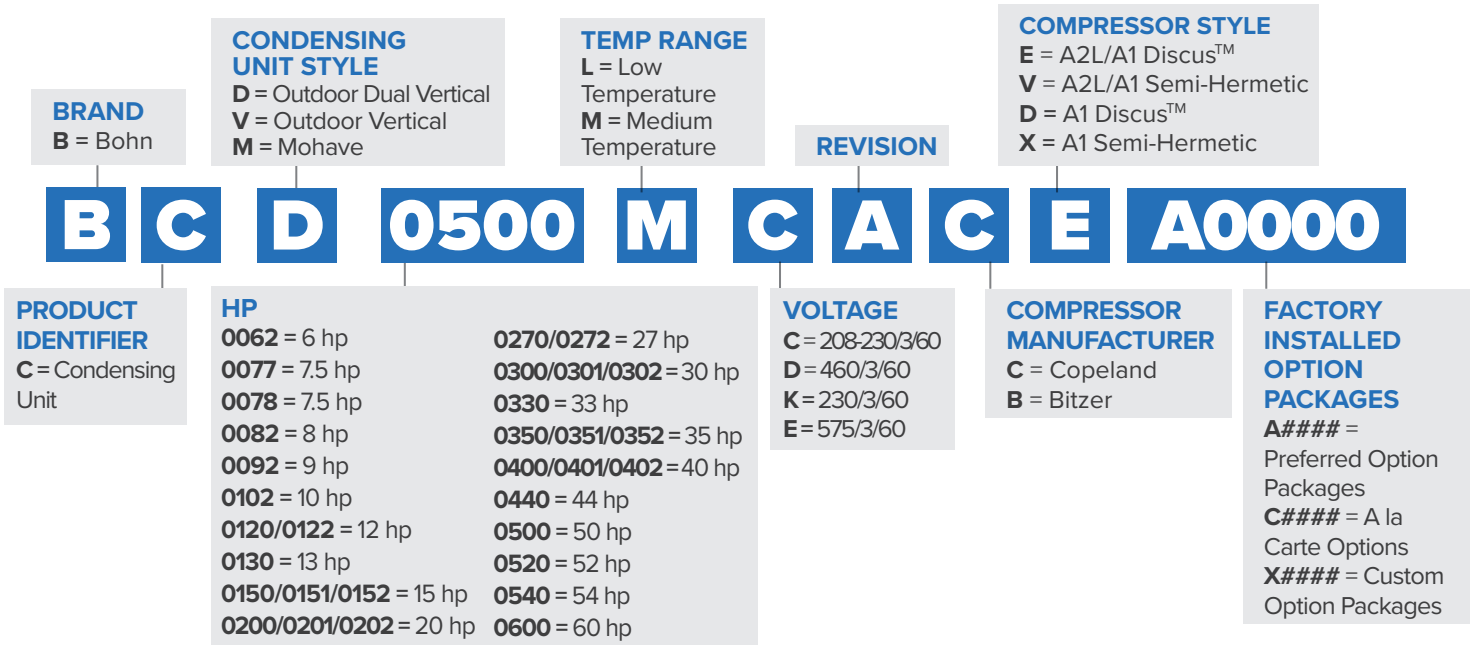
A2L FEATURES

- Condenser grills to protect coil, piping and components
- Long end panel for enhanced protection
- Additional support legs for enhanced security and robustness
- Extended suction and liquid lines for ease of installation and service
- Red tags on service valves and connection points as indicators for A2L refrigerants
- A2L labels to meet regulatory requirement

OUTSTANDING FEATURES



NOMENCLATURE



FACTORY INSTALLED: PREFERRED OPTION PACKAGES

Please see Price Book or The HUB for availability

Option Code	Description (All Preferred Options include Standard Base +)
A0100	Defrost Timer – Air
A0400	Compressor monitoring connection for intelliGen control at unit cooler
A1002	Lqd. Std. Replaceable core filter-dryer + Replaceable Core Suction line filter + Accumulator
A1003	Replaceable Core Suction-line filter + Accumulator
A1004	Pr. Controlled fan cycling + Replaceable Core filter + Accumulator
A1300	Oil Separator
A1400	Phase Loss Motor
A1500	Parallel Piping (Suction Accumulator + Rep. Core Suction filter + Rep. Core Liquid filter + Oil Separator)

STANDARD FEATURES

Aluminum Fin Coil
Adjustable Head Pressure Control
Sealed Liquid Line Filter Drier (Liquid Standard)
Liquid Line Sight Glass (Liquid Standard)
High Pressure Switch-Auto reset
Low Pressure Switch

ELECTRICAL OPTIONS

Option	Outdoor
Air or Electric Defrost Timer	**Option**
Compressor monitoring connection for intelliGen control at unit cooler	**Option**
Fan Cycling-Temperature	**Option**
Fan Cycling-Pressure	**Option**
Fused Disconnect-Air	**Option**
Non-Fused Disconnect-Air	**Option**
Compressor Circuit Breaker	**Option**
Phase Loss Monitor	**Option**
Anti-short Cycling Timer	**Option**
Manual Reset High Pressure Switch	**Option**
Variable Speed EC w/ Title 24 Motor Kit	**Option**

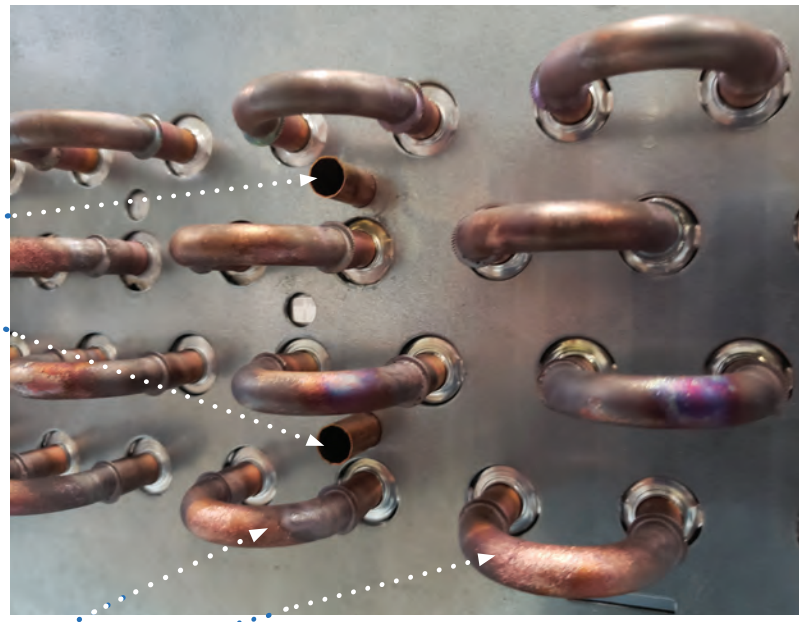
MECHANICAL OPTIONS

Option	Outdoor
Parallel Pipiing	**Option**
Replacable Core Liquid Line Filter Drier and Sight Glass	**Option**
Liquid Line Filter Drier, Sight Glass, and Solenoid Valve	**Option**
Suction Line Filter	**Option**
Replacable Core Suction Line Filter	**Option**
Suction Accumulator	**Option**
Oil Seperator with Discharge Line Check Valve	**Option**
Discharge Muffler	**Option**
3-Way Heat Reclaim Valve and Check Valve	**Option**
Compressor Unloading with Pressure Control for 1 Cyl. Bank	**Option**
Demand Cooling/CIC	**Option**
Standard Receiver with Low Ambient Kit (heated/insulated receiver & low pressure bypass time delay relay)	**Option**

SINGLE & DUAL COMPRESSORS

Units featuring Floating Tube Coil Design

Expanded (Locked) Auxiliary Tubes
These tubes support the coil with fins and refrigerant carrying tubes. They do not carry refrigerant and are tightly fitted on end supports and center supports



Free Floating Circuited Coil Tubes
These tubes carry refrigerant and never touch the sheet metal end supports or center supports.

All units include a limited
Five Year Warranty
against condenser leaks at tube sheets and center supports.

All condensers use the Floating Tube™ coil design to eliminate refrigerant leaks at the tube sheets. Additional tubes are added to the condenser coil. These tubes are expanded into the aluminum fins and condenser tube sheets. These anchor tubes support the weight of the coil, but are not a part of the refrigerant circuit.

The tubes in the refrigerant circuit are expanded into the fins, but “float” through oversized holes in the tube sheets. Tube sheet leaks are virtually eliminated, since the tubes which carry refrigerant never come in contact with the tube sheet.

ADJUSTABLE HEAD PRESSURE CONTROL

Resource II

Bohn's most energy efficient low ambient head pressure control. This system provides year round control of refrigerant head pressure without the use of special refrigerant expansion valves.

Resource II combines the benefits of refrigerant subcooling and reduced discharged pressure during mild ambient conditions. As the ambient temperature falls the receiver pressure is allowed to fall to a minimum of 75° F. saturated condensing pressure. The reduced discharge pressure at the compressor increases the compressor capacity and lowers the input watts from the compressor motor. Resource II also uses the reduced ambient temperature to subcool the liquid refrigerant in the condenser. This subcooled liquid also increases system capacity. As a general rule, every one degree of subcooling results in a 1/2% increase in system capacity. Together these result in greater efficiency, greater capacity, and reduced run time.

Benefits

- Automatic year round control of refrigerant head pressure without the use of special expansion valves.
- Energy savings in mild ambient conditions due to reduced compressor discharge pressure and refrigerant subcooling.
- Provides easy restart during low ambient conditions.

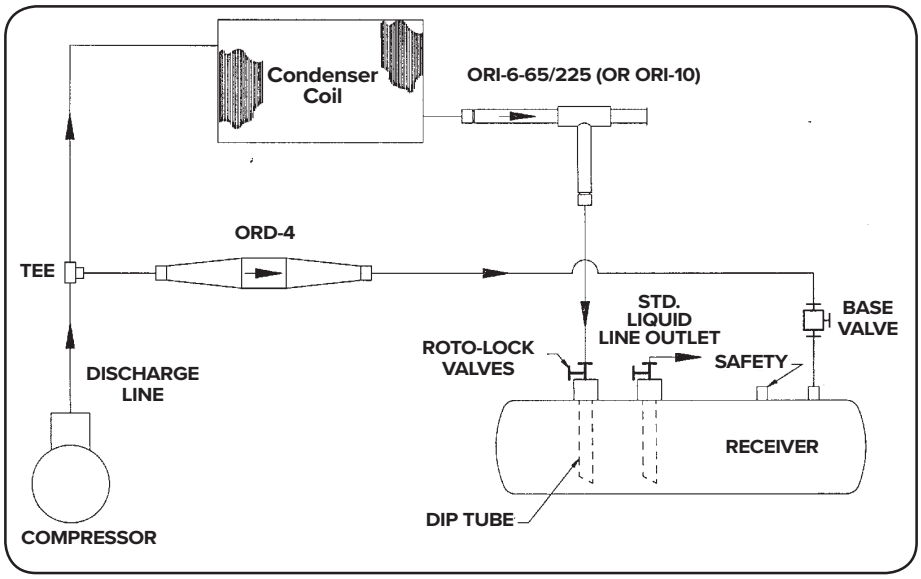
Operation

As the ambient temperature falls, the system condensing pressure is also reduced. This pressure is maintained by a regulator (ORI-6-65/225) at the condenser drain. At approximately 75°F. saturated condensing pressure the regulator restricts the flow of liquid refrigerant from the condenser causing the condenser to flood. This condenser flooding allows the liquid refrigerant in the condenser to become subcooled by the ambient air flowing through the condenser. As the regulator continues to flood the condenser a pressure differential will be established between the receiver and the compressor discharge. At a predescribed differential, a second valve (ORD-4) will open and allow discharge gas from the compressor to bypass the condenser and flow into the top of the receiver. This gas is used to pressurize the receiver.

Both the inlet and outlet tubes of the receiver have dip tubes which are immersed in liquid refrigerant. The liquid in the receiver acts as an insulator from the vapor area of the receiver. This unique design minimizes the contact of the hot gas used to pressurize the receiver through the ORD-4 valve. This allows bypass vapor to pressurize the receiver while reheat of the subcooled liquid is minimized.

Subcooled liquid is further enhanced by the routing of liquid from the receiver liquid line outlet to the condenser before leaving the condensing unit.

Resource II Piping Schematic



MODELS WITH DUAL COPELAND DISCUS™ COMPRESSORS

A2L PERFORMANCE DATA – R-454A

Medium Temperature - Dual Copeland Discus™ Compressors

Please consult AWEF table on page 32 to confirm DOE compliance per model

R-454A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	403,080	367,880	334,040	302,800	273,260	245,800	220,120	174,060	133,460
BCD0400M^ACE	4YBNR19ME	478,640	439,140	400,980	364,580	330,160	297,820	267,400	212,260	163,740
BCD0500M^ACE	4YHNR22ME	527,680	486,620	446,480	407,120	370,760	336,140	303,100	242,360	187,980
BCD0520M^ACE	4YHNR22ME	543,020	498,360	456,420	416,100	377,700	341,400	307,020	244,440	189,080
BCD0600M^ACE	4YJNR27ME	636,180	587,520	538,900	494,120	450,940	409,540	369,620	296,760	230,260
BCD0700M^ACE	6YHNR32ME	797,080	732,640	669,660	609,560	552,880	499,520	449,240	357,580	275,960
BCD0800M*ACE	6YJNR39ME	946,580	871,820	801,740	732,140	666,700	604,580	545,600	436,880	337,900

R-454A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	**3YS3R16ME**	**387,080**	**353,020**	**321,340**	**291,160**	**262,820**	**236,480**	**211,860**	**167,660**	**128,720**
BCD0400M^ACE	**4YBNR19ME**	**458,540**	**421,040**	**384,260**	**350,040**	**317,100**	**286,180**	**257,080**	**204,280**	**157,800**
BCD0500M^ACE	**4YHNR22ME**	**505,080**	**465,740**	**427,340**	**390,840**	**355,480**	**322,560**	**291,120**	**233,200**	**181,260**
BCD0520M^ACE	**4YHNR22ME**	**519,740**	**478,000**	**437,320**	**398,980**	**362,380**	**327,800**	**295,020**	**235,240**	**182,360**
BCD0600M^ACE	**4YJNR27ME**	**607,000**	**561,640**	**516,440**	**473,040**	**432,040**	**392,840**	**355,260**	**285,520**	***222,040***
BCD0700M^ACE	**6YHNR32ME**	**763,240**	**702,160**	**641,560**	**584,220**	**530,540**	**479,760**	**432,080**	**344,220**	**266,280**
BCD0800M*ACE	**6YJNR39ME**	**904,340**	**833,880**	**767,680**	**701,900**	**639,760**	**580,560**	**524,500**	**420,840**	***326,120***

R-454A		Capacity BTUH @ 100°F Ambient by SST								
New Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	370,820	338,720	308,100	279,240	252,160	226,960	203,400	161,180	123,940
BCD0400M^ACE	4YBNR19ME	438,220	402,700	368,200	335,160	303,820	274,360	246,600	196,300	151,880
BCD0500M^ACE	4YHNR22ME	---	444,560	408,420	373,740	340,180	308,960	279,100	223,980	*174,560*
BCD0520M^ACE	4YHNR22ME	496,200	455,860	418,240	381,900	347,100	314,200	283,040	226,060	*175,660*
BCD0600M^ACE	4YJNR27ME	---	---	492,880	451,760	413,100	376,020	340,500	274,320	*213,960*
BCD0700M^ACE	6YHNR32ME	727,880	670,600	614,340	559,200	508,020	459,700	414,420	330,840	*256,740*
BCD0800M*ACE	6YJNR39ME	---	794,740	732,780	672,040	612,460	556,540	503,260	404,760	*314,780*

R-454A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	337,660	308,720	281,040	254,880	230,340	207,660	186,340	148,000	*114,400*
BCD0400M^ACE	4YBNR19ME	---	---	334,720	305,120	276,920	250,360	225,400	180,060	*140,000*
BCD0500M^ACE	4YHNR22ME	---	---	---	---	---	281,060	254,460	205,400	*161,260*
BCD0520M^ACE	4YHNR22ME	---	---	---	346,940	315,860	286,400	258,460	207,420	*162,280*
BCD0600M^ACE	4YJNR27ME	---	---	---	---	---	341,980	309,960	*251,640*	*197,960*
BCD0700M^ACE	6YHNR32ME	---	---	---	508,820	462,300	419,060	378,660	*304,160*	*237,960*
BCD0800M*ACE	6YJNR39ME	---	---	---	---	---	507,660	460,200	*372,700*	*292,440*

Notes:

LOW SUCTION TEMPERATURE APPLICATIONS IN THESE RANGES REQUIRE THE ADDITION OF A HEAD FAN

^ C = 208-230/3/60, D = 460/3/60

* K = 230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A2L PERFORMANCE DATA – R-454C

Medium Temperature - Dual Copeland Discus™ Compressors

Please consult AWEF table on page 32 to confirm DOE compliance per model

R-454C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	343,080	312,400	283,260	256,040	230,520	207,040	184,960	145,680	111,720
BCD0400M^ACE	4YBNR19ME	411,420	375,740	342,020	310,040	280,060	252,120	225,800	178,660	137,280
BCD0500M^ACE	4YHNR22ME	458,120	420,560	384,300	349,740	317,400	286,520	257,540	204,800	158,320
BCD0520M^ACE	4YHNR22ME	468,760	429,020	391,460	355,300	321,380	289,620	259,880	206,240	159,020
BCD0600M^ACE	4YJNR27ME	555,180	510,500	467,480	426,920	387,560	350,480	315,640	251,860	195,040
BCD0700M^ACE	6YHNR32ME	691,240	631,640	574,580	520,600	470,280	423,200	378,900	300,060	231,760
BCD0800M*ACE	6YJNR39ME	825,380	758,860	693,060	631,240	572,940	518,100	466,160	371,580	286,720

R-454C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	**3YS3R16ME**	**329,760**	**300,280**	**272,300**	**246,140**	**221,740**	**199,000**	**177,860**	**140,200**	**107,700**
BCD0400M^ACE	**4YBNR19ME**	**395,020**	**360,820**	**328,460**	**297,800**	**269,040**	**242,240**	**217,100**	**171,840**	**132,240**
BCD0500M^ACE	**4YHNR22ME**	**439,280**	**403,360**	**368,680**	**335,660**	**304,520**	**275,180**	**247,420**	**197,000**	**152,560**
BCD0520M^ACE	**4YHNR22ME**	**449,660**	**411,700**	**375,720**	**341,200**	**308,680**	**278,240**	**249,780**	**198,460**	**153,200**
BCD0600M^ACE	**4YJNR27ME**	**531,220**	**488,820**	**447,880**	**408,300**	**371,700**	**336,360**	**303,040**	**242,180**	**187,940**
BCD0700M^ACE	**6YHNR32ME**	**662,720**	**605,520**	**551,100**	**499,320**	**451,160**	**405,940**	**363,780**	**288,700**	**223,620**
BCD0800M*ACE	**6YJNR39ME**	**789,940**	**726,540**	**664,640**	**605,600**	**549,640**	**497,380**	**447,940**	**357,540**	**276,400**

R-454C		Capacity BTUH @ 100°F Ambient by SST								
New Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	316,180	287,900	261,100	235,920	212,620	190,900	170,660	134,680	103,680
BCD0400M^ACE	4YBNR19ME	378,360	345,640	314,660	285,400	257,900	232,100	208,220	164,980	127,180
BCD0500M^ACE	4YHNR22ME	420,100	385,900	352,900	321,820	291,680	263,680	237,180	189,180	146,800
BCD0520M^ACE	4YHNR22ME	430,040	393,960	359,320	326,820	295,800	266,740	239,400	190,460	147,420
BCD0600M^ACE	4YJNR27ME	507,060	466,880	427,680	390,520	355,020	322,000	290,300	232,260	180,800
BCD0700M^ACE	6YHNR32ME	633,640	579,200	527,180	477,900	431,860	388,800	348,520	277,040	215,640
BCD0800M*ACE	6YJNR39ME	754,800	694,780	635,660	579,460	526,280	476,180	429,360	343,420	266,120

R-454C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	288,520	262,640	238,160	215,460	194,220	174,360	156,000	123,460	95,680
BCD0400M^ACE	4YBNR19ME	---	315,000	286,700	260,240	235,040	211,960	190,340	151,120	117,000
BCD0500M^ACE	4YHNR22ME	---	---	---	292,320	265,740	240,380	216,480	173,320	135,220
BCD0520M^ACE	4YHNR22ME	---	---	327,720	297,860	269,600	243,480	218,800	174,480	135,840
BCD0600M^ACE	4YJNR27ME	---	---	---	---	323,020	292,840	264,400	212,620	166,400
BCD0700M^ACE	6YHNR32ME	---	---	478,700	434,340	392,200	353,880	317,820	254,120	200,000
BCD0800M*ACE	6YJNR39ME	---	---	---	---	478,580	433,880	391,640	314,580	245,480

Notes:

LOW SUCTION TEMPERATURE APPLICATIONS IN THESE RANGES REQUIRE THE ADDITION OF A HEAD FAN

^ C = 208-230/3/60, D = 460/3/60

* K = 230/3/60, D = 460/3/600

A2L PERFORMANCE DATA – R-455A

Medium Temperature - Dual Copeland Discus™ Compressors

Please consult AWEF table on page 32 to confirm DOE compliance per model

R-455A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	356,700	324,520	294,040	265,640	238,920	214,340	191,420	150,360	114,700
BCD0400M^ACE	4YBNR19ME	428,200	390,960	355,320	321,680	290,340	261,080	233,660	184,400	141,120
BCD0500M^ACE	4YHNR22ME	475,920	436,300	398,680	362,580	328,480	296,420	266,200	211,420	162,780
BCD0520M^ACE	4YHNR22ME	488,040	446,380	406,500	368,740	333,240	300,040	269,140	212,820	163,520
BCD0600M^ACE	4YJNR27ME	577,720	530,980	485,800	442,580	401,580	363,020	326,480	259,880	200,500
BCD0700M^ACE	6YHNR32ME	716,780	655,120	596,060	540,060	487,520	438,460	392,660	310,000	238,160
BCD0800M*ACE	6YJNR39ME	858,860	786,480	719,140	653,920	592,260	534,180	479,920	381,120	293,840

R-455A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	**3YS3R16ME**	**342,720**	**311,800**	**282,540**	**255,220**	**229,660**	**206,020**	**184,000**	**144,620**	**110,460**
BCD0400M^ACE	**4YBNR19ME**	**410,960**	**375,180**	**341,000**	**308,920**	**278,760**	**250,800**	**224,400**	**177,240**	**135,840**
BCD0500M^ACE	**4YHNR22ME**	**455,820**	**418,180**	**382,140**	**347,540**	**315,000**	**284,380**	**255,620**	**203,140**	**156,800**
BCD0520M^ACE	**4YHNR22ME**	**467,680**	**428,080**	**389,880**	**353,880**	**319,900**	**288,160**	**258,500**	**204,680**	**157,520**
BCD0600M^ACE	**4YJNR27ME**	**552,540**	**508,200**	**465,180**	**423,980**	**385,020**	**348,220**	**313,420**	**249,800**	**193,240**
BCD0700M^ACE	**6YHNR32ME**	**686,820**	**627,580**	**571,240**	**517,740**	**467,520**	**420,680**	**376,860**	**298,160**	**229,760**
BCD0800M*ACE	**6YJNR39ME**	**822,200**	**754,360**	**688,820**	**626,980**	**568,000**	**512,900**	**460,920**	**366,500**	**283,340**

R-455A		Capacity BTUH @ 100°F Ambient by SST								
New Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	328,480	298,800	270,800	244,580	220,160	197,540	176,460	138,840	106,260
BCD0400M^ACE	4YBNR19ME	393,420	359,140	326,640	295,880	267,080	240,320	215,160	170,040	130,600
BCD0500M^ACE	4YHNR22ME	---	399,860	365,260	332,620	301,580	272,380	244,820	194,940	150,840
BCD0520M^ACE	4YHNR22ME	447,400	409,300	373,180	338,780	306,360	276,060	247,760	196,440	151,540
BCD0600M^ACE	4YJNR27ME	---	485,320	444,460	405,480	368,260	333,140	300,100	239,620	185,980
BCD0700M^ACE	6YHNR32ME	656,380	600,100	545,980	495,280	447,420	402,780	360,880	286,260	221,480
BCD0800M*ACE	6YJNR39ME	---	721,260	659,200	599,640	543,960	491,380	441,840	352,100	273,040

R-455A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACE	3YS3R16ME	299,620	272,480	246,920	223,100	200,860	180,400	161,280	127,180	97,820
BCD0400M^ACE	4YBNR19ME	---	---	297,400	269,500	243,420	219,000	196,280	155,600	120,060
BCD0500M^ACE	4YHNR22ME	---	---	---	---	---	247,940	223,140	178,340	*138,940*
BCD0520M^ACE	4YHNR22ME	---	---	---	308,240	278,940	251,620	225,940	179,880	139,620
BCD0600M^ACE	4YJNR27ME	---	---	---	---	---	303,120	273,340	219,400	*171,580*
BCD0700M^ACE	6YHNR32ME	---	---	---	449,920	406,820	366,520	329,260	262,640	*205,380*
BCD0800M*ACE	6YJNR39ME	---	---	---	---	---	447,900	403,400	323,240	*252,760*

Notes:

LOW SUCTION TEMPERATURE APPLICATIONS IN THESE RANGES REQUIRE THE ADDITION OF A HEAD FAN

^ C = 208-230/3/60, D = 460/3/60

* K = 230/3/60, D = 460/3/600

A2L PERFORMANCE DATA – R-454A

Low Temperature Models - Dual Copeland Discus™ Compressors

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-454A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	210,960	186,420	163,600	142,440	122,940	105,220	89,320	75,100	62,640
BCD0300L^ACE	4YHNF46KE	242,240	214,300	188,400	164,180	141,880	121,560	103,280	86,940	72,580
BCD0440L^ACE	4YJNF59KE	295,800	262,380	230,960	201,640	174,780	150,220	128,160	108,420	91,100
BCD0540L^ACE	6YHNF68KE	345,500	307,260	270,820	236,960	205,600	176,980	151,020	127,760	107,180
BCD0600L^ACE	6YJNF84KE	410,960	366,500	324,960	285,640	248,640	214,580	183,760	156,200	131,820

R-454A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	**4YBNF40KE**	**203,120**	**179,380**	**157,280**	**136,840**	**117,980**	**100,820**	**85,420**	**71,680**	**59,660**
BCD0300L^ACE	**4YHNF46KE**	**233,360**	**206,460**	**181,240**	**157,800**	**136,200**	**116,500**	**98,800**	**82,960**	**69,060**
BCD0440L^ACE	**4YJNF59KE**	**285,080**	**252,540**	**222,120**	**193,880**	**167,820**	**144,040**	**122,720**	**103,660**	**86,940**
BCD0540L^ACE	**6YHNF68KE**	**332,780**	**295,560**	**260,540**	**227,720**	**197,460**	**169,720**	**144,620**	**122,040**	**102,100**
BCD0600L^ACE	**6YJNF84KE**	**---**	**352,420**	**312,340**	**274,200**	**238,760**	**205,840**	**176,040**	**149,360**	**125,840**

R-454A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	195,240	172,320	151,060	131,220	113,000	96,420	81,560	68,300	56,680
BCD0300L^ACE	4YHNF46KE	224,520	198,460	174,140	151,420	130,520	111,460	94,320	79,000	65,560
BCD0440L^ACE	4YJNF59KE	274,240	242,780	213,400	186,080	160,900	137,940	117,320	98,940	82,840
BCD0540L^ACE	6YHNF68KE	319,500	284,020	250,260	218,580	189,240	162,480	138,240	116,420	97,100
BCD0600L^ACE	6YJNF84KE	---	---	---	263,260	228,820	197,060	168,440	142,640	119,940

R-454A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	---	158,240	138,440	120,020	103,100	87,700	73,900	61,640	50,900
BCD0300L^ACE	4YHNF46KE	---	182,540	159,840	138,700	119,220	101,480	85,500	71,220	58,680
BCD0440L^ACE	4YJNF59KE	---	---	---	170,580	147,160	125,860	106,720	89,720	74,820
BCD0540L^ACE	6YHNF68KE	---	---	---	---	173,240	148,300	125,680	105,340	87,360
BCD0600L^ACE	6YJNF84KE	---	---	---	---	---	---	153,340	129,460	108,420

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A2L PERFORMANCE DATA – R-454C

Low Temperature Models - Dual Copeland Discus™ Compressors

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-454C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	177,640	156,480	137,020	119,020	102,540	87,680	74,460	---	---
BCD0300L^ACE	4YHNF46KE	206,020	181,780	159,400	138,620	119,560	102,300	86,880	---	---
BCD0440L^ACE	4YJNF59KE	251,100	222,020	195,180	169,980	146,940	126,040	107,300	90,700	76,220
BCD0540L^ACE	6YHNF68KE	293,360	260,060	228,680	199,780	172,940	148,560	126,640	107,100	89,980
BCD0600L^ACE	6YJNF84KE	352,620	313,700	277,040	242,620	210,540	181,600	155,340	131,840	111,300

R-454C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	**4YBNF40KE**	**171,020**	**150,500**	**131,700**	**114,300**	**98,360**	**84,020**	**71,260**	**---**	**---**
BCD0300L^ACE	**4YHNF46KE**	**198,420**	**174,940**	**153,200**	**133,180**	**114,740**	**98,040**	**83,140**	**---**	**---**
BCD0440L^ACE	**4YJNF59KE**	**241,720**	**213,660**	**187,560**	**163,280**	**141,020**	**120,840**	**102,800**	**86,840**	**72,940**
BCD0540L^ACE	**6YHNF68KE**	**282,100**	**249,900**	**219,640**	**191,820**	**165,860**	**142,400**	**121,260**	**102,500**	**86,100**
BCD0600L^ACE	**6YJNF84KE**	**338,800**	**301,300**	**265,960**	**232,800**	**202,020**	**174,140**	**148,820**	**126,280**	**106,640**

R-454C		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	164,360	144,560	126,360	109,520	94,200	80,400	68,140	---	---
BCD0300L^ACE	4YHNF46KE	190,760	168,040	147,060	127,680	109,900	93,860	79,480	---	---
BCD0440L^ACE	4YJNF59KE	232,340	205,260	180,020	156,600	135,180	115,740	98,360	83,000	69,740
BCD0540L^ACE	6YHNF68KE	270,760	239,740	210,700	183,680	158,800	136,240	115,940	97,920	82,280
BCD0600L^ACE	6YJNF84KE	---	288,860	254,900	223,040	193,480	166,680	142,400	120,800	102,060

R-454C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	151,060	132,640	115,740	100,160	85,980	73,260	62,000	---	---
BCD0300L^ACE	4YHNF46KE	175,320	154,300	134,800	116,820	100,380	85,500	72,280	---	---
BCD0440L^ACE	4YJNF59KE	---	---	---	143,260	123,460	105,520	89,520	75,480	63,440
BCD0540L^ACE	6YHNF68KE	---	---	---	---	144,840	124,100	105,540	89,080	74,920
BCD0600L^ACE	6YJNF84KE	---	---	---	---	---	---	129,740	110,100	93,180

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A2L PERFORMANCE DATA – R-455A

Low Temperature Models - Dual Copeland Discus™ Compressors

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-455A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	183,360	161,140	140,620	121,700	104,420	88,820	74,900	---	---
BCD0300L^ACE	4YHNF46KE	212,640	187,240	163,680	141,840	121,840	103,640	---	---	---
BCD0440L^ACE	4YJNF59KE	259,280	228,660	200,420	174,140	150,020	128,140	108,540	91,100	---
BCD0540L^ACE	6YHNF68KE	303,840	268,460	235,460	204,840	176,680	151,020	127,960	107,320	89,120
BCD0600L^ACE	6YJNF84KE	364,580	323,500	284,840	248,560	215,140	184,480	157,040	132,580	111,260

R-455A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	**4YBNF40KE**	**176,380**	**154,860**	**135,000**	**116,700**	**100,020**	**84,940**	**71,520**	**---**	**---**
BCD0300L^ACE	**4YHNF46KE**	**204,680**	**180,080**	**157,260**	**136,120**	**116,760**	**99,140**	**83,400**	**---**	**---**
BCD0440L^ACE	**4YJNF59KE**	**249,360**	**219,840**	**192,500**	**167,100**	**143,800**	**122,660**	**103,760**	**86,960**	**---**
BCD0540L^ACE	**6YHNF68KE**	**292,180**	**257,980**	**226,060**	**196,520**	**169,300**	**144,540**	**122,280**	**102,360**	**84,860**
BCD0600L^ACE	**6YJNF84KE**	**---**	**310,760**	**273,540**	**238,480**	**206,220**	**176,660**	**150,240**	**126,720**	**106,280**

R-455A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	169,360	148,560	129,380	111,720	95,640	81,080	68,160	---	---
BCD0300L^ACE	4YHNF46KE	196,680	172,920	150,860	130,380	111,680	94,660	79,460	---	---
BCD0440L^ACE	4YJNF59KE	239,620	211,120	184,620	160,080	137,580	117,200	99,020	82,860	---
BCD0540L^ACE	6YHNF68KE	280,500	247,560	216,820	188,280	161,980	138,140	116,640	97,500	80,700
BCD0600L^ACE	6YJNF84KE	---	---	262,260	228,560	197,300	168,960	143,520	120,960	101,400

R-455A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACE	4YBNF40KE	---	---	---	101,820	86,920	73,520	61,620	---	---
BCD0300L^ACE	4YHNF46KE	---	---	138,060	119,040	101,620	85,840	71,740	---	---
BCD0440L^ACE	4YJNF59KE	---	---	---	---	125,360	106,480	89,680	74,840	62,100
BCD0540L^ACE	6YHNF68KE	---	---	---	---	---	125,500	105,700	88,040	72,620
BCD0600L^ACE	6YJNF84KE	---	---	---	---	---	---	---	109,840	92,040

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-404A/R-507A

Medium Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-404A/R-507A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	413,580	380,840	349,500	319,220	290,380	263,440	237,980	192,220	152,000
BCD0400M^ACD	4DBNR20ME	486,440	452,560	418,100	383,400	349,780	317,580	286,860	230,900	186,840
BCD0500M^ACD	4DHNR22ME	515,080	480,020	444,460	408,540	373,440	338,760	306,100	247,020	200,320
BCD0520M^ACD	4DHNR22ME	522,300	485,660	448,680	411,220	375,400	340,680	307,800	247,680	200,800
BCD0600M^ACD	4DJNR28ME	647,360	597,500	549,180	501,640	457,100	414,640	374,420	300,300	236,620
BCD0700M^ACD	6DHNR35ME	804,020	743,220	684,080	625,980	571,400	520,040	471,460	381,300	-
BCD0800M*ACD	6DJNR40ME	934,000	866,080	799,340	733,380	671,140	611,520	555,060	450,640	-

R-404A/R-507A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	**3DS3R17ME**	**395,060**	**363,620**	**333,580**	**305,360**	**278,020**	**252,540**	**228,180**	**184,440**	**145,800**
BCD0400M^ACD	**4DBNR20ME**	**463,400**	**431,220**	**398,700**	**366,380**	**333,820**	**303,040**	**273,660**	**220,180**	**178,160**
BCD0500M^ACD	**4DHNR22ME**	**490,420**	**456,120**	**423,340**	**389,600**	**355,300**	**323,160**	**292,360**	**235,920**	**191,060**
BCD0520M^ACD	**4DHNR22ME**	**498,120**	**463,380**	**428,220**	**392,540**	**358,340**	**325,240**	**293,660**	**236,220**	**191,520**
BCD0600M^ACD	**4DJNR28ME**	**615,440**	**568,680**	**522,760**	**477,860**	**435,540**	**395,740**	**356,900**	**286,680**	**226,320**
BCD0700M^ACD	**6DHNR35ME**	**764,560**	**707,460**	**651,520**	**596,200**	**545,180**	**496,300**	**450,000**	**363,680**	**-**
BCD0800M*ACD	**6DJNR40ME**	**889,300**	**825,360**	**762,360**	**699,880**	**640,900**	**584,320**	**530,420**	**430,560**	**-**

R-404A/R-507A		Capacity BTUH @ 100°F Ambient by SST								
New Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	375,040	346,760	318,080	291,440	265,480	241,300	218,380	176,700	139,660
BCD0400M^ACD	4DBNR20ME	440,200	410,060	379,380	347,860	317,900	289,020	260,580	209,560	169,520
BCD0500M^ACD	4DHNR22ME	464,360	434,400	402,580	370,740	338,220	307,640	278,320	224,340	182,000
BCD0520M^ACD	4DHNR22ME	473,920	441,140	407,840	373,980	341,460	309,860	279,680	224,880	182,360
BCD0600M^ACD	4DJNR28ME	583,620	539,440	496,400	453,900	414,080	376,320	339,900	273,440	216,180
BCD0700M^ACD	6DHNR35ME	724,760	670,960	618,620	566,640	518,400	472,960	428,240	346,060	-
BCD0800M*ACD	6DJNR40ME	844,100	784,060	724,840	665,900	610,180	557,400	505,480	410,540	-

R-404A/R-507A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	337,140	311,160	287,240	263,420	240,960	219,200	198,740	161,320	127,520
BCD0400M^ACD	4DBNR20ME	-	-	-	312,960	286,200	260,260	234,620	188,580	152,380
BCD0500M^ACD	4DHNR22ME	-	-	-	332,540	304,100	276,820	250,420	201,800	163,700
BCD0520M^ACD	4DHNR22ME	-	-	367,120	336,960	307,820	279,720	252,240	202,800	164,140
BCD0600M^ACD	4DJNR28ME	-	480,960	442,120	405,980	371,440	337,660	304,880	246,740	196,340
BCD0700M^ACD	6DHNR35ME	-	-	549,640	506,200	463,780	423,560	384,020	310,920	-
BCD0800M*ACD	6DJNR40ME	-	-	647,520	595,800	546,980	500,320	454,500	370,160	-

Notes:
^ C = 208-230/3/60, D = 460/3/60
* K = 230/3/60, D = 460/3/60
For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-448A/R-449A

Medium Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-448A/R-449A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	409,060	373,960	340,120	307,360	276,120	246,920	219,360	170,040	128,360
BCD0400M^ACD	4DBNR20ME	502,280	458,420	416,420	376,660	339,580	304,660	272,060	213,740	163,540
BCD0500M^ACD	4DHNR22ME	541,360	495,320	450,960	408,720	368,840	331,820	296,680	233,500	178,760
BCD0520M^ACD	4DHNR22ME	545,120	497,900	452,700	409,880	369,600	332,340	297,060	233,860	179,160
BCD0600M^ACD	4DJNR28ME	649,460	596,640	544,840	494,840	447,120	400,980	356,740	275,160	202,280
BCD0700M^ACD	6DHNR35ME	795,820	734,100	672,360	611,420	552,500	495,660	441,540	344,280	265,220
BCD0800M*ACD	6DJNR40ME	947,980	873,820	799,840	727,060	656,500	588,500	523,940	408,540	315,880

R-448A/R-449A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	**3DS3R17ME**	**394,440**	**360,880**	**328,460**	**296,980**	**266,880**	**238,580**	**211,740**	**163,500**	**122,140**
BCD0400M^ACD	**4DBNR20ME**	**483,640**	**441,560**	**401,220**	**362,960**	**327,260**	**293,540**	**261,880**	**205,700**	**157,080**
BCD0500M^ACD	**4DHNR22ME**	**521,800**	**476,660**	**434,140**	**393,580**	**355,180**	**319,580**	**285,680**	**224,780**	**171,700**
BCD0520M^ACD	**4DHNR22ME**	**525,020**	**479,680**	**436,200**	**394,960**	**356,180**	**320,200**	**286,120**	**224,980**	**172,060**
BCD0600M^ACD	**4DJNR28ME**	**624,640**	**573,860**	**524,220**	**476,100**	**430,220**	**385,700**	**342,980**	**264,340**	**193,740**
BCD0700M^ACD	**6DHNR35ME**	**770,240**	**711,120**	**651,700**	**593,520**	**536,140**	**480,960**	**428,100**	**333,140**	**255,120**
BCD0800M*ACD	**6DJNR40ME**	**917,160**	**846,320**	**775,300**	**705,100**	**636,940**	**571,060**	**508,080**	**395,620**	**304,420**

R-448A/R-449A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	379,840	348,220	316,820	286,580	257,520	230,120	204,100	156,820	115,800
BCD0400M^ACD	4DBNR20ME	464,840	424,600	385,880	349,160	314,520	282,020	251,680	197,460	150,420
BCD0500M^ACD	4DHNR22ME	501,060	457,920	417,200	378,320	341,380	306,800	274,300	215,480	164,320
BCD0520M^ACD	4DHNR22ME	505,700	461,280	419,520	379,920	342,560	307,920	275,020	215,940	164,720
BCD0600M^ACD	4DJNR28ME	599,200	550,480	502,900	456,780	412,720	369,820	328,940	253,000	184,880
BCD0700M^ACD	6DHNR35ME	744,140	687,700	630,920	574,940	519,500	466,000	414,600	321,660	244,720
BCD0800M*ACD	6DJNR40ME	886,160	818,380	750,320	682,820	617,140	553,360	492,240	382,420	292,640

R-448A/R-449A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	-	322,260	293,520	265,760	238,960	213,280	188,700	143,300	102,860
BCD0400M^ACD	4DBNR20ME	-	-	-	320,860	289,320	259,340	231,240	180,520	136,600
BCD0500M^ACD	4DHNR22ME	-	-	-	-	313,180	281,660	251,460	196,780	149,040
BCD0520M^ACD	4DHNR22ME	-	-	-	349,420	314,960	282,900	252,260	197,540	149,560
BCD0600M^ACD	4DJNR28ME	-	-	458,820	416,640	376,220	336,440	298,980	229,300	166,520
BCD0700M^ACD	6DHNR35ME	-	-	-	536,220	485,120	435,020	386,560	297,720	222,860
BCD0800M*ACD	6DJNR40ME	-	-	-	-	576,460	516,900	459,480	354,960	268,000

Notes:

LOW SUCTION TEMPERATURE APPLICATIONS IN THESE RANGES REQUIRE THE ADDITION OF A HEAD FAN

^ C = 208-230/3/60, D = 460/3/60

* K = 230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-407A/R-407F

Medium Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 32 to confirm DOE compliance per model

R-407A/R-407F		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	417,300	381,500	346,800	312,960	280,800	250,660	222,200	172,240	131,720
BCD0400M^ACD	4DBNR20ME	506,500	462,660	420,760	381,120	343,820	309,440	276,980	218,840	168,260
BCD0500M^ACD	4DHNR22ME	545,160	497,860	453,880	412,020	372,440	335,580	301,240	238,660	183,780
BCD0520M^ACD	4DHNR22ME	551,820	503,480	457,260	414,360	374,220	337,200	302,040	239,020	184,100
BCD0600M^ACD	4DJNR28ME	658,620	603,400	550,940	500,540	452,320	406,820	362,800	282,740	211,800
BCD0700M^ACD	6DHNR35ME	806,020	743,360	681,000	619,820	560,320	503,880	449,860	352,700	273,020
BCD0800M*ACD	6DJNR40ME	959,800	884,000	809,500	736,340	665,920	597,940	533,440	418,180	324,920

R-407A/R-407F		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	**3DS3R17ME**	**401,000**	**366,700**	**333,700**	**301,260**	**270,160**	**241,180**	**213,740**	**165,160**	**125,260**
BCD0400M^ACD	**4DBNR20ME**	**486,300**	**444,380**	**404,200**	**366,040**	**330,320**	**297,240**	**265,940**	**209,980**	**161,220**
BCD0500M^ACD	**4DHNR22ME**	**523,160**	**477,820**	**435,720**	**395,600**	**357,580**	**322,160**	**289,160**	**228,960**	**175,840**
BCD0520M^ACD	**4DHNR22ME**	**530,160**	**483,740**	**439,320**	**398,140**	**359,540**	**323,920**	**290,060**	**229,320**	**176,360**
BCD0600M^ACD	**4DJNR28ME**	**631,300**	**578,340**	**528,340**	**480,120**	**434,560**	**390,460**	**348,440**	**271,880**	**204,380**
BCD0700M^ACD	**6DHNR35ME**	**777,640**	**717,760**	**657,960**	**599,040**	**542,340**	**487,420**	**435,020**	**340,240**	**261,920**
BCD0800M*ACD	**6DJNR40ME**	**926,840**	**853,160**	**781,860**	**711,700**	**643,960**	**578,380**	**515,940**	**403,760**	**312,200**

R-407A/R-407F		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	384,780	352,180	320,660	289,640	259,800	231,840	205,320	158,060	118,780
BCD0400M^ACD	4DBNR20ME	467,080	426,020	387,560	350,980	316,700	284,960	254,580	200,940	153,980
BCD0500M^ACD	4DHNR22ME	-	458,680	417,440	379,060	342,660	308,660	276,940	218,860	168,000
BCD0520M^ACD	4DHNR22ME	507,980	463,020	421,360	381,860	344,760	310,520	277,940	219,440	168,460
BCD0600M^ACD	4DJNR28ME	603,500	552,960	505,320	459,360	415,920	373,820	333,700	261,040	197,140
BCD0700M^ACD	6DHNR35ME	748,940	691,840	634,480	578,320	523,780	470,740	419,720	327,600	250,520
BCD0800M*ACD	6DJNR40ME	890,160	822,320	754,100	686,920	621,840	558,600	497,840	389,100	299,220

R-407A/R-407F		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	-	323,440	294,840	266,600	239,340	213,340	188,620	143,920	105,880
BCD0400M^ACD	4DBNR20ME	-	-	-	320,700	289,740	260,140	232,540	182,560	139,100
BCD0500M^ACD	4DHNR22ME	-	-	-	-	312,540	281,380	252,220	198,620	151,580
BCD0520M^ACD	4DHNR22ME	-	-	-	349,000	314,960	283,460	253,240	199,560	152,140
BCD0600M^ACD	4DJNR28ME	-	-	-	417,160	378,060	340,100	304,280	239,520	183,080
BCD0700M^ACD	6DHNR35ME	-	-	-	536,080	485,880	436,540	388,860	301,480	226,820
BCD0800M*ACD	6DJNR40ME	-	-	-	636,620	576,880	518,320	461,840	358,940	272,460

Notes:

LOW SUCTION TEMPERATURE APPLICATIONS IN THESE RANGES REQUIRE THE ADDITION OF A HEAD FAN

^ C = 208-230/3/60, D = 460/3/60

* K = 230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-407C

Medium Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 32 to confirm DOE compliance per model

R-407C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	370,260	337,500	306,080	275,980	247,660	221,120	196,540	152,460	115,320
BCD0400M^ACD	4DBNR20ME	451,140	409,780	370,020	333,060	298,020	264,620	231,900	167,740	101,900
BCD0500M^ACD	4DHNR22ME	-	-	408,660	369,040	331,860	296,780	263,980	205,140	156,880
BCD0520M^ACD	4DHNR22ME	-	-	412,080	371,840	333,300	297,680	264,400	205,520	157,320
BCD0600M^ACD	4DJNR28ME	-	-	490,320	442,720	398,120	356,660	317,680	247,680	184,740
BCD0700M^ACD	6DHNR35ME	727,040	656,600	592,320	533,740	480,380	431,000	385,280	299,600	213,380
BCD0800M*ACD	6DJNR40ME	902,180	800,820	715,060	636,340	570,620	513,840	462,800	368,060	260,460

R-407C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	**3DS3R17ME**	**358,280**	**326,740**	**296,520**	**267,420**	**240,080**	**214,140**	**190,040**	**146,480**	**109,060**
BCD0400M^ACD	**4DBNR20ME**	**433,500**	**393,560**	**355,420**	**319,820**	**286,040**	**253,960**	**222,440**	**161,400**	**98,700**
BCD0500M^ACD	**4DHNR22ME**	**-**	**-**	**391,540**	**354,160**	**319,040**	**285,660**	**254,200**	**197,280**	**149,360**
BCD0520M^ACD	**4DHNR22ME**	**-**	**-**	**394,760**	**356,260**	**320,360**	**286,480**	**254,540**	**197,680**	**149,840**
BCD0600M^ACD	**4DJNR28ME**	**-**	**-**	**470,580**	**425,940**	**383,820**	**344,600**	**307,440**	**239,680**	**177,040**
BCD0700M^ACD	**6DHNR35ME**	**698,860**	**631,620**	**570,720**	**514,800**	**463,720**	**415,900**	**371,640**	**287,960**	**201,860**
BCD0800M*ACD	**6DJNR40ME**	**849,280**	**753,500**	**673,360**	**599,920**	**539,360**	**486,620**	**440,680**	**356,140**	**257,680**

R-407C		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	346,420	316,120	286,980	258,660	232,020	206,980	183,260	139,980	102,260
BCD0400M^ACD	4DBNR20ME	416,140	377,720	341,040	306,880	274,500	243,680	213,680	155,520	96,040
BCD0500M^ACD	4DHNR22ME	-	-	375,080	339,940	306,700	275,100	244,760	189,640	141,940
BCD0520M^ACD	4DHNR22ME	-	-	378,060	341,880	307,920	275,920	245,260	190,000	142,420
BCD0600M^ACD	4DJNR28ME	-	-	451,700	409,780	370,500	332,960	297,660	232,000	169,580
BCD0700M^ACD	6DHNR35ME	670,280	606,560	548,680	495,360	446,480	400,580	357,580	275,600	189,760
BCD0800M*ACD	6DJNR40ME	795,280	704,920	630,760	562,900	508,660	460,220	419,500	346,100	258,860

R-407C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ACD	3DS3R17ME	322,980	294,680	267,500	241,160	215,620	191,620	168,580	-	87,020
BCD0400M^ACD	4DBNR20ME	-	-	313,180	282,020	252,760	224,720	197,500	145,300	92,440
BCD0500M^ACD	4DHNR22ME	-	-	-	313,480	283,860	255,380	227,400	175,440	-
BCD0520M^ACD	4DHNR22ME	-	-	347,040	315,180	284,840	255,840	227,680	175,520	128,320
BCD0600M^ACD	4DJNR28ME	-	-	416,240	379,660	344,980	311,700	279,500	217,660	155,680
BCD0700M^ACD	6DHNR35ME	-	-	503,400	455,680	410,380	368,320	327,860	248,840	164,180
BCD0800M*ACD	6DJNR40ME	-	606,780	543,740	488,040	443,860	408,360	379,740	332,840	273,880

Notes:

LOW SUCTION TEMPERATURE APPLICATIONS IN THESE RANGES REQUIRE THE ADDITION OF A HEAD FAN

^ C = 208-230/3/60, D = 460/3/60

* K = 230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-404A/R-507A

Low Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-404A/R-507A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	212,600	190,200	169,720	150,900	133,440	117,160	101,820	86,960	72,360
BCD0300L^ACD	4DHNF63KE	248,540	223,360	200,180	178,540	158,540	139,660	121,860	104,720	87,980
BCD0440L^ACD	4DJNF76KE	289,560	262,980	237,320	212,740	189,180	166,840	145,440	124,760	104,840
BCD0540L^ACD	6DHNF93KE	355,820	323,420	291,300	260,020	229,340	200,340	173,360	148,180	125,480
BCD0600L^ACD	6DJNF11ME	387,340	352,120	318,620	285,640	254,140	223,520	194,900	168,020	142,920

R-404A/R-507A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	**4DBNF54KE**	**203,840**	**182,440**	**162,880**	**144,660**	**127,740**	**111,840**	**96,760**	**81,980**	**67,400**
BCD0300L^ACD	**4DHNF63KE**	**237,860**	**213,680**	**191,300**	**170,520**	**151,020**	**132,700**	**115,420**	**98,740**	**82,360**
BCD0440L^ACD	**4DJNF76KE**	**277,260**	**251,520**	**226,960**	**203,100**	**180,320**	**158,680**	**137,840**	**117,680**	**98,020**
BCD0540L^ACD	**6DHNF93KE**	**339,720**	**308,800**	**278,180**	**248,160**	**218,420**	**190,400**	**164,200**	**139,620**	**117,220**
BCD0600L^ACD	**6DJNF11ME**	**-**	**335,360**	**303,500**	**272,160**	**242,020**	**212,440**	**184,840**	**158,820**	**134,240**

R-404A/R-507A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	194,980	174,560	155,840	138,300	121,880	106,360	91,440	76,820	62,240
BCD0300L^ACD	4DHNF63KE	227,620	204,300	182,780	162,700	143,860	126,100	109,300	93,080	77,160
BCD0440L^ACD	4DJNF76KE	264,800	240,220	216,700	193,560	171,680	150,500	130,180	110,460	91,120
BCD0540L^ACD	6DHNF93KE	323,260	294,080	264,860	236,080	207,920	180,360	154,920	131,040	109,020
BCD0600L^ACD	6DJNF11ME	-	-	288,240	259,080	229,800	201,820	174,980	149,500	125,500

R-404A/R-507A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	176,660	158,380	141,200	124,940	109,500	94,600	80,140	65,760	51,380
BCD0300L^ACD	4DHNF63KE	207,400	186,280	166,660	148,040	130,520	113,960	98,180	82,860	67,820
BCD0440L^ACD	4DJNF76KE	-	-	-	174,820	154,200	134,160	114,600	95,560	76,840
BCD0540L^ACD	6DHNF93KE	-	-	-	-	-	160,360	136,400	113,520	92,520
BCD0600L^ACD	6DJNF11ME	-	-	-	-	-	-	155,000	131,060	107,960

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-448A/R-449A

Low Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-448A/R-449A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	198,420	175,140	153,380	132,900	114,000	96,740	81,200	67,460	55,540
BCD0300L^ACD	4DHNF63KE	225,580	200,640	177,160	155,100	134,800	116,180	99,580	84,980	72,500
BCD0440L^ACD	4DJNF76KE	280,120	246,060	215,860	188,340	163,760	141,040	119,780	99,000	78,320
BCD0540L^ACD	6DHNF93KE	325,040	287,020	251,440	218,600	188,600	161,140	136,380	113,300	91,920
BCD0600L^ACD	6DJNF11ME	387,640	343,000	301,460	263,140	226,840	194,040	163,820	135,340	108,440

R-448A/R-449A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	**4DBNF54KE**	**190,440**	**167,880**	**146,800**	**126,900**	**108,460**	**91,620**	**76,380**	**62,860**	**51,180**
BCD0300L^ACD	**4DHNF63KE**	**216,580**	**192,600**	**169,900**	**148,600**	**128,820**	**110,740**	**94,600**	**80,300**	**68,160**
BCD0440L^ACD	**4DJNF76KE**	**269,220**	**235,840**	**206,400**	**179,640**	**155,600**	**133,320**	**112,420**	**91,920**	**71,520**
BCD0540L^ACD	**6DHNF93KE**	**311,480**	**274,680**	**240,060**	**207,920**	**178,760**	**152,140**	**127,660**	**104,960**	**83,720**
BCD0600L^ACD	**6DJNF11ME**	**370,640**	**327,440**	**287,080**	**249,440**	**214,560**	**182,320**	**152,760**	**124,720**	**98,160**

R-448A/R-449A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	182,200	160,500	139,920	120,580	102,640	86,120	71,280	58,000	46,500
BCD0300L^ACD	4DHNF63KE	207,580	184,400	162,580	141,880	122,700	105,140	89,460	75,540	63,660
BCD0440L^ACD	4DJNF76KE	258,240	225,760	197,000	170,820	147,320	125,460	104,920	84,740	64,580
BCD0540L^ACD	6DHNF93KE	297,320	261,360	228,200	197,280	168,400	142,440	118,400	95,960	74,840
BCD0600L^ACD	6DJNF11ME	352,900	311,040	272,120	235,520	201,620	170,320	141,060	113,520	86,900

R-448A/R-449A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	165,180	144,760	125,460	107,240	90,160	74,520	60,340	47,660	36,360
BCD0300L^ACD	4DHNF63KE	189,340	167,780	147,460	128,140	110,140	93,660	78,780	65,640	54,420
BCD0440L^ACD	4DJNF76KE	235,960	205,260	177,980	153,240	130,540	109,520	89,500	70,000	50,600
BCD0540L^ACD	6DHNF93KE	267,680	234,060	202,840	173,300	146,460	121,460	98,200	76,200	-
BCD0600L^ACD	6DJNF11ME	-	-	240,520	206,460	173,760	144,020	115,980	88,840	-

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-407A/R-407F

Low Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-407A/R-407F		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	203,480	180,160	157,940	136,980	117,320	99,120	82,460	67,180	53,540
BCD0300L^ACD	4DHNF63KE	230,800	205,760	182,080	159,540	138,540	118,840	100,760	84,160	69,200
BCD0440L^ACD	4DJNF76KE	288,200	253,780	222,060	192,680	166,200	143,040	122,860	105,840	92,160
BCD0540L^ACD	6DHNF93KE	328,240	291,160	256,060	223,140	192,780	164,260	137,680	112,040	87,180
BCD0600L^ACD	6DJNF11ME	389,620	346,300	305,760	267,800	231,500	197,380	165,320	134,540	104,560

R-407A/R-407F		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	**4DBNF54KE**	**194,840**	**172,020**	**150,740**	**130,420**	**111,360**	**93,680**	**77,380**	**62,540**	**49,200**
BCD0300L^ACD	**4DHNF63KE**	**221,060**	**196,920**	**174,060**	**152,380**	**132,080**	**113,060**	**95,480**	**79,360**	**64,740**
BCD0440L^ACD	**4DJNF76KE**	**275,800**	**242,400**	**211,500**	**183,180**	**158,040**	**135,740**	**116,620**	**100,680**	**88,160**
BCD0540L^ACD	**6DHNF93KE**	**313,640**	**277,420**	**243,880**	**212,280**	**182,340**	**154,760**	**128,620**	**103,520**	**78,980**
BCD0600L^ACD	**6DJNF11ME**	**371,300**	**329,540**	**290,420**	**253,700**	**218,040**	**185,000**	**154,000**	**123,860**	**94,520**

R-407A/R-407F		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	185,640	163,840	143,300	123,640	105,160	87,980	72,100	57,620	44,640
BCD0300L^ACD	4DHNF63KE	211,040	187,900	166,000	145,240	125,520	107,060	90,060	74,420	60,160
BCD0440L^ACD	4DJNF76KE	263,160	230,780	200,780	173,640	149,540	128,240	110,180	95,340	83,920
BCD0540L^ACD	6DHNF93KE	298,600	263,640	231,220	200,400	171,320	144,540	119,040	94,460	70,320
BCD0600L^ACD	6DJNF11ME	353,520	312,480	274,500	238,980	204,300	172,180	141,980	112,560	83,500

R-407A/R-407F		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	167,000	146,980	127,700	109,340	92,020	75,740	60,820	47,160	34,760
BCD0300L^ACD	4DHNF63KE	191,120	169,940	149,820	130,400	112,060	94,840	78,880	64,080	50,660
BCD0440L^ACD	4DJNF76KE	237,260	207,000	179,160	154,260	131,980	112,720	96,740	84,000	74,660
BCD0540L^ACD	6DHNF93KE	267,280	234,800	204,360	175,180	148,320	122,680	98,060	74,460	51,360
BCD0600L^ACD	6DJNF11ME	-	-	241,060	207,680	175,400	145,260	116,340	87,820	60,080

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A1 PERFORMANCE DATA – R-407C

Low Temperature - Dual Copeland Compressor Models

Please consult AWEF table on page 33 to confirm DOE compliance per model

R-407C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	175,920	153,240	132,560	113,600	96,480	81,120	67,220	54,780	43,560
BCD0300L^ACD	4DHNF63KE	200,200	175,600	153,160	132,700	114,100	97,360	82,360	68,700	56,220
BCD0440L^ACD	4DJNF76KE	232,880	202,920	176,640	153,620	133,240	115,060	98,460	82,800	67,500
BCD0540L^ACD	6DHNF93KE	287,560	254,480	222,140	191,100	162,140	135,320	110,880	89,720	71,540
BCD0600L^ACD	6DJNF11ME	334,980	296,280	259,360	223,620	190,160	159,580	131,980	107,120	86,100

R-407C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	**4DBNF54KE**	**169,200**	**147,060**	**126,880**	**108,320**	**91,580**	**76,540**	**62,920**	**50,740**	**39,660**
BCD0300L^ACD	**4DHNF63KE**	**192,600**	**168,660**	**146,800**	**126,860**	**108,700**	**92,380**	**77,760**	**64,360**	**52,260**
BCD0440L^ACD	**4DJNF76KE**	**224,940**	**195,800**	**170,460**	**148,020**	**128,180**	**110,380**	**94,180**	**78,780**	**63,700**
BCD0540L^ACD	**6DHNF93KE**	**276,760**	**244,520**	**212,600**	**182,280**	**153,820**	**127,120**	**103,240**	**81,840**	**63,680**
BCD0600L^ACD	**6DJNF11ME**	**321,580**	**283,920**	**247,960**	**213,020**	**180,180**	**150,280**	**122,800**	**98,600**	**77,400**

R-407C		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	162,220	140,640	120,820	102,780	86,480	71,740	58,360	46,360	35,560
BCD0300L^ACD	4DHNF63KE	184,800	161,540	140,240	120,720	103,100	87,180	72,940	59,860	48,040
BCD0440L^ACD	4DJNF76KE	216,420	188,280	163,800	142,060	122,800	105,400	89,560	74,500	59,500
BCD0540L^ACD	6DHNF93KE	265,860	234,300	203,120	173,160	145,240	118,780	95,200	73,940	55,620
BCD0600L^ACD	6DJNF11ME	308,080	271,420	236,360	202,000	169,900	140,680	113,520	89,660	68,660

R-407C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0240L^ACD	4DBNF54KE	147,360	126,740	107,980	90,780	75,340	61,140	48,420	36,940	26,480
BCD0300L^ACD	4DHNF63KE	168,780	146,640	126,480	107,960	91,240	76,240	62,600	50,180	38,840
BCD0440L^ACD	4DJNF76KE	197,440	171,360	148,700	128,380	110,100	93,660	78,600	64,040	49,500
BCD0540L^ACD	6DHNF93KE	243,720	213,560	183,580	154,920	127,240	101,780	78,320	57,160	38,800
BCD0600L^ACD	6DJNF11ME	-	246,060	212,680	179,840	149,400	120,480	94,540	70,640	49,860

Notes:

DEMAND COOLING IS REQUIRED FOR OPERATION AT LOW TEMPERATURE APPLICATIONS

^ C = 208-230/3/60, D = 460/3/60

For 50 cycle capacity, multiply values by .86

A2L UNIT SPECIFICATIONS

Medium & Low Temperature Models - Dual Copeland Discus™ Compressors

Please consult AWEF table on pages 32-33 to confirm DOE compliance per model

Model	Compressor	Refrigerant Line Connections (OD)				Rec. Capacity @90% full (lbs)		Condenser Fan Data		Dimensions (In.)			Net Wt.
		Standard (2 Each)		Parallel Piped									
		Liquid	Suction	Liquid	Suction	Standard (2 Each)	Parallel Piped	No. Fans	Dia.	Length	Width	Height	(lbs.)
BCD0240L^ACE	4YBNF40KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,780
BCD0300L^ACE	4YHNF46KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,870
BCD0440L^ACE	4YJNF59KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,780
BCD0540L^ACE	6YHNF68KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	4,070
BCD0600L^ACE	6YJNF84KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,980
BCD0300M^ACE	3YS3R16ME	1-1/8	1-5/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,600
BCD0400M^ACE	4YBNR19ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,930
BCD0500M^ACE	4YHNR22ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,930
BCD0520M^ACE	4YHNR22ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,970
BCD0600M^ACE	4YJNR27ME	1-1/8	2-1/8	1-3/8	2-5/8	188	269	4	30"	170.7	91.5	53.9	4,020
BCD0700M^ACE	6YHNR32ME	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	4,990
BCD0800M*ACE	6YJNR39ME	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	4,930

Notes:
^ C = 208-230/3/60, D = 460/3/60
* K = 230/3/60, D = 460/3/60

A1 UNIT SPECIFICATIONS

Medium & Low Temperature Models

Please consult AWEF table on pages 32-33 to confirm DOE compliance per model

Model	Compressor	Refrigerant Line Connections (OD)				Rec. Capacity @90% full (lbs)		Condenser Fan Data		Dimensions (In.)			Net Wt.
		Standard (2 Each)		Parallel Piped									
		Liquid	Suction	Liquid	Suction	Standard (2 Each)	Parallel Piped	No. Fans	Dia.	Length	Width	Height	(lbs.)
BCD0240L^ACD	4DBNF54KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,730
BCD0300L^ACD	4DHNF63KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,820
BCD0440L^ACD	4DJNF76KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,730
BCD0540L^ACD	6DHNF93KE	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,930
BCD0600L^ACD	6DJNF11ME	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	3,930
BCD0300M^ACD	3DS3R17ME	1-1/8	1-5/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,560
BCD0400M^ACD	4DBNR20ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,880
BCD0500M^ACD	4DHNR22ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,880
BCD0520M^ACD	4DHNR22ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,880
BCD0600M^ACD	4DJNR28ME	1-1/8	2-1/8	1-3/8	2-5/8	188	269	4	30"	170.7	91.5	53.9	3,880
BCD0700M^ACD	6DHNR35ME	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	4,770
BCD0800M*ACD	6DJNR40ME	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	4,800

Notes:
^ C = 208-230/3/60, D = 460/3/60
* K = 230/3/60, D = 460/3/60

A1 UNIT SPECIFICATIONS

Medium & Low Temperature Models- Dual Compressor Copeland/575V

Please consult AWEF table on page 32 to confirm DOE compliance per model

Model	Compressor	Refrigerant Line Connections (OD)				Rec. Capacity @90% full (lbs)		Condenser Fan Data		Dimensions (In.)			Net Wt.
		Standard (2 Each)		Parallel Piped									
		Liquid	Suction	Liquid	Suction	Standard (2 Each)	Parallel Piped	No. Fans	Dia.	Length	Width	Height	(lbs.)
BCD0300MEACD	3DS3R17ME	1-1/8	1-5/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,810
BCD0400MEACD	4DBNR20ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,880
BCD0500MEACD	4DHNR22ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	3,880
BCD0520MEACD	4DHNR22ME	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	4,140
BCD0600MEACD	4DJNR28ME	1-1/8	2-1/8	1-3/8	2-5/8	188	269	4	30"	170.7	91.5	53.9	3,880

A2L ELECTRICAL DATA

Medium Temperature Models - Dual Copeland Discus™ Compressors/208-230V

Please consult AWEF table on page 32 to confirm DOE compliance per model

Model	Compressor	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300M^ACD	3DS3R17ME	53.5	275	4	14	134.4	175	25	96	240.0	250	25	96	240.0	250
BCD0400M^ACD	4DBNR20ME	64.7	374	4	14	159.7	200	25	108	270.0	300	20	96	240.0	250
BCD0500M^ACD	4DHNR22ME	66.8	428	4	26.4	176.7	225	30	136.4	341.0	350	—	—	—	—
BCD0520M^ACD	4DHNR22ME	66.8	428	4	26.4	176.7	225	30	136.4	341.0	350	—	—	—	—
BCD0600M^ACD	4DJNR28ME	94.6	470	4	26.4	239.3	300	-	-	—	—	—	—	—	—
BCD0700M^ACD	6DHNR35ME	112.3	565	6	21.0	273.7	350	-	-	—	—	—	—	—	—
BCD0800M*ACD	6DJNR40ME	128.2	594	6	39.6	328.1	450	-	-	—	—	—	—	—	—

Notes:
^ C = 208-230/3/60
* K = 230/3/60
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit

A2L ELECTRICAL DATA

Medium Temperature Models - Dual Copeland Discus™ Compressors/460V

Please consult AWEF table on page 32 to confirm DOE compliance per model

Model	Compressor	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300MDACE	3YS3R16ME	26.0	138	4	6.8	65.3	90	15	56.8	142.0	150	15	48	120.0	125
BCD0400MDACE	4YBNR19ME	32.4	187	4	6.8	79.7	110	15	56.8	142.0	150	15	48	120.0	125
BCD0500MDACE	4YHNR22ME	33.4	214	4	13.2	88.4	110	20	67	167.5	175	15	68.2	170.5	175
BCD0520MDACE	4YHNR22ME	33.4	214	4	13.2	88.4	110	20	79.5	198.8	200	15	68.2	170.5	175
BCD0600MDACE	4YJNR27ME	47.3	235	4	13.2	119.6	150	20	77	192.5	200	20	77	192.5	200
BCD0700MDACE	6YHNR32ME	56.2	283	6	10.2	136.7	175	20	84	210.0	225	20	84	210.0	225
BCD0800MDACE	6YJNR39ME	64.1	297	6	19.8	164.0	225	20	96	240.0	250	20	96	240.0	250

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit

A2L ELECTRICAL DATA

Medium Temperature Models - Dual Copeland Discus™ Compressors/575V

Please consult AWEF table on page 32 to confirm DOE compliance per model

Model	Compressor	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300MEACE	3YS3R16ME	21.2	110	4	5.4	53.1	70	15	50	125.0	125	15	40	100.0	100
BCD0400MEACE	4YBNR19ME	28.2	135	4	5.4	68.9	90	15	50	125.0	125	15	40	100.0	125
BCD0500MEACE	4YHNR22ME	29.9	172	4	10.6	77.8	100	20	60	150.0	150	15	60	150.0	150
BCD0520MEACE	4YHNR22ME	29.9	172	4	10.6	77.8	100	20	60	150.0	150	20	70	175.0	175
BCD0600MEACE	4YJNR27ME	39.6	200	4	10.6	99.7	125	20	70	175.0	175	20	70	175.0	175

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit

A2L ELECTRICAL DATA

Low Temperature Models - Dual Copeland Discus™ Compressors/208-230V

Please consult AWEF table on page 33 to confirm DOE compliance per model

Model	Compressor	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0240LCACE	4YBNF40KE	46.0	220	4	26.4	129.9	175	22	64	173.9	200	15	48	159.9	200
BCD0300LCACE	4YHNF46KE	47.2	278	4	26.4	132.6	175	25	83	207.5	225	15	48	162.6	200
BCD0440LCACE	4YJNF59KE	57.7	374	4	26.4	156.2	200	25	105	262.5	300	15	48	186.2	225
BCD0540LCACE	6YHNF68KE	72.4	450	4	26.4	189.3	250	25	106	265.0	300	20	96	240.0	300
BCD0600LCACE	6YJNF84KE	85.8	470	4	26.4	219.5	300	30	159.1	397.8	400	20	96	259.5	300

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit
Contact factory for 575 volt electrical specification

A2L ELECTRICAL DATA

Low Temperature Models - Dual Copeland Discus™ Compressors/460V

Please consult AWEF table on page 33 to confirm DOE compliance per model

Model	Compressor	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0240LDACE	4YBNF40KE	23.0	110	4	13.2	65.0	80	15	38	95.0	110	10	24	85.0	100
BCD0300LDACE	4YHNF46KE	23.6	139	4	13.2	66.3	80	15	48	120.0	125	15	40	100.0	110
BCD0440LDACE	4YJNF59KE	28.8	187	4	13.2	78.0	100	15	56.8	142.0	150	15	48	120.0	125
BCD0540LDACE	6YHNF68KE	36.2	225	4	13.2	94.7	125	15	64	160.0	175	15	48	124.7	150
BCD0600LDACE	6YJNF84KE	42.9	235	4	13.2	109.7	150	20	76	190.0	200	15	48	139.7	175

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit
Contact factory for 575 volt electrical specification

A1 ELECTRICAL DATA

Medium Temperature Models - Dual Compressor Copeland/208-230V

Please consult AWEF table on page 32 to confirm DOE compliance per model

		Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
Model	Compressor	Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300M^ACD	3DS3R17ME	53.5	275	4	14	134.4	175	25	96	240.0	250.0	25	96	240.0	250.0
BCD0400M^ACD	4DBNR20ME	64.7	374	4	14	159.7	200	25	108	270.0	300.0	20	96	240.0	250.0
BCD0500M^ACD	4DHNR22ME	66.8	428	4	14	164.3	225	30	136.4	341.0	350.0	-	-	-	-
BCD0520M^ACD	4DHNR22ME	66.8	428	4	26.4	176.7	225	30	136.4	341.0	350.0	-	-	-	-
BCD0600M^ACD	4DJNR28ME	94.6	470	4	26.4	239.3	300	-	-	-	-	-	-	-	-
BCD0700M^ACD	6DHNR35ME	112.3	565	6	39.6	292.3	400	-	-	-	-	-	-	-	-
BCD0800M*ACD	6DJNR40ME	128.2	594	6	39.6	328.1	450	-	-	-	-	-	-	-	-

Notes:
^ C = 208-230/3/60
* K = 230/3/60
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit

A1 ELECTRICAL DATA

Medium Temperature Models - Dual Compressor Copeland/460V

Please consult AWEF table on page 32 to confirm DOE compliance per model

		Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
Model	Compressor	Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300M^ACD	3DS3R17ME	26.0	138	4	6.8	65.4	90	15	56.8	142.0	150.0	15	48	120.0	125.0
BCD0400M^ACD	4DBNR20ME	32.4	187	4	6.8	79.6	110	15	56.8	142.0	150.0	15	48	120.0	125.0
BCD0500M^ACD	4DHNR22ME	33.4	214	4	6.8	81.9	110	20	67	167.5	175.0	15	68.2	170.5	175.0
BCD0520M^ACD	4DHNR22ME	33.4	214	4	13.2	88.3	110	20	79.5	198.8	200.0	15	68.2	170.5	175.0
BCD0600M^ACD	4DJNR28ME	47.3	235	4	13.2	119.6	150	20	77	192.5	200.0	20	77	192.5	200.0
BCD0700M^ACD	6DHNR35ME	56.2	283	6	19.8	146.1	200	20	84	210.0	225.0	20	84	210.0	225.0
BCD0800M^ACD	6DJNR40ME	64.1	297	6	19.8	164.0	225	20	96	240.0	250.0	20	96	240.0	250.0

Notes:
^ D =460/3/60
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit

A1 ELECTRICAL DATA

Medium Temperature Models - Dual Compressor Copeland/575V

Please consult AWEF table on page 32 to confirm DOE compliance per model

Model	Compressor	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300MEACD	3DS3R17ME	21.2	110	4	5.4	53.0	70	15	50	125.0	125.0	15	40	100.0	100
BCD0400MEACD	4DBNR20ME	28.2	135	4	11.2	74.7	100	15	50	125.0	125.0	15	40	104.7	125
BCD0500MEACD	4DHNR22ME	29.9	172	4	11.2	78.4	100	20	60	150.0	150.0	15	60	150.0	150
BCD0520MEACD	4DHNR22ME	29.9	172	4	10.6	77.8	100	20	60	150.0	150.0	20	70	175.0	175
BCD0600MEACD	4DJNR28ME	39.6	200	4	11.2	100.3	125	20	70	175.0	175.0	20	70	175.0	175

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit

A1 ELECTRICAL DATA

Low Temperature Models - Dual Compressor Copeland/208-230V

Please consult AWEF table on page 33 to confirm DOE compliance per model

		Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
Model	Compressor	Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0240L^ACD	4DBNF54KE	46.0	220	4	14	117.6	150	22	64	161.6	200.0	15	48	147.6	175
BCD0300L^ACD	4DHNF63KE	47.2	278	4	14	120.2	150	25	83	207.5	225.0	15	48	150.2	175
BCD0440L^ACD	4DJNF76KE	57.7	374	4	14	143.8	200	25	105	262.5	300.0	15	48	173.8	225
BCD0540L^ACD	6DHNF93KE	72.4	450	4	14	177.0	225	25	106	265.0	300.0	20	96	240.0	250
BCD0600L^ACD	6DJNF11ME	85.8	470	4	14	207.0	250	30	159.1	397.8	400.0	20	96	247.0	300

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit
Contact factory for 575 volt electrical specification

A1 ELECTRICAL DATA

Low Temperature Models - Dual Compressor Copeland/460V

Please consult AWEF table on page 33 to confirm DOE compliance per model

		Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
Model	Compressor	Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0240L^ACD	4DBNF54KE	23.0	110	4	6.8	58.6	80	15	38	95.0	110.0	10	24	78.6	100
BCD0300L^ACD	4DHNF63KE	23.6	139	4	6.8	59.9	80	15	48	120.0	125.0	15	40	100.0	110
BCD0440L^ACD	4DJNF76KE	28.8	187	4	6.8	71.7	100	15	56.8	142.0	150.0	15	48	120.0	125
BCD0540L^ACD	6DHNF93KE	36.2	225	4	6.8	88.3	110	15	64	160.0	175.0	15	48	120.0	150
BCD0600L^ACD	6DJNF11ME	42.9	235	4	6.8	103.3	125	20	76	190.0	200.0	15	48	133.3	175

Notes:
Λ D =460/3/60
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
† = Number of Contactors per Compressor
Loads are shown per compressor circuit
Contact factory for 575 volt electrical specification

AWEF DATA – MEDIUM TEMPERATURE

Medium Temperature Models - Dual Copeland Discus™ Compressors Parallel Piped

If model has a numerical value in the table below, the following statement applies:
This refrigeration system is designed and certified for use in walk-in cooler applications

Model	A2L			A1				
	R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A	R-407C	R-407F
BCD0300M^AC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0400M^AC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0500M^AC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0520M^AC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0600M^AC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0700M^AC±A1500	7.6	7.6	7.6	7.6	7.6	–	–	7.6
BCD0800M*AC±A1500	7.6	7.6	7.6	–	7.6	7.6	–	7.6

Notes:
^ C = 208-230/3/60, D = 460/3/60
* K = 230/3/60, D = 460/3/60
± E = A2L/A1 Discus Compressor, D = A1 Discus Compressor
X = model not suitable for this refrigerant
— = model is not DOE AWEF compliant

AWEF DATA – MEDIUM TEMPERATURE

Medium Temperature Models - Dual Copeland Discus™ Compressors Parallel Piped/575V

If model has a numerical value in the table below, the following statement applies:
This refrigeration system is designed and certified for use in walk-in cooler applications

Model	A2L			A1				
	R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A	R-407C	R-407F
BCD0300MEAC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0400MEAC±A1500	7.6	7.6	7.6	–	–	–	–	7.6
BCD0500MEAC±A1500	7.6	7.6	7.6	7.6	–	–	–	7.6
BCD0520MEAC±A1500	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0600MEAC±A1500	7.6	7.6	7.6	–	–	–	–	7.6

Notes:
± E = A2L/A1 Discus Compressor, D = A1 Discus Compressor
X = model not suitable for this refrigerant
— = model is not DOE AWEF compliant

AWEF DATA – LOW TEMPERATURE

Low Temperature Models - Dual Copeland Discus™ Compressors Parallel Piped

If model has a numerical value in the table below, the following statement applies:
This refrigeration system is designed and certified for use in walk-in cooler applications

Model	A2L			A1				
	R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A	R-407C	R-407F
BCD0240L^AC±A1500	–	–	–	–	–	–	–	–
BCD0300L^AC±A1500	–	–	–	–	–	–	–	–
BCD0440L^AC±A1500	–	–	–	–	–	–	–	–
BCD0540L^AC±A1500	–	–	–	–	–	–	–	–
BCD0600L^AC±A1500	–	–	–	–	–	–	–	–

Notes:
^ C = 208-230/3/60, D = 460/3/60
± E = A2L/A1 Discus Compressor, D = A1 Discus Compressor
X = model not suitable for this refrigerant
— = model is not DOE AWEF compliant

MODELS WITH DUAL BITZER SEMI-HERMETIC COMPRESSORS

A2L PERFORMANCE DATA – R-454C

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-454C		Capacity BTUH @ 90°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	4PES-15Y	317,280	285,540	255,700	227,720	201,800	178,120	156,300	118,800	88,380	---
BCD0400M^ABV	4NES-20Y	368,880	333,360	299,620	267,940	238,580	211,700	186,700	143,380	107,900	79,000
BCD0440M^ABV	4JE-22Y	406,900	369,000	332,780	299,000	267,040	237,520	210,140	162,020	122,360	89,300
BCD0500M^ABV	4HE-25Y	471,780	428,980	388,400	350,080	313,640	279,720	248,300	192,960	146,920	108,460
BCD0600M^ABV	4GE-30Y	555,880	504,140	455,260	409,440	366,280	326,400	289,480	225,020	171,300	126,660
BCD0660M^ABV	6JE-33Y	613,980	555,540	499,760	447,760	398,960	354,000	312,600	240,480	180,940	132,040
BCD0700M^ABV	6HE-35Y	704,960	639,980	577,940	519,600	464,940	414,440	367,400	285,200	217,020	160,220
BCD0800M^ABV	6GE-40Y	803,360	730,700	661,020	594,760	533,100	475,980	422,800	329,240	251,420	186,180
BCD1100M^ABV	6FE-50Y	960,000	875,260	795,360	718,060	645,060	577,420	514,200	401,900	307,600	228,280

R-454C		Capacity BTUH @ 95°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	**4PES-15Y**	**304,220**	**273,860**	**244,880**	**217,780**	**192,780**	**169,900**	**149,060**	**112,880**	**83,660**	**---**
BCD0400M^ABV	**4NES-20Y**	**354,000**	**319,820**	**287,320**	**256,780**	**228,620**	**202,480**	**178,460**	**136,700**	**102,620**	**74,900**
BCD0440M^ABV	**4JE-22Y**	**390,420**	**354,000**	**319,080**	**286,260**	**255,620**	**227,180**	**200,760**	**154,380**	**116,120**	**84,440**
BCD0500M^ABV	**4HE-25Y**	**452,100**	**411,380**	**372,360**	**335,500**	**300,380**	**267,680**	**237,560**	**184,260**	**139,980**	**103,040**
BCD0600M^ABV	**4GE-30Y**	**533,400**	**483,620**	**437,060**	**392,080**	**350,980**	**312,560**	**277,260**	**215,100**	**163,480**	**120,680**
BCD0660M^ABV	**6JE-33Y**	**590,300**	**533,800**	**480,340**	**429,600**	**382,420**	**338,640**	**299,040**	**229,260**	**171,860**	**124,760**
BCD0700M^ABV	**6HE-35Y**	**675,900**	**614,240**	**554,680**	**498,360**	**445,760**	**397,040**	**351,700**	**272,440**	**206,780**	**152,160**
BCD0800M^ABV	**6GE-40Y**	**772,020**	**701,160**	**634,120**	**570,460**	**511,120**	**456,180**	**405,100**	**314,860**	**240,020**	**177,160**
BCD1100M^ABV	**6FE-50Y**	**921,260**	**840,140**	**762,080**	**687,980**	**618,080**	**553,120**	**492,120**	**384,520**	**294,020**	**217,580**

R-454C		Capacity BTUH @ 100°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	4PES-15Y	291,220	261,920	234,000	207,880	183,860	161,780	141,760	106,960	78,860	---
BCD0400M^ABV	4NES-20Y	339,020	306,320	274,920	245,900	218,520	193,280	170,240	130,020	97,260	70,660
BCD0440M^ABV	4JE-22Y	373,640	338,920	305,340	274,020	244,300	216,800	191,220	146,660	109,960	79,380
BCD0500M^ABV	4HE-25Y	432,800	393,740	355,980	320,740	287,000	255,620	226,660	175,400	132,900	97,420
BCD0600M^ABV	4GE-30Y	510,760	463,000	418,260	375,440	335,540	298,480	264,580	204,980	155,440	114,360
BCD0660M^ABV	6JE-33Y	566,480	512,280	460,380	411,400	365,840	323,700	285,440	217,960	162,580	117,240
BCD0700M^ABV	6HE-35Y	648,660	588,620	531,200	476,860	426,420	379,480	335,840	259,600	196,360	143,860
BCD0800M^ABV	6GE-40Y	739,500	671,500	607,180	545,980	489,000	435,920	387,180	300,360	228,280	167,720
BCD1100M^ABV	6FE-50Y	878,880	803,320	728,620	657,700	590,800	528,480	470,080	366,740	279,860	206,220

Notes:

^ C = 208-230/3/60, D = 460/3/60, E = 575/3/60

A2L PERFORMANCE DATA – R-454C

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-454C		Capacity BTUH @ 110°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	4PES-15Y	265,360	238,280	212,440	188,180	166,080	145,720	127,200	95,100	69,280	---
BCD0400M^ABV	4NES-20Y	---	279,180	250,460	223,520	198,260	174,940	153,520	116,560	86,380	*62,020*
BCD0440M^ABV	4JE-22Y	---	---	277,720	248,420	221,280	195,680	172,220	131,120	97,060	*68,980*
BCD0500M^ABV	4HE-25Y	---	---	---	291,120	260,080	230,880	204,600	157,300	118,200	*85,660*
BCD0600M^ABV	4GE-30Y	---	422,060	380,260	340,900	304,200	270,440	238,940	184,200	138,760	*101,200*
BCD0660M^ABV	6JE-33Y	---	468,360	420,200	374,780	332,480	293,560	257,480	195,000	143,680	*101,740*
BCD0700M^ABV	6HE-35Y	---	---	483,900	433,860	387,340	343,860	303,920	233,180	174,860	*126,280*
BCD0800M^ABV	6GE-40Y	---	611,940	552,860	496,720	443,900	395,620	350,160	270,220	203,620	*147,580*
BCD1100M^ABV	6FE-50Y	---	---	660,760	596,640	535,480	478,420	425,180	330,140	250,060	*182,020*

Notes:

HEAD FAN REQUIRED

Liquid Injection via CIC is Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A2L PERFORMANCE DATA – R-455A

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-455A		Capacity BTUH @ 90°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	4PES-15Y	330,100	296,580	265,180	236,000	208,840	184,040	161,460	122,280	90,560	---
BCD0400M^ABV	4NES-20Y	383,980	346,760	311,500	278,360	247,620	219,420	193,300	148,160	111,340	81,320
BCD0440M^ABV	4JE-22Y	422,980	383,360	345,540	309,900	276,460	245,680	217,260	167,220	125,860	91,580
BCD0500M^ABV	4HE-25Y	490,060	445,600	403,100	362,800	324,940	289,740	257,280	199,560	151,700	111,820
BCD0600M^ABV	4GE-30Y	576,100	522,380	471,320	423,400	378,640	337,400	299,160	232,300	176,800	130,680
BCD0660M^ABV	6JE-33Y	640,920	579,060	520,440	465,440	414,320	367,360	323,800	248,380	186,340	135,240
BCD0700M^ABV	6HE-35Y	732,520	664,980	600,300	539,360	482,360	429,540	380,600	295,000	224,000	164,940
BCD0800M^ABV	6GE-40Y	832,680	755,860	683,020	614,300	550,280	491,000	435,620	339,140	258,740	191,620
BCD1100M^ABV	6FE-50Y	992,040	905,040	821,220	741,580	666,580	596,540	531,520	415,460	318,000	235,900

R-455A		Capacity BTUH @ 95°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	**4PES-15Y**	**316,420**	**284,120**	**253,780**	**225,660**	**199,420**	**175,560**	**153,720**	**116,020**	**85,520**	**---**
BCD0400M^ABV	**4NES-20Y**	**368,420**	**332,520**	**298,540**	**266,580**	**236,920**	**209,700**	**184,500**	**141,020**	**105,600**	**76,720**
BCD0440M^ABV	**4JE-22Y**	**405,740**	**367,580**	**330,940**	**296,680**	**264,480**	**234,760**	**207,220**	**159,000**	**119,140**	**86,140**
BCD0500M^ABV	**4HE-25Y**	**469,680**	**427,080**	**386,140**	**347,360**	**310,880**	**277,020**	**245,620**	**190,140**	**144,080**	**105,740**
BCD0600M^ABV	**4GE-30Y**	**552,360**	**500,700**	**451,600**	**405,360**	**362,360**	**322,620**	**285,920**	**221,500**	**168,200**	***123,800***
BCD0660M^ABV	**6JE-33Y**	**615,960**	**556,040**	**499,420**	**446,340**	**396,800**	**351,440**	**309,420**	**236,360**	**176,440**	***127,120***
BCD0700M^ABV	**6HE-35Y**	**703,060**	**637,800**	**575,700**	**517,000**	**461,960**	**411,060**	**363,800**	**281,260**	**212,780**	***155,880***
BCD0800M^ABV	**6GE-40Y**	**798,420**	**724,680**	**654,640**	**588,480**	**526,780**	**469,580**	**416,560**	**323,460**	**246,080**	***181,480***
BCD1100M^ABV	**6FE-50Y**	**949,780**	**866,480**	**786,000**	**709,800**	**637,740**	**570,540**	**507,900**	**396,400**	**302,800**	***223,520***

R-455A		Capacity BTUH @ 100°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	4PES-15Y	302,780	271,660	242,440	215,220	189,900	167,000	145,960	109,680	80,320	---
BCD0400M^ABV	4NES-20Y	352,780	318,280	285,420	254,760	226,140	199,780	175,700	133,800	99,740	*72,040*
BCD0440M^ABV	4JE-22Y	388,340	351,520	316,460	283,400	252,400	223,780	197,080	150,660	112,280	*80,520*
BCD0500M^ABV	4HE-25Y	449,200	408,320	369,040	331,620	296,560	264,080	233,580	180,440	136,200	*99,380*
BCD0600M^ABV	4GE-30Y	528,520	478,860	431,680	387,260	346,020	307,520	272,360	210,460	159,260	*116,700*
BCD0660M^ABV	6JE-33Y	590,580	533,180	478,460	426,980	379,560	335,140	294,720	224,140	166,340	*118,820*
BCD0700M^ABV	6HE-35Y	673,300	610,780	550,920	494,260	441,280	392,420	346,840	267,320	201,360	*146,460*
BCD0800M^ABV	6GE-40Y	763,560	693,360	625,940	562,340	502,800	447,640	396,900	307,380	233,000	170,820
BCD1100M^ABV	6FE-50Y	907,220	827,580	750,700	677,580	608,360	543,880	483,600	376,980	287,080	210,620

Notes:

HEAD FAN REQUIRED

Liquid Injection via CIC is Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A2L PERFORMANCE DATA – R-455A

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-455A		Capacity BTUH @ 110°F Ambient by SST									
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F	-20°F
BCD0300M^ABV	4PES-15Y	---	246,700	219,660	194,200	171,040	149,720	130,260	96,760	69,760	---
BCD0400M^ABV	4NES-20Y	---	---	259,280	230,800	204,380	180,020	157,680	119,020	87,560	62,120
BCD0440M^ABV	4JE-22Y	---	---	---	256,540	228,020	201,120	176,660	133,660	98,100	68,720
BCD0500M^ABV	4HE-25Y	---	---	---	300,100	267,800	237,920	209,780	160,700	119,940	86,000
BCD0600M^ABV	4GE-30Y	---	---	391,220	350,700	312,140	277,080	244,580	187,720	140,600	101,540
BCD0660M^ABV	6JE-33Y	---	---	435,920	388,160	343,480	302,500	264,780	199,200	145,380	101,220
BCD0700M^ABV	6HE-35Y	---	---	---	448,420	399,600	354,000	312,100	238,380	*177,260*	*126,500*
BCD0800M^ABV	6GE-40Y	---	---	567,540	509,080	454,200	403,620	356,640	274,260	*205,680*	148,180
BCD1100M^ABV	6FE-50Y	---	---	---	611,580	548,940	489,620	434,560	336,680	*253,600*	182,740

Notes:

HEAD FAN REQUIRED

Liquid Injection via CIC is Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A2L PERFORMANCE DATA – R-454C

Low Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-454C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	4JE-15Y	170,180	148,580	129,100	111,120	94,820	79,860	66,320	---	---
BCD0300L^ABV	4HE-18Y	200,440	175,680	153,000	132,280	113,240	95,880	80,020	---	---
BCD0400L^ABV	4GE-23Y	231,920	203,960	178,240	154,720	133,140	113,280	95,180	78,440	---
BCD0440L^ABV	6JE-25Y	247,940	217,100	188,940	162,980	139,520	118,020	98,360	80,240	---
BCD0500L^ABV	6HE-28Y	286,680	251,920	219,880	190,500	163,660	138,980	116,320	95,380	75,960
BCD0600L^ABV	6GE-34Y	331,140	293,400	258,420	225,920	195,700	168,020	142,280	118,420	95,840
BCD0800L^ABV	6FE-44Y	410,560	361,900	317,060	275,640	237,520	202,580	170,180	140,060	111,840

R-454C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	**4JE-15Y**	**162,360**	**141,640**	**122,720**	**105,360**	**89,680**	**75,280**	**62,240**	**---**	**---**
BCD0300L^ABV	**4HE-18Y**	**191,600**	**167,580**	**145,700**	**125,760**	**107,440**	**90,820**	**75,560**	**---**	**---**
BCD0400L^ABV	**4GE-23Y**	**221,760**	**194,820**	**170,040**	**147,320**	**126,680**	**107,640**	**90,300**	**74,260**	**---**
BCD0440L^ABV	**6JE-25Y**	**236,760**	**206,900**	**179,720**	**154,560**	**131,960**	**111,180**	**92,360**	**74,960**	**---**
BCD0500L^ABV	**6HE-28Y**	**273,740**	**240,160**	**209,240**	**180,980**	**155,000**	**131,420**	**109,660**	**89,600**	**70,980**
BCD0600L^ABV	**6GE-34Y**	**316,520**	**280,260**	**246,600**	**215,340**	**186,380**	**159,760**	**135,240**	**112,280**	**90,720**
BCD0800L^ABV	**6FE-44Y**	**392,380**	**345,260**	**302,540**	**262,500**	**225,900**	**192,380**	**161,320**	**132,540**	**105,560**

R-454C		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	4JE-15Y	154,620	134,640	116,420	99,660	84,560	70,720	58,220	---	---
BCD0300L^ABV	4HE-18Y	182,760	159,540	138,460	119,260	101,660	85,660	71,140	---	---
BCD0400L^ABV	4GE-23Y	211,500	185,760	161,880	140,060	120,260	102,020	85,460	70,160	---
BCD0440L^ABV	6JE-25Y	225,660	196,600	170,400	146,260	124,420	104,420	86,340	69,680	---
BCD0500L^ABV	6HE-28Y	260,860	228,520	198,780	171,460	146,480	123,860	102,960	83,780	66,000
BCD0600L^ABV	6GE-34Y	301,960	267,100	234,800	204,800	177,060	151,480	127,880	106,080	85,520
BCD0800L^ABV	6FE-44Y	374,280	329,060	287,940	249,500	214,460	182,140	152,540	124,860	99,160

R-454C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	4JE-15Y	139,400	120,860	103,900	88,380	74,440	61,700	---	---	---
BCD0300L^ABV	4HE-18Y	165,080	143,640	124,220	106,440	90,220	75,540	62,220	---	---
BCD0400L^ABV	4GE-23Y	191,660	167,660	145,760	125,700	107,540	90,900	75,820	62,020	---
BCD0440L^ABV	6JE-25Y	203,620	176,920	152,240	129,880	109,500	91,020	74,380	59,100	---
BCD0500L^ABV	6HE-28Y	235,440	205,300	177,920	152,640	129,580	108,760	89,640	72,160	55,920
BCD0600L^ABV	6GE-34Y	---	240,780	211,140	183,680	158,340	134,840	113,360	93,500	74,840
BCD0800L^ABV	6FE-44Y	337,760	296,620	258,580	223,420	191,180	161,760	134,640	109,580	86,300

Notes:

HEAD FAN REQUIRED

Liquid Injection via CIC is Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A2L PERFORMANCE DATA – R-455A

Low Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-455A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	4JE-15Y	175,760	153,420	133,000	114,300	97,300	81,800	67,780	---	---
BCD0300L^ABV	4HE-18Y	207,040	181,300	157,740	136,160	116,460	98,500	82,140	---	---
BCD0400L^ABV	4GE-23Y	239,840	210,580	184,100	159,680	137,400	117,000	98,340	81,140	---
BCD0440L^ABV	6JE-25Y	256,720	224,580	195,080	168,100	143,500	121,120	100,720	81,920	---
BCD0500L^ABV	6HE-28Y	296,800	260,580	227,160	196,800	168,800	143,260	119,880	98,280	---
BCD0600L^ABV	6GE-34Y	342,040	303,320	267,200	233,620	202,560	173,980	147,640	123,080	100,160
BCD0800L^ABV	6FE-44Y	424,340	374,020	327,480	284,620	245,260	209,120	175,900	144,920	---

R-455A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	**4JE-15Y**	**167,720**	**146,020**	**126,300**	**108,260**	**91,860**	**76,960**	**63,460**	**---**	**---**
BCD0300L^ABV	**4HE-18Y**	**197,680**	**172,740**	**150,040**	**129,240**	**110,320**	**93,020**	**77,360**	**---**	**---**
BCD0400L^ABV	**4GE-23Y**	**229,000**	**201,000**	**175,380**	**151,940**	**130,500**	**110,940**	**93,120**	**76,680**	**---**
BCD0440L^ABV	**6JE-25Y**	**245,000**	**213,660**	**185,220**	**159,160**	**135,460**	**113,880**	**94,280**	**76,180**	**---**
BCD0500L^ABV	**6HE-28Y**	**283,120**	**248,340**	**215,960**	**186,600**	**159,660**	**135,080**	**112,640**	**91,880**	**---**
BCD0600L^ABV	**6GE-34Y**	**326,540**	**289,080**	**254,520**	**222,440**	**192,320**	**164,960**	**139,680**	**116,200**	**94,280**
BCD0800L^ABV	**6FE-44Y**	**405,160**	**356,420**	**311,920**	**270,720**	**232,880**	**198,180**	**166,320**	**136,600**	**---**

R-455A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	4JE-15Y	159,560	138,600	119,560	102,200	86,400	72,040	59,060	---	---
BCD0300L^ABV	4HE-18Y	188,280	164,240	142,320	122,300	104,100	87,520	72,460	---	---
BCD0400L^ABV	4GE-23Y	218,180	191,280	166,680	144,120	123,580	104,860	87,760	72,080	---
BCD0440L^ABV	6JE-25Y	233,180	202,840	175,400	150,220	127,340	106,560	87,700	70,320	---
BCD0500L^ABV	6HE-28Y	269,400	235,660	204,740	176,300	150,440	126,780	105,300	85,400	---
BCD0600L^ABV	6GE-34Y	310,900	274,960	241,660	210,700	182,080	155,740	131,600	109,100	88,200
BCD0800L^ABV	6FE-44Y	385,880	339,020	296,220	256,680	220,500	187,100	156,620	128,200	---

R-455A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABV	4JE-15Y	143,300	123,780	106,160	89,980	75,400	62,160	50,200	---	---
BCD0300L^ABV	4HE-18Y	169,380	147,180	126,920	108,420	91,640	76,380	62,620	---	---
BCD0400L^ABV	4GE-23Y	196,600	171,860	149,200	128,500	109,660	92,540	77,020	62,800	---
BCD0440L^ABV	6JE-25Y	209,440	181,280	155,740	132,260	111,040	91,760	74,340	58,320	---
BCD0500L^ABV	6HE-28Y	242,020	210,520	181,860	155,740	131,820	110,080	90,220	72,060	55,280
BCD0600L^ABV	6GE-34Y	---	246,080	215,660	187,040	160,980	137,060	114,940	94,460	75,400
BCD0800L^ABV	6FE-44Y	347,300	304,320	264,800	228,680	195,420	164,900	137,020	111,180	87,240

Notes:

HEAD FAN REQUIRED

Liquid Injection via CIC is Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-404A/R-507A

Medium Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-404A/R-507A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	378,720	347,040	316,000	286,820	259,160	232,760	207,700	163,700	126,360
BCD0400M^ABX	4NES-20Y	431,960	397,900	364,700	332,080	301,500	272,500	244,980	194,900	152,640
BCD0440M^ABX	4JE-22Y	469,660	435,940	401,080	366,920	333,860	302,900	273,680	218,940	171,940
BCD0500M^ABX	4HE-25Y	534,960	497,820	461,640	424,120	388,000	352,500	319,580	258,300	204,580
BCD0600M^ABX	4GE-30Y	652,300	602,780	554,580	507,220	462,220	420,300	379,240	305,300	241,640
BCD0660M^ABX	6JE-33Y	717,600	661,880	607,460	553,520	503,260	455,020	409,740	326,480	255,620
BCD0700M^ABX	6HE-35Y	804,520	748,680	691,140	633,440	577,960	525,940	475,940	384,060	303,580
BCD0800M^ABX	6GE-40Y	936,200	867,760	800,540	733,740	670,800	610,460	552,840	446,020	353,780
BCD1100M^ABX	6FE-50Y	1,087,860	1,014,160	943,300	870,520	797,840	729,640	663,120	539,460	429,620

R-404A/R-507A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	**4PES-15Y**	**360,060**	**329,400**	**300,560**	**272,720**	**246,140**	**220,860**	**197,380**	**155,080**	**119,220**
BCD0400M^ABX	**4NES-20Y**	**409,340**	**378,400**	**346,960**	**316,540**	**286,940**	**259,120**	**232,820**	**185,400**	**144,740**
BCD0440M^ABX	**4JE-22Y**	**445,960**	**413,180**	**380,240**	**348,960**	**317,560**	**288,140**	**260,200**	**207,860**	**162,860**
BCD0500M^ABX	**4HE-25Y**	**507,080**	**472,280**	**438,140**	**403,040**	**368,120**	**335,300**	**303,980**	**245,760**	**194,480**
BCD0600M^ABX	**4GE-30Y**	**619,920**	**573,360**	**527,820**	**483,580**	**440,320**	**400,300**	**361,220**	**291,000**	**229,860**
BCD0660M^ABX	**6JE-33Y**	**683,060**	**630,320**	**578,440**	**527,400**	**479,480**	**434,020**	**389,600**	**310,540**	**242,140**
BCD0700M^ABX	**6HE-35Y**	**763,520**	**711,420**	**655,860**	**602,520**	**549,960**	**500,640**	**453,680**	**365,120**	**288,420**
BCD0800M^ABX	**6GE-40Y**	**889,000**	**824,940**	**761,080**	**698,220**	**638,680**	**582,060**	**526,700**	**424,760**	**336,660**
BCD1100M^ABX	**6FE-50Y**	**1,033,020**	**964,600**	**895,100**	**826,760**	**758,200**	**693,620**	**631,200**	**514,040**	**408,840**

R-404A/R-507A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	341,300	312,380	285,020	258,380	233,240	209,200	186,900	146,500	112,220
BCD0400M^ABX	4NES-20Y	388,940	358,720	329,060	299,700	272,240	246,160	221,060	175,680	136,900
BCD0440M^ABX	4JE-22Y	421,860	391,320	361,060	330,820	301,100	273,240	246,580	196,720	153,800
BCD0500M^ABX	4HE-25Y	479,020	446,280	414,660	381,940	349,240	317,820	288,180	233,200	184,120
BCD0600M^ABX	4GE-30Y	587,360	543,620	500,720	457,800	418,080	380,060	343,160	276,300	218,020
BCD0660M^ABX	6JE-33Y	648,100	598,420	549,220	500,900	454,960	412,080	369,860	294,180	228,660
BCD0700M^ABX	6HE-35Y	722,180	670,780	621,320	571,160	521,600	475,020	430,500	346,260	273,120
BCD0800M^ABX	6GE-40Y	841,660	780,900	721,280	662,180	605,940	552,660	499,260	403,260	319,380
BCD1100M^ABX	6FE-50Y	970,780	908,080	846,420	782,360	717,700	657,400	598,660	487,820	388,180

Notes:

^ C = 208-230/3/60, D = 460/3/60, E = 575/3/60

A1 PERFORMANCE DATA – R-404A/R-507A

Medium Temperature Models - Dual Bitzer Compressors (cont.)

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-404A/R-507A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	303,620	277,960	253,820	229,960	207,380	186,220	165,960	129,480	98,440
BCD0400M^ABX	4NES-20Y	345,580	319,060	292,880	267,040	243,040	219,160	196,780	156,320	121,280
BCD0440M^ABX	4JE-22Y	-	348,080	320,820	293,480	267,940	243,520	219,340	174,780	135,700
BCD0500M^ABX	4HE-25Y	-	-	367,560	338,260	309,340	282,520	256,760	206,940	163,360
BCD0600M^ABX	4GE-30Y	521,660	483,280	445,200	408,080	373,320	339,280	306,100	246,600	194,180
BCD0660M^ABX	6JE-33Y	577,220	533,340	490,120	446,540	406,380	367,180	329,800	261,500	201,860
BCD0700M^ABX	6HE-35Y	-	596,380	551,620	507,800	464,220	423,060	383,400	308,080	242,400
BCD0800M^ABX	6GE-40Y	745,160	692,840	640,980	588,860	539,560	491,880	445,360	360,000	284,300
BCD1100M^ABX	6FE-50Y	-	-	747,540	692,040	636,280	583,880	533,160	433,780	345,480

Notes:
^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-448A/R-449A

Medium Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-448A/R-449A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	371,900	335,960	301,900	270,200	240,260	212,940	187,960	144,340	108,560
BCD0400M^ABX	4NES-20Y	430,780	390,380	352,540	316,820	283,420	252,640	223,980	173,900	132,700
BCD0440M^ABX	4JE-22Y	472,960	430,120	390,000	351,820	315,820	282,620	251,040	195,520	149,420
BCD0500M^ABX	4HE-25Y	545,040	498,340	452,580	409,900	369,380	331,440	296,180	232,460	179,260
BCD0600M^ABX	4GE-30Y	648,560	591,300	536,440	484,540	436,080	390,500	348,340	273,460	210,980
BCD0660M^ABX	6JE-33Y	714,580	649,360	587,000	528,100	473,360	421,820	374,140	290,700	221,400
BCD0700M^ABX	6HE-35Y	814,520	742,700	674,920	610,260	549,200	492,120	438,920	344,200	265,200
BCD0800M^ABX	6GE-40Y	936,720	856,120	778,320	704,360	635,100	569,540	508,300	400,140	309,520
BCD1100M^ABX	6FE-50Y	1,111,360	1,019,480	929,340	844,100	763,120	686,920	615,600	486,880	376,840

R-448A/R-449A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	**4PES-15Y**	**356,900**	**322,280**	**289,400**	**258,740**	**229,760**	**203,480**	**179,380**	**137,240**	**102,800**
BCD0400M^ABX	**4NES-20Y**	**413,880**	**374,960**	**338,520**	**304,060**	**272,100**	**242,080**	**214,540**	**166,120**	**126,360**
BCD0440M^ABX	**4JE-22Y**	**454,260**	**413,000**	**374,320**	**337,520**	**302,600**	**270,560**	**240,200**	**186,520**	**141,980**
BCD0500M^ABX	**4HE-25Y**	**523,080**	**478,300**	**434,320**	**393,260**	**354,300**	**317,780**	**283,800**	**222,320**	**170,980**
BCD0600M^ABX	**4GE-30Y**	**622,900**	**567,940**	**515,240**	**465,300**	**418,660**	**374,360**	**333,860**	**261,920**	**201,700**
BCD0660M^ABX	**6JE-33Y**	**687,260**	**624,500**	**564,320**	**507,340**	**454,360**	**404,440**	**358,420**	**277,300**	**210,300**
BCD0700M^ABX	**6HE-35Y**	**782,480**	**713,460**	**648,340**	**586,120**	**526,860**	**472,500**	**420,820**	**329,300**	**252,980**
BCD0800M^ABX	**6GE-40Y**	**899,560**	**822,240**	**747,600**	**676,520**	**609,800**	**546,680**	**487,880**	**383,440**	**295,940**
BCD1100M^ABX	**6FE-50Y**	**1,065,040**	**977,460**	**891,200**	**809,980**	**732,380**	**659,180**	**590,600**	**466,220**	**360,740**

R-448A/R-449A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	341,980	308,600	276,920	247,360	219,760	194,060	170,880	130,240	97,100
BCD0400M^ABX	4NES-20Y	397,020	359,540	324,460	291,320	260,520	231,560	204,800	158,300	120,100
BCD0440M^ABX	4JE-22Y	435,500	396,580	358,640	322,960	289,600	258,660	229,200	177,700	134,540
BCD0500M^ABX	4HE-25Y	501,020	458,200	415,960	376,660	339,180	304,040	271,140	212,120	162,660
BCD0600M^ABX	4GE-30Y	597,100	544,420	493,860	445,920	401,040	358,480	319,420	250,340	192,340
BCD0660M^ABX	6JE-33Y	661,160	599,580	541,580	486,540	435,340	387,040	342,300	264,020	199,220
BCD0700M^ABX	6HE-35Y	750,380	684,060	621,660	561,520	505,000	452,480	402,700	314,360	240,700
BCD0800M^ABX	6GE-40Y	862,220	788,100	716,600	648,380	584,440	523,720	467,280	366,460	282,140
BCD1100M^ABX	6FE-50Y	1,019,380	935,800	853,340	775,680	701,360	632,040	565,420	445,780	344,140

Notes:

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-448A/R-449A

Medium Temperature Models - Dual Bitzer Compressors (cont.)

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-448A/R-449A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	312,300	281,560	252,580	224,720	199,000	175,640	154,000	116,500	85,880
BCD0400M^ABX	4NES-20Y	-	-	296,700	266,120	237,620	210,640	185,980	143,080	107,660
BCD0440M^ABX	4JE-22Y	-	-	-	294,480	263,600	234,880	207,880	159,800	119,720
BCD0500M^ABX	4HE-25Y	-	-	-	-	308,620	276,380	246,200	191,680	146,040
BCD0600M^ABX	4GE-30Y	-	-	451,100	407,460	365,660	326,980	290,620	227,040	173,580
BCD0660M^ABX	6JE-33Y	-	-	495,880	444,880	396,640	351,960	310,380	237,580	177,180
BCD0700M^ABX	6HE-35Y	-	-	-	-	460,880	412,380	365,920	284,320	216,000
BCD0800M^ABX	6GE-40Y	-	-	654,420	591,960	533,260	476,900	425,040	332,360	254,140
BCD1100M^ABX	6FE-50Y	-	-	-	-	638,740	575,440	514,320	404,200	310,220

Notes:

HEAD FAN REQUIRED

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-407A/R-407F

Medium Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-407A/R-407F		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	375,440	340,840	307,720	276,800	246,960	219,920	194,560	150,220	113,040
BCD0400M^ABX	4NES-20Y	428,960	390,120	353,720	319,100	286,460	256,140	227,380	176,940	134,460
BCD0440M^ABX	4JE-22Y	467,400	426,360	386,280	348,780	313,360	280,480	248,980	192,740	145,300
BCD0500M^ABX	4HE-25Y	531,420	485,540	441,120	398,180	358,000	320,360	285,200	220,960	166,600
BCD0600M^ABX	4GE-30Y	651,320	594,020	538,860	486,320	437,420	391,000	347,680	270,880	205,660
BCD0660M^ABX	6JE-33Y	711,840	647,500	587,220	529,700	475,160	424,660	376,860	291,560	219,260
BCD0700M^ABX	6HE-35Y	820,600	750,480	681,600	616,680	555,480	497,800	443,860	345,720	262,560
BCD0800M^ABX	6GE-40Y	965,980	880,880	800,560	723,900	651,200	583,540	518,740	404,360	307,320
BCD1100M^ABX	6FE-50Y	1,122,260	1,026,220	933,180	845,780	762,480	683,980	610,460	476,360	362,460

R-407A/R-407FA		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	**4PES-15Y**	**359,740**	**326,440**	**294,580**	**264,740**	**236,140**	**209,900**	**185,680**	**142,740**	**106,820**
BCD0400M^ABX	**4NES-20Y**	**411,080**	**373,720**	**338,780**	**305,460**	**273,980**	**244,800**	**217,360**	**168,500**	**127,560**
BCD0440M^ABX	**4JE-22Y**	**447,600**	**408,180**	**369,620**	**333,540**	**299,400**	**267,620**	**237,080**	**183,280**	**137,360**
BCD0500M^ABX	**4HE-25Y**	**508,640**	**464,540**	**421,900**	**381,120**	**341,900**	**305,620**	**271,680**	**209,760**	**157,460**
BCD0600M^ABX	**4GE-30Y**	**625,160**	**569,960**	**516,900**	**466,300**	**419,060**	**373,880**	**332,440**	**258,360**	**195,440**
BCD0660M^ABX	**6JE-33Y**	**682,020**	**620,140**	**562,120**	**506,540**	**454,160**	**405,360**	**359,260**	**276,980**	**207,300**
BCD0700M^ABX	**6HE-35Y**	**786,300**	**718,980**	**653,960**	**590,420**	**531,520**	**475,940**	**423,900**	**329,240**	**249,160**
BCD0800M^ABX	**6GE-40Y**	**926,620**	**844,900**	**767,700**	**693,820**	**623,820**	**558,320**	**496,220**	**385,920**	**292,000**
BCD1100M^ABX	**6FE-50Y**	**1,073,200**	**983,340**	**894,020**	**810,060**	**729,960**	**654,320**	**583,080**	**454,080**	**344,300**

R-407A/R-407F		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	343,980	312,040	281,400	252,680	225,360	199,880	176,640	135,300	100,720
BCD0400M^ABX	4NES-20Y	393,140	357,340	323,780	291,820	261,940	233,420	206,880	160,060	120,720
BCD0440M^ABX	4JE-22Y	427,860	390,020	352,900	318,320	285,440	254,840	225,640	173,660	129,480
BCD0500M^ABX	4HE-25Y	485,820	443,620	402,720	363,560	325,840	290,960	258,180	198,580	148,340
BCD0600M^ABX	4GE-30Y	598,880	545,920	494,760	446,280	400,720	357,420	317,240	245,860	185,280
BCD0660M^ABX	6JE-33Y	652,180	592,740	537,000	483,600	433,880	386,140	341,500	262,520	195,480
BCD0700M^ABX	6HE-35Y	751,960	687,560	625,220	564,300	507,580	454,780	403,840	312,900	235,880
BCD0800M^ABX	6GE-40Y	887,280	808,920	734,780	663,880	596,260	533,340	473,820	367,220	276,820
BCD1100M^ABX	6FE-50Y	-	940,540	854,960	774,440	697,500	624,340	556,100	431,720	326,220

Notes:

HEAD FAN REQUIRED

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-407A/R-407F

Medium Temperature Models - Dual Bitzer Compressors (cont.)

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-407A/R-407F		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	312,560	283,280	255,560	228,300	203,340	180,220	158,620	120,500	88,660
BCD0400M^ABX	4NES-20Y	-	-	293,920	264,580	237,060	210,640	186,360	143,360	107,020
BCD0440M^ABX	4JE-22Y	-	-	-	288,160	257,860	229,560	202,580	154,740	113,900
BCD0500M^ABX	4HE-25Y	-	-	-	-	294,060	262,360	231,440	177,000	130,520
BCD0600M^ABX	4GE-30Y	-	-	451,020	406,980	364,280	324,740	287,120	221,280	165,300
BCD0660M^ABX	6JE-33Y	-	-	487,200	438,060	392,060	348,000	306,800	233,980	172,200
BCD0700M^ABX	6HE-35Y	-	-	-	-	460,200	411,520	364,260	280,620	209,640
BCD0800M^ABX	6GE-40Y	-	-	-	604,140	542,540	483,200	428,520	330,400	246,920
BCD1100M^ABX	6FE-50Y	-	-	-	-	632,940	565,760	502,760	388,040	290,760

Notes:

HEAD FAN REQUIRED

Liquid Injection via CIC is Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-407C

Medium Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-407C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	338,920	305,680	274,860	246,200	219,140	194,560	171,560	131,260	96,740
BCD0400M^ABX	4NES-20Y	389,200	352,640	317,500	285,180	255,000	226,980	200,980	154,960	115,540
BCD0440M^ABX	4JE-22Y	431,420	390,660	351,860	314,920	280,900	249,300	219,940	167,260	122,220
BCD0500M^ABX	4HE-25Y	502,380	456,200	412,040	369,900	330,900	294,660	260,920	199,940	147,300
BCD0600M^ABX	4GE-30Y	611,720	555,120	501,200	450,860	403,180	359,120	318,000	245,420	182,980
BCD0660M^ABX	6JE-33Y	636,560	576,640	519,760	466,300	416,620	370,420	327,400	251,860	187,060
BCD0700M^ABX	6HE-35Y	740,600	671,820	607,460	546,720	490,360	437,180	387,680	300,060	225,260
BCD0800M^ABX	6GE-40Y	884,460	803,900	727,160	655,600	587,660	524,480	466,580	363,220	275,020
BCD1100M^ABX	6FE-50Y	1,022,700	928,880	840,360	757,080	678,860	606,600	538,240	417,760	314,480

R-407C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	**4PES-15Y**	**324,920**	**293,380**	**263,600**	**235,880**	**209,720**	**186,080**	**163,860**	**124,960**	**91,740**
BCD0400M^ABX	**4NES-20Y**	**373,940**	**338,600**	**304,700**	**273,480**	**244,400**	**217,380**	**192,460**	**147,860**	**109,940**
BCD0440M^ABX	**4JE-22Y**	**414,500**	**375,200**	**337,660**	**301,940**	**269,340**	**238,660**	**209,900**	**159,120**	**115,560**
BCD0500M^ABX	**4HE-25Y**	**483,140**	**438,560**	**395,940**	**355,700**	**317,480**	**282,380**	**249,720**	**190,800**	**-**
BCD0600M^ABX	**4GE-30Y**	**589,820**	**535,120**	**483,020**	**434,340**	**388,140**	**345,600**	**305,620**	**235,200**	**174,720**
BCD0660M^ABX	**6JE-33Y**	**611,700**	**553,980**	**499,100**	**448,040**	**399,560**	**355,180**	**313,440**	**240,640**	**178,120**
BCD0700M^ABX	**6HE-35Y**	**712,040**	**645,760**	**583,740**	**525,200**	**470,860**	**419,360**	**371,980**	**287,620**	**215,400**
BCD0800M^ABX	**6GE-40Y**	**852,180**	**774,600**	**700,540**	**631,520**	**565,840**	**505,000**	**449,000**	**349,340**	**264,340**
BCD1100M^ABX	**6FE-50Y**	**983,240**	**892,720**	**807,940**	**727,720**	**652,380**	**582,640**	**516,940**	**400,560**	**301,120**

R-407C		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	311,980	281,060	252,320	225,580	200,520	177,560	156,100	118,680	86,780
BCD0400M^ABX	4NES-20Y	358,580	324,560	292,280	261,780	233,980	207,700	183,720	140,720	104,300
BCD0440M^ABX	4JE-22Y	397,760	359,700	323,540	288,920	257,180	227,840	200,020	151,040	108,960
BCD0500M^ABX	4HE-25Y	463,940	420,920	379,820	340,420	304,100	270,180	238,200	181,700	-
BCD0600M^ABX	4GE-30Y	567,760	515,040	464,720	417,640	372,980	331,680	293,240	225,080	166,340
BCD0660M^ABX	6JE-33Y	586,800	531,200	478,320	429,120	381,880	339,200	299,640	229,280	169,220
BCD0700M^ABX	6HE-35Y	683,500	619,600	559,940	503,220	450,980	401,640	356,240	274,940	205,500
BCD0800M^ABX	6GE-40Y	819,640	744,960	673,700	607,200	544,000	485,860	431,380	335,580	253,580
BCD1100M^ABX	6FE-50Y	944,320	857,060	775,560	698,300	626,500	558,600	495,040	383,280	287,720

Notes:

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-407C

Medium Temperature Models - Dual Bitzer Compressors (cont.)

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-407C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	40°F	35°F	30°F	25°F	20°F	15°F	10°F	0°F	-10°F
BCD0300M^ABX	4PES-15Y	284,560	256,340	229,880	204,600	181,660	160,180	140,480	106,040	76,680
BCD0400M^ABX	4NES-20Y	328,040	296,480	266,200	238,340	212,560	188,320	166,120	126,560	-
BCD0440M^ABX	4JE-22Y	-	328,880	295,260	263,300	234,160	206,340	180,900	135,200	95,820
BCD0500M^ABX	4HE-25Y	-	-	347,500	310,960	277,300	246,200	216,640	163,520	117,840
BCD0600M^ABX	4GE-30Y	523,900	475,040	428,240	384,260	342,740	304,240	268,660	204,960	149,980
BCD0660M^ABX	6JE-33Y	537,940	485,500	436,580	390,980	347,680	307,680	271,340	206,620	151,380
BCD0700M^ABX	6HE-35Y	-	566,700	511,840	459,960	411,700	366,020	323,900	249,480	185,520
BCD0800M^ABX	6GE-40Y	754,760	685,880	619,940	558,440	500,020	446,380	396,000	307,600	232,080
BCD1100M^ABX	6FE-50Y	-	-	710,280	639,060	572,840	510,140	451,880	349,080	261,020

Notes:

HEAD FAN REQUIRED

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-404A/R-507A

Low Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-404A/R-507A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	223,400	199,100	176,480	155,640	136,160	118,200	101,660	86,320	72,220
BCD0300L^ABX	4HE-18Y	261,700	233,860	208,040	184,060	161,640	140,920	121,840	104,040	87,680
BCD0400L^ABX	4GE-23Y	300,160	270,080	241,200	214,280	189,100	165,900	144,220	124,120	105,400
BCD0440L^ABX	6JE-25Y	313,680	280,660	250,480	222,020	195,000	170,240	147,220	125,840	105,860
BCD0500L^ABX	6HE-28Y	362,980	326,540	292,520	260,420	229,620	200,920	174,620	149,880	126,860
BCD0600L^ABX	6GE-34Y	412,580	375,600	339,400	305,180	272,400	241,360	211,980	183,900	157,920
BCD0800L^ABX	6FE-44Y	526,880	475,680	427,360	380,460	336,320	295,000	256,860	220,920	187,340

R-404A/R-507A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	**4JE-15Y**	**212,360**	**189,260**	**167,820**	**147,640**	**128,960**	**111,600**	**95,760**	**81,120**	**67,600**
BCD0300L^ABX	**4HE-18Y**	**249,080**	**222,700**	**197,840**	**174,920**	**153,480**	**133,620**	**115,340**	**98,260**	**82,580**
BCD0400L^ABX	**4GE-23Y**	**285,640**	**257,100**	**229,640**	**203,960**	**180,120**	**157,760**	**137,060**	**117,820**	**99,920**
BCD0440L^ABX	**6JE-25Y**	**297,880**	**266,500**	**237,620**	**210,100**	**184,440**	**160,800**	**138,740**	**118,100**	**99,080**
BCD0500L^ABX	**6HE-28Y**	**344,460**	**309,900**	**277,600**	**246,980**	**217,840**	**190,120**	**165,000**	**141,300**	**119,100**
BCD0600L^ABX	**6GE-34Y**	**391,080**	**356,380**	**322,240**	**289,940**	**258,880**	**229,360**	**201,140**	**174,500**	**149,640**
BCD0800L^ABX	**6FE-44Y**	**500,940**	**452,520**	**406,660**	**361,700**	**319,740**	**280,480**	**243,640**	**209,040**	**176,660**

R-404A/R-507A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	201,680	179,380	158,940	139,660	121,780	105,220	89,960	75,940	63,000
BCD0300L^ABX	4HE-18Y	236,320	211,120	187,580	165,760	145,300	126,320	108,720	92,520	77,520
BCD0400L^ABX	4GE-23Y	271,020	243,960	218,260	193,560	170,920	149,580	129,900	111,540	94,480
BCD0440L^ABX	6JE-25Y	281,740	252,220	225,080	198,720	174,180	151,380	130,280	110,520	92,340
BCD0500L^ABX	6HE-28Y	325,760	293,100	262,560	233,440	205,440	179,580	155,360	132,700	111,440
BCD0600L^ABX	6GE-34Y	369,120	336,840	304,780	274,420	245,580	216,880	190,340	165,180	141,240
BCD0800L^ABX	6FE-44Y	474,700	429,060	385,560	342,780	302,960	265,520	230,260	197,040	165,660

R-404A/R-507A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	179,500	159,860	141,200	123,740	107,440	92,300	78,500	65,740	53,940
BCD0300L^ABX	4HE-18Y	210,780	188,080	167,300	147,440	128,960	111,640	95,820	81,140	67,540
BCD0400L^ABX	4GE-23Y	241,800	217,620	194,360	172,880	152,400	133,340	115,640	99,120	83,640
BCD0440L^ABX	6JE-25Y	249,280	223,540	198,660	175,220	153,360	132,720	113,380	95,580	79,080
BCD0500L^ABX	6HE-28Y	287,300	259,300	232,700	206,360	181,400	158,000	136,120	115,400	96,240
BCD0600L^ABX	6GE-34Y	-	297,180	269,280	242,820	217,400	192,460	168,500	145,780	124,120
BCD0800L^ABX	6FE-44Y	421,280	381,280	342,080	304,820	269,280	235,240	203,180	172,660	143,920

Notes:

HEAD FAN REQUIRED

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-448A/R-449A

Low Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-448A/R-449A		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	201,660	176,960	154,640	134,040	115,240	98,100	82,420	68,060	54,860
BCD0300L^ABX	4HE-18Y	236,920	208,860	182,940	159,280	137,520	117,640	99,540	82,780	67,380
BCD0400L^ABX	4GE-23Y	274,820	242,840	213,820	186,840	162,240	139,600	118,920	99,820	82,100
BCD0440L^ABX	6JE-25Y	287,540	253,520	222,320	193,140	166,660	142,420	120,320	99,840	81,040
BCD0500L^ABX	6HE-28Y	335,200	296,560	260,880	227,460	196,900	169,020	143,380	119,720	97,720
BCD0600L^ABX	6GE-34Y	391,140	349,520	310,380	273,720	239,300	207,360	177,920	150,760	125,300
BCD0800L^ABX	6FE-44Y	486,680	431,880	380,560	332,820	288,820	248,540	211,420	176,980	145,040

R-448A/R-449A		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	**4JE-15Y**	**192,880**	**169,100**	**147,520**	**127,620**	**109,420**	**92,760**	**77,700**	**63,840**	**51,100**
BCD0300L^ABX	**4HE-18Y**	**227,140**	**199,900**	**174,860**	**152,040**	**131,040**	**111,860**	**94,320**	**78,220**	**63,360**
BCD0400L^ABX	**4GE-23Y**	**263,580**	**232,880**	**204,860**	**178,880**	**155,160**	**133,380**	**113,440**	**95,040**	**77,960**
BCD0440L^ABX	**6JE-25Y**	**274,980**	**242,100**	**211,860**	**183,620**	**158,120**	**134,720**	**113,260**	**93,620**	**75,520**
BCD0500L^ABX	**6HE-28Y**	**320,960**	**283,240**	**249,000**	**216,700**	**187,220**	**160,360**	**135,620**	**112,780**	**91,520**
BCD0600L^ABX	**6GE-34Y**	**374,680**	**334,580**	**297,120**	**262,080**	**228,900**	**198,080**	**169,820**	**143,420**	**-**
BCD0800L^ABX	**6FE-44Y**	**466,820**	**414,060**	**364,240**	**318,440**	**275,840**	**236,880**	**200,860**	**167,400**	**136,140**

R-448A/R-449A		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	184,200	161,200	140,400	121,180	103,620	87,520	72,980	59,620	47,360
BCD0300L^ABX	4HE-18Y	217,180	190,920	166,980	144,840	124,580	106,100	89,180	73,680	-
BCD0400L^ABX	4GE-23Y	252,320	223,100	195,880	170,900	148,140	127,160	108,000	90,300	-
BCD0440L^ABX	6JE-25Y	262,460	230,720	201,220	174,160	149,620	127,040	106,360	87,440	-
BCD0500L^ABX	6HE-28Y	305,820	270,100	237,100	206,260	177,540	151,660	127,820	105,800	-
BCD0600L^ABX	6GE-34Y	357,920	319,860	283,920	250,260	218,120	188,660	161,460	135,940	-
BCD0800L^ABX	6FE-44Y	446,860	396,100	348,240	303,900	262,760	225,100	190,180	157,700	-

R-448A/R-449A		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	166,920	145,780	126,280	108,400	91,980	77,140	63,620	51,320	-
BCD0300L^ABX	4HE-18Y	197,440	173,100	150,980	130,500	111,760	94,660	79,020	64,700	-
BCD0400L^ABX	4GE-23Y	229,920	203,060	178,040	155,220	134,160	114,900	97,180	80,980	-
BCD0440L^ABX	6JE-25Y	237,520	208,280	181,080	155,800	132,840	111,740	92,680	-	-
BCD0500L^ABX	6HE-28Y	276,720	244,220	213,280	184,560	158,420	134,300	112,220	-	-
BCD0600L^ABX	6GE-34Y	-	-	257,060	226,180	196,880	-	-	-	-
BCD0800L^ABX	6FE-44Y	407,300	359,940	316,000	274,560	236,640	201,280	168,620	-	-

Notes:
Head Fan Required For All Operating Conditions
Maximum Suction Gas Superheat < =35F
^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-407A/R-407F

Low Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-407A/R-407F		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	196,120	171,160	148,360	127,040	107,340	89,120	72,400	56,880	42,460
BCD0300L^ABX	4HE-18Y	232,720	203,860	177,180	152,640	129,740	108,600	89,020	70,880	53,940
BCD0400L^ABX	4GE-23Y	273,280	240,540	210,520	182,300	156,360	132,220	109,860	88,980	69,380
BCD0440L^ABX	6JE-25Y	278,760	244,640	212,520	182,640	155,060	129,240	105,160	82,780	61,820
BCD0500L^ABX	6HE-28Y	331,440	292,000	255,300	220,420	187,740	157,840	129,900	103,620	79,080
BCD0600L^ABX	6GE-34Y	371,580	327,900	287,500	249,560	213,480	179,580	148,520	119,080	91,240
BCD0800L^ABX	6FE-44Y	472,820	416,680	363,420	314,140	268,640	226,220	186,980	150,320	115,820

R-407A/R-407F		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	**4JE-15Y**	**186,700**	**162,840**	**140,680**	**120,160**	**101,220**	**83,700**	**67,700**	**52,840**	**39,080**
BCD0300L^ABX	**4HE-18Y**	**222,040**	**194,260**	**168,700**	**144,860**	**122,840**	**102,520**	**83,760**	**66,360**	**50,220**
BCD0400L^ABX	**4GE-23Y**	**261,520**	**230,020**	**200,940**	**173,800**	**148,860**	**125,620**	**104,160**	**84,160**	**65,400**
BCD0440L^ABX	**6JE-25Y**	**265,160**	**232,700**	**201,560**	**172,540**	**146,100**	**121,140**	**98,220**	**76,820**	**56,920**
BCD0500L^ABX	**6HE-28Y**	**315,920**	**277,980**	**242,520**	**208,880**	**177,820**	**148,960**	**122,160**	**96,980**	**73,520**
BCD0600L^ABX	**6GE-34Y**	**353,280**	**312,160**	**273,300**	**236,680**	**201,940**	**169,780**	**139,780**	**111,620**	**85,020**
BCD0800L^ABX	**6FE-44Y**	**451,600**	**397,460**	**346,060**	**298,740**	**254,920**	**214,220**	**176,580**	**141,440**	**108,520**

R-407A/R-407F		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	177,380	154,400	133,100	113,340	95,160	78,360	63,040	48,900	35,760
BCD0300L^ABX	4HE-18Y	211,700	184,720	160,140	137,200	116,040	96,560	78,560	61,940	46,540
BCD0400L^ABX	4GE-23Y	249,820	219,560	191,540	165,420	141,440	119,120	98,560	79,400	61,480
BCD0440L^ABX	6JE-25Y	251,720	220,360	190,780	162,920	137,280	113,360	91,400	70,980	52,040
BCD0500L^ABX	6HE-28Y	300,560	264,000	229,980	197,660	167,900	140,180	114,540	90,480	68,100
BCD0600L^ABX	6GE-34Y	336,080	296,640	259,320	224,080	190,740	159,960	131,260	104,180	78,920
BCD0800L^ABX	6FE-44Y	430,580	378,300	329,520	283,520	241,460	202,360	166,320	132,600	101,380

R-407A/R-407F		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	159,020	137,900	118,240	100,060	83,280	67,980	54,020	41,220	29,340
BCD0300L^ABX	4HE-18Y	190,760	165,960	143,360	122,220	102,780	84,840	68,480	53,360	39,440
BCD0400L^ABX	4GE-23Y	226,880	199,180	173,100	149,180	127,000	106,520	87,700	70,240	53,940
BCD0440L^ABX	6JE-25Y	225,380	196,000	168,820	143,680	120,160	98,240	78,260	59,820	42,660
BCD0500L^ABX	6HE-28Y	270,520	236,900	205,560	175,820	148,620	123,240	99,820	77,920	57,680
BCD0600L^ABX	6GE-34Y	-	266,320	232,460	199,520	169,280	140,980	114,780	90,140	67,260
BCD0800L^ABX	6FE-44Y	389,840	340,640	295,920	254,160	215,320	179,480	146,540	115,840	87,440

Notes:

Liquid Injection via CIC is Required

Head Fan Required for All Operating Conditions

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A1 PERFORMANCE DATA – R-407C

Low Temperature Models - Dual Bitzer Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

R-407C		Capacity BTUH @ 90°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	170,300	147,240	125,960	-	-	-	-	-	-
BCD0300L^ABX	4HE-18Y	202,980	176,280	151,660	-	-	-	-	-	-
BCD0400L^ABX	4GE-23Y	232,640	202,120	174,320	-	-	-	-	-	-
BCD0440L^ABX	6JE-25Y	243,960	211,960	181,560	-	-	-	-	-	-
BCD0500L^ABX	6HE-28Y	291,400	253,680	218,580	-	-	-	-	-	-
BCD0600L^ABX	6GE-34Y	329,860	287,420	248,540	-	-	-	-	-	-
BCD0800L^ABX	6FE-44Y	419,240	364,940	315,300	-	-	-	-	-	-

R-407C		Capacity BTUH @ 95°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	**4JE-15Y**	**162,380**	**140,080**	**119,440**	-	-	-	-	-	-
BCD0300L^ABX	**4HE-18Y**	**194,020**	**168,200**	**144,180**	-	-	-	-	-	-
BCD0400L^ABX	**4GE-23Y**	**222,420**	**192,840**	**165,960**	-	-	-	-	-	-
BCD0440L^ABX	**6JE-25Y**	**232,380**	**201,320**	**172,200**	-	-	-	-	-	-
BCD0500L^ABX	**6HE-28Y**	**277,900**	**241,600**	**207,860**	-	-	-	-	-	-
BCD0600L^ABX	**6GE-34Y**	**315,000**	**273,700**	**236,280**	-	-	-	-	-	-
BCD0800L^ABX	**6FE-44Y**	**401,160**	**348,820**	**300,500**	-	-	-	-	-	-

R-407C		Capacity BTUH @ 100°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	154,520	132,760	112,940	-	-	-	-	-	-
BCD0300L^ABX	4HE-18Y	185,280	160,120	136,840	-	-	-	-	-	-
BCD0400L^ABX	4GE-23Y	212,520	183,860	157,640	-	-	-	-	-	-
BCD0440L^ABX	6JE-25Y	220,880	190,500	162,760	-	-	-	-	-	-
BCD0500L^ABX	6HE-28Y	264,820	229,700	197,060	-	-	-	-	-	-
BCD0600L^ABX	6GE-34Y	299,720	260,260	224,100	-	-	-	-	-	-
BCD0800L^ABX	6FE-44Y	383,100	332,660	285,760	-	-	-	-	-	-

R-407C		Capacity BTUH @ 110°F Ambient by SST								
Model	Compressor	0°F	-5°F	-10°F	-15°F	-20°F	-25°F	-30°F	-35°F	-40°F
BCD0260L^ABX	4JE-15Y	138,900	118,580	100,120	-	-	-	-	-	-
BCD0300L^ABX	4HE-18Y	167,560	144,080	-	-	-	-	-	-	-
BCD0400L^ABX	4GE-23Y	-	-	-	-	-	-	-	-	-
BCD0440L^ABX	6JE-25Y	-	-	-	-	-	-	-	-	-
BCD0500L^ABX	6HE-28Y	-	-	-	-	-	-	-	-	-
BCD0600L^ABX	6GE-34Y	-	-	-	-	-	-	-	-	-
BCD0800L^ABX	6FE-44Y	-	-	-	-	-	-	-	-	-

Notes:

Head Fan Required

^ C = 208-230/3/60, D = 460/3/60, K=230/3/60

A2L UNIT SPECIFICATIONS

Medium & Low Temperature Models - Dual Bitzer Semi-Hermetic Compressors

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	Compressor	Refrigerant Line Connections (OD)				Rec. Capacity @90% full (lbs)		Condenser Fan Data		Dimensions (In.)			Net Wt.
		Standard (2 Each)		Parallel Piped									
		Liquid	Suction	Liquid	Suction	Standard (2 Each)	Parallel Piped	No. Fans	Dia.	Length	Width	Height	(lbs.)
BCD0260L^ABX	4JE-15Y	1-1/8	1-5/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	*3,760*
BCD0300L^ABX	4HE-18Y	1-1/8	1-5/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	*3,820*
BCD0400L^ABX	4GE-23Y	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	*3,820*
BCD0440L^ABX	6JE-25Y	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	*3,950*
BCD0500L^ABX	6HE-28Y	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	*3,960*
BCD0600L^ABX	6GE-34Y	1-1/8	2-1/8	1-3/8	3-1/8	123	269	4	30"	170.7	91.5	53.9	*3,980*
BCD0800L^ABX	6FE-44Y	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	*4,840*
BCD0300M^ABV	4PES-15Y	1-1/8	1-5/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	*3,470*
BCD0400M^ABV	4NES-20Y	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	*3,580*
BCD0440M^ABV	4JE-22Y	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	*3,760*
BCD0500M^ABV	4HE-25Y	1-1/8	2-1/8	1-3/8	2-5/8	123	269	4	30"	170.7	91.5	53.9	*3,820*
BCD0600M^ABV	4GE-30Y	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	*4,680*
BCD0660M^ABV	6JE-33Y	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	*4,790*
BCD0700M^ABV	6HE-35Y	1-1/8	2-1/8	1-5/8	3-1/8	188	363	6	30"	225.7	91.5	53.9	*4,810*
BCD0800M^ABV	6GE-40Y	1-1/8	2-1/8	1-5/8	3-1/8	188	363	8	30"	280	91.5	54.9	*5,510*
BCD1100M^ABV	6FE-50Y	1-1/8	2-5/8	1-5/8	3-1/8	188	363	8	30"	280	91.5	54.9	*5,520*

Notes:
^ C = 208-230/3/60, D = 460/3/60

A1 UNIT SPECIFICATIONS

Medium & Low Temperature Models

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	Compressor	Refrigerant Line Connections (OD)				Rec. Capacity @90% full (lbs)			Condenser Fan Data		Dimensions (In.)			Net Wt.
		Standard (2 Each)		Parallel Piped										
		Liquid	Suction	Liquid	Suction	Standard (2 Each)	Opt. (2 Each)	Parallel Piped	No. Fans	Dia.	Length	Width	Height	(lbs.)
BCD0260L^ABX	4JE-15Y	1-1/8	1-5/8	1-3/8	3-1/8	123	81	269	4	30"	170.7	91.5	53.9	3,710
BCD0300L^ABX	4HE-18Y	1-1/8	1-5/8	1-3/8	3-1/8	123	81	269	4	30"	170.7	91.5	53.9	3,730
BCD0400L^ABX	4GE-23Y	1-1/8	2-1/8	1-3/8	3-1/8	123	81	269	4	30"	170.7	91.5	53.9	3,770
BCD0440L^ABX	6JE-25Y	1-1/8	2-1/8	1-3/8	3-1/8	123	81	269	4	30"	170.7	91.5	53.9	3,860
BCD0500L^ABX	6HE-28Y	1-1/8	2-1/8	1-3/8	3-1/8	123	81	269	4	30"	170.7	91.5	53.9	3,910
BCD0600L^ABX	6GE-34Y	1-1/8	2-1/8	1-3/8	3-1/8	123	81	269	4	30"	170.7	91.5	53.9	3,930
BCD0800L^ABX	6FE-44Y	1-1/8	2-1/8	1-3/8	3-1/8	188	81	363	6	30"	225.7	91.5	53.9	4,790
BCD0300M^ABX	4PES-15Y	1-1/8	1-5/8	1-3/8	2-5/8	123	81	188	4	30"	170.7	91.5	53.9	3,430
BCD0400M^ABX	4NES-20Y	1-1/8	2-1/8	1-3/8	2-5/8	123	81	188	4	30"	170.7	91.5	53.9	3,530
BCD0440M^ABX	4JE-22Y	1-1/8	2-1/8	1-3/8	2-5/8	123	81	269	4	30"	170.7	91.5	53.9	3,710
BCD0500M^ABX	4HE-25Y	1-1/8	2-1/8	1-3/8	2-5/8	123	81	269	4	30"	170.7	91.5	53.9	3,770
BCD0600M^ABX	4GE-30Y	1-1/8	2-1/8	1-5/8	3-1/8	188	123	269	6	30"	225.7	91.5	53.9	4,630
BCD0660M^ABX	6JE-33Y	1-1/8	2-1/8	1-5/8	3-1/8	188	123	269	6	30"	225.7	91.5	53.9	4,740
BCD0700M^ABX	6HE-35Y	1-1/8	2-1/8	1-5/8	3-1/8	188	123	363	6	30"	225.7	91.5	53.9	4,760
BCD0800M^ABX	6GE-40Y	1-1/8	2-1/8	1-5/8	3-1/8	188	123	363	8	30"	280.0	91.5	54.9	5,460
BCD1100M^ABX	6FE-50Y	1-1/8	2-5/8	1-5/8	3-1/8	188	123	363	8	30"	280.0	91.5	54.9	5,480

Notes:
^ C = 208-230/3/60, D = 460/3/60

A2L ELECTRICAL DATA

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressor/208-230V

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	CMPR	Condensing Unit						Remote Loads							
								2 Contactors				1 Contactor			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300MCABV	4PES-15Y	48.7	294	4	14.0	123.6	150	25	96	240.0	250	25	96	240.0	250
BCD0400MCABV	4NES-20Y	57.7	352	4	14.0	143.8	200	25	96	240.0	250	25	96	240.0	250
BCD0440MCABV	4JE-22Y	61.5	352	4	14.0	152.4	200	25	108	270.0	300	20	96	240.0	250
BCD0500MCABV	4HE-25Y	75.6	436	4	14.0	184.1	250	30	136.4	341.0	350	—	—	—	—
BCD0600MCABV	4GE-30Y	89.7	490	6	21.0	222.8	300	—	—	—	—	—	—	—	—
BCD0660MCABV	6JE-33Y	100.0	550	6	21.0	246.0	300	—	—	—	—	—	—	—	—
BCD0700MCABV	6HE-35Y	105.1	550	6	21.0	257.5	350	—	—	—	—	—	—	—	—
BCD0800MCABV	6GE-40Y	141.0	700	8	28.0	345.3	450	—	—	—	—	—	—	—	—
BCD1100MCABV	6FE-50Y	143.6	950	8	28.0	351.1	450	—	—	—	—	—	—	—	—

Notes:
^ C = 208-230/3/60

A2L ELECTRICAL DATA

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressor/460V

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	CMPR	Condensing Unit						Remote Loads							
								2 Contactors				1 Contactor			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300MDABV	4PES-15Y	24.4	147	4	6.8	61.7	80	15	56.8	142.0	150	15	48	120.0	125
BCD0400MDABV	4NES-20Y	28.8	176	4	6.8	71.6	100	15	56.8	142.0	150	15	48	120.0	125
BCD0440MDABV	4JE-22Y	30.8	176	4	6.8	76.1	100	15	56.8	142.0	150	15	48	120.0	125
BCD0500MDABV	4HE-25Y	37.8	218	4	6.8	91.9	125	20	67	167.5	175	15	68.2	170.5	175
BCD0600MDABV	4GE-30Y	44.9	245	6	10.2	111.2	150	20	77	192.5	200	20	77	192.5	200
BCD0660MDABV	6JE-33Y	50.0	275	6	10.2	122.7	150	20	77	192.5	200	20	77	192.5	200
BCD0700MDABV	6HE-35Y	52.6	275	6	10.2	128.5	175	20	84	210.0	225	20	84	210.0	225
BCD0800MDABV	6GE-40Y	70.5	350	8	13.6	172.2	225	20	96	240.0	250	20	96	240.0	250
BCD1100MDABV	6FE-50Y	71.8	425	8	13.6	175.2	225	20	96	240.0	250	20	96	240.0	250

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
Ratings shown at 60Hz. Consult factory for 50Hz applications
intelliGen™ and Air Defrost Units do not carry any of the evaporator fan or heater loads.
Power is supplied directly to the evaporators and does not go through the condensing unit. An evaporator heater hold out relay (option) is recommended when two or more evaporators are connected to a single (BCD) condensing unit to allow termination on coils that have already defrosted to prevent unnecessary steaming. This option is not needed on A0400 intelliGen™ systems wired for a Master / Slave operation.
Power is supplied to each intelliGen™ evaporator. volt electrical specification.
Each coil terminates its own defrost. Refrigeration will not start until all coils have terminated defrost.

A2L ELECTRICAL DATA

Low Temperature Models - Dual Bitzer Semi-Hermetic Compressor/208-230V

Please consult AWEF table on page 59 to confirm DOE compliance per model

		Condensing Unit						Remote Loads							
								2 Contactors				1 Contactor			
Model	CMPR	Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0260LCABV	4JE-15Y	50.0	352	4	14.0	126.5	175	22	64	170.5	200	15	48	156.5	200
BCD0300LCABV	4HE-18Y	54.1	352	4	14.0	135.7	175	25	83	207.5	225	15	48	165.7	200
BCD0400LCABV	4GE-23Y	57.7	352	4	26.4	156.2	200	25	105	262.5	300	15	48	186.2	225
BCD0440LCABV	6JE-25Y	71.0	490	4	14.0	173.8	225	25	105	262.5	300	15	48	203.8	250
BCD0500LCABV	6HE-28Y	77.6	490	4	26.4	201.0	250	25	106	265.0	300	20	96	241.0	300
BCD0600LCABV	6GE-34Y	84.6	490	4	14.0	204.4	250	30	159.1	397.8	400	20	96	244.4	300
BCD0800LCABV	6FE-44Y	97.4	700	6	21.0	240.2	300	30	159.1	397.8	400	20	96	280.2	350

A2L ELECTRICAL DATA

Low Temperature Models - Dual Bitzer Semi-Hermetic Compressor/460V

Please consult AWEF table on page 59 to confirm DOE compliance per model

		Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
Model	CMPR	Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0260LDABV	4JE-15Y	25.0	176	4	6.8	63.0	80	15	38	95.0	110	10	24	83.1	100
BCD0300LDABV	4HE-18Y	27.1	176	4	6.8	67.8	90	15	48	120.0	125	15	40	100.0	110
BCD0400LDABV	4GE-23Y	28.8	176	4	13.2	78.0	100	15	56.8	142.0	150	15	48	120.0	125
BCD0440LDABV	6JE-25Y	35.5	245	4	6.8	86.7	110	15	56.8	142.0	150	15	48	120.0	150
BCD0500LDABV	6HE-28Y	38.8	245	4	13.2	100.5	125	15	64	160.0	175	15	48	130.5	150
BCD0600LDABV	6GE-34Y	42.3	245	4	6.8	102.0	125	20	76	190.0	200	15	48	132.0	150
BCD0800LDABV	6FE-44Y	48.7	350	6	10.2	119.8	150	20	76	190.0	200	15	48	149.8	175

Notes:
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
Ratings shown at 60Hz. Consult factory for 50Hz applications
intelliGen™ and Air Defrost Units do not carry any of the evaporator fan or heater loads.
Power is supplied directly to the evaporators and does not go through the condensing unit. An evaporator heater hold out relay (option) is recommended when two or more evaporators are connected to a single (BCD) condensing unit to allow termination on coils that have already defrosted to prevent unnecessary steaming. This option is not needed on A0400 intelliGen™ systems wired for a Master / Slave operation.
Power is supplied to each intelliGen™ evaporator. volt electrical specification.
Each coil terminates its own defrost. Refrigeration will not start until all coils have terminated defrost.

A1 ELECTRICAL DATA

Medium Temperature Models - Dual Bitzer Compressor/208-230V

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	CMPR	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300M^ABX	4PES-15Y	48.7	294	4	14	123.6	150	25	96	240.0	250.0	25	96	240.0	250.0
BCD0400M^ABX	4NES-20Y	57.7	352	4	14	143.8	200	25	96	240.0	250.0	25	96	240.0	250.0
BCD0440M^ABX	4JE-22Y	61.5	352	4	14	152.5	200	25	108	270.0	300.0	20	96	240.0	250.0
BCD0500M^ABX	4HE-25Y	75.6	436	4	14	184.2	250	30	136.4	341.0	350.0	-	-	-	-
BCD0600M^ABX	4GE-30Y	89.7	490	6	21	222.9	300	-	-	-	-	-	-	-	-
BCD0660M^ABX	6JE-33Y	100.0	550	6	21	246.0	300	-	-	-	-	-	-	-	-
BCD0700M^ABX	6HE-35Y	105.1	550	6	21	257.5	350	-	-	-	-	-	-	-	-
BCD0800M^ABX	6GE-40Y	141.0	700	8	28	345.3	450	-	-	-	-	-	-	-	-
BCD01100M^ABX	6FE-50Y	143.6	950	8	28	351.1	450	-	-	-	-	-	-	-	-

Notes:
^ C = 208-230/3/60

A1 ELECTRICAL DATA

Medium Temperature Models - Dual Bitzer Compressor/460V

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	CMPR	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0300M^ABX	4PES-15Y	24.4	147	4	6.8	61.6	80	15	56.8	142.0	150.0	15	48	120.0	125.0
BCD0400M^ABX	4NES-20Y	28.8	176	4	6.8	71.7	100	15	56.8	142.0	150.0	15	48	120.0	125.0
BCD0440M^ABX	4JE-22Y	30.8	176	4	6.8	76.0	100	15	56.8	142.0	150.0	15	48	120.0	125.0
BCD0500M^ABX	4HE-25Y	37.8	218	4	6.8	91.9	125	20	67	167.5	175.0	15	68.2	170.5	175.0
BCD0600M^ABX	4GE-30Y	44.9	245	6	10.2	111.2	150	20	77	192.5	200.0	20	77	192.5	200.0
BCD0660M^ABX	6JE-33Y	50.0	275	6	10.2	122.7	150	20	77	192.5	200.0	20	77	192.5	200.0
BCD0700M^ABX	6HE-35Y	52.6	275	6	10.2	128.5	175	20	84	210.0	225.0	20	84	210.0	225.0
BCD0800M^ABX	6GE-40Y	70.5	350	8	13.6	172.3	225	20	96	240.0	250.0	20	96	240.0	250.0
BCD01100M^ABX	6FE-50Y	71.8	425	8	13.6	175.1	225	20	96	240.0	250.0	20	96	240.0	250.0

Notes:
^ D =460/3/60
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
Ratings shown at 60Hz. Consult factory for 50Hz applications
intelliGen™ and Air Defrost Units do not carry any of the evaporator fan or heater loads.
Power is supplied directly to the evaporators and does not go through the condensing unit. An evaporator heater hold out relay (option) is recommended when two or more evaporators are connected to a single (BCD) condensing unit to allow termination on coils that have already defrosted to prevent unnecessary steaming. This option is not needed on A0400 intelliGen™ systems wired for a Master / Slave operation.
Power is supplied to each intelliGen™ evaporator. volt electrical specification.
Each coil terminates its own defrost. Refrigeration will not start until all coils have terminated defrost.

A1 ELECTRICAL DATA

Low Temperature Models - Dual Bitzer Compressor/208-230V

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	CMPR	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0260L^ABX	4JE-15Y	50.0	352	4	14	126.5	175	22	64	170.5	200.0	15	48	156.5	200.0
BCD0300L^ABX	4HE-18Y	54.1	352	4	14	135.7	175	25	83	207.5	225.0	15	48	165.7	200.0
BCD0400L^ABX	4GE-23Y	57.7	352	4	14	143.8	200	25	105	262.5	300.0	15	48	173.5	225.0
BCD0440L^ABX	6JE-25Y	71.0	490	4	14	173.8	225	25	105	262.5	300.0	15	48	203.8	250.0
BCD0500L^ABX	6HE-28Y	77.6	490	4	14	188.5	250	25	106	265.0	300.0	20	96	240.0	300.0
BCD0600L^ABX	6GE-34Y	84.6	490	4	14	204.4	250	30	159.1	397.8	400.0	20	96	244.4	300.0
BCD0800L^ABX	6FE-44Y	97.4	700	6	21	240.2	300	30	159.1	397.8	400.0	20	96	280.2	350.0

Notes:
^ C = 208-230/3/60

A1 ELECTRICAL DATA

Low Temperature Models - Dual Bitzer Compressor/460V

Please consult AWEF table on page 59 to confirm DOE compliance per model

Model	CMPR	Condensing Unit						Remote Loads							
								2 Contactors†				1 Contactor†			
		Compressor		Condenser		Air Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost		Evap. Fan Amps	Defrost Htrs. Amps	Electric Defrost	
		RLA (Each)	LRA (Each)	No. Fans	FLA (Total)	MCA	MOPD			MCA	MOPD			MCA	MOPD
BCD0260L^ABX	4JE-15Y	25.0	176	4	6.8	63.1	80	15	38	95.0	110.0	10	24	83.1	100.0
BCD0300L^ABX	4HE-18Y	27.1	176	4	6.8	67.7	90	15	48	120.0	125.0	15	40	100.0	110.0
BCD0400L^ABX	4GE-23Y	28.8	176	4	6.8	71.7	100	15	56.8	142.0	150.0	15	48	120.0	125.0
BCD0440L^ABX	6JE-25Y	35.5	245	4	6.8	86.7	110	15	56.8	142.0	150.0	15	48	120.0	150.0
BCD0500L^ABX	6HE-28Y	38.8	245	4	6.8	94.1	125	15	64	160.0	175.0	15	48	124.1	150.0
BCD0600L^ABX	6GE-34Y	42.3	245	4	6.8	102.0	125	20	76	190.0	200.0	15	48	132.0	150.0
BCD0800L^ABX	6FE-44Y	48.7	350	6	10.2	119.8	150	20	76	190.0	200.0	15	48	149.8	175.0

Notes:
^ D =460/3/60
MCA = Minimum Circuit Ampacity
MOP = Maximum Overcurrent Protection
Ratings shown at 60Hz. Consult factory for 50Hz applications
intelliGen™ and Air Defrost Units do not carry any of the evaporator fan or heater loads.
Power is supplied directly to the evaporators and does not go through the condensing unit.
An evaporator heater hold out relay (option) is recommended when two or more evaporators are connected to a single (BCD) condensing unit to allow termination on coils that have already defrosted to prevent unnecessary steaming. This option is not needed on A0400 intelliGen™ systems wired for a Master / Slave operation.
Power is supplied to each intelliGen™ evaporator. volt electrical specification.
Each coil terminates its own defrost. Refrigeration will not start until all coils have terminated defrost.

AWEF DATA – MEDIUM TEMPERATURE

Medium Temperature Models - Dual Bitzer Semi-Hermetic Compressors Parallel Piped

If model has a numerical value in the table below, the following statement applies:
This refrigeration system is designed and certified for use in walk-in cooler applications

Model	A2L			A1				
	R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A	R-407C	R-407F
BCD0300M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0400M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0440M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0500M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0600M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0660M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0700M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD0800M^AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6
BCD1100M*AB±A1500	X	7.6	7.6	7.6	7.6	7.6	7.6	7.6

Notes:
^ C = 208-230/3/60, D = 460/3/60
± V = A2L/A1 Discus Compressor, X = A1 Discus Compressor
X = model not suitable for this refrigerant
— = model is not DOE AWEF compliant

AWEF DATA – LOW TEMPERATURE

Low Temperature Models - Dual Bitzer Semi-Hermetic Compressors Parallel Piped

If model has a numerical value in the table below, the following statement applies:
This refrigeration system is designed and certified for use in walk-in cooler applications

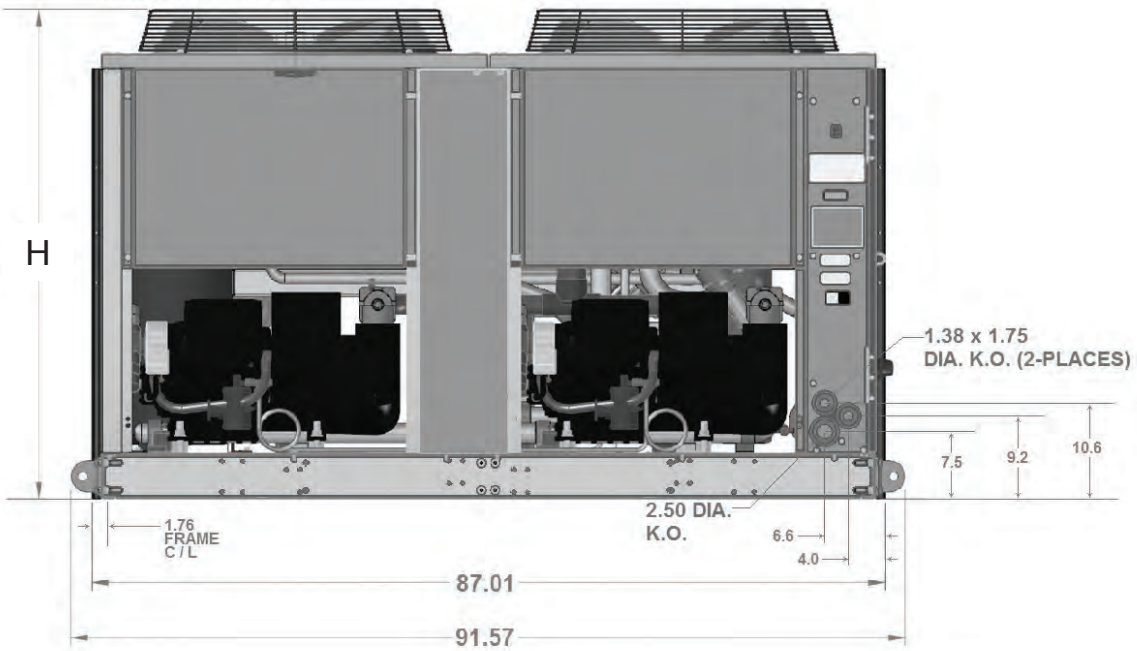
Model	A2L			A1				
	R-454A	R-454C	R-455A	R-404A/ R-507A	R-448A/ R-449A	R-407A	R-407C	R-407F
BCD0260L^AB±A1500	X	–	–	–	–	–	X	3.15
BCD0300L^AB±A1500	X	–	–	–	–	–	X	–
BCD0400L^AB±A1500	X	–	–	–	–	–	X	–
BCD0440L^AB±A1500	X	–	–	–	–	–	X	–
BCD0500L^AB±A1500	X	–	–	–	–	–	X	–
BCD0600L^AB±A1500	X	–	–	–	–	–	X	–
BCD0800L^AB±A1500	X	–	–	–	–	–	X	–

Notes:
^ C = 208-230/3/60, D = 460/3/60
± V = A2L/A1 Discus Compressor, X = A1 Discus Compressor
X = model not suitable for this refrigerant
— = model is not DOE AWEF compliant

DIMENSIONAL DRAWINGS

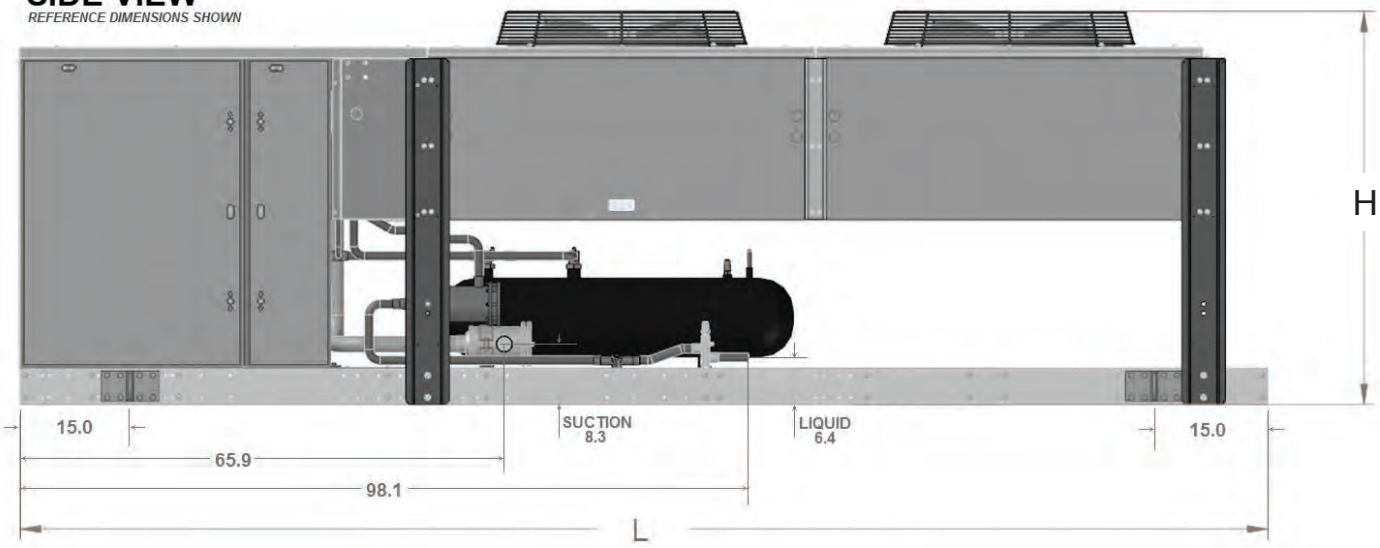
END VIEW

REFERENCE DIMENSIONS SHOWN



SIDE VIEW

REFERENCE DIMENSIONS SHOWN



Notes:
Unit length L and height H can be found in unit specification tables.

NOTES

NOTES

NOTES

2175 West Park Place Blvd.
Stone Mountain, GA 30087
Phone: 800.537.7775 · Fax: 770.465.5900
heatcraftrpd.com

Since product improvement is a continuing effort, we reserve the right to make changes in specifications without notice.

BN-DVCU-0225 | Version 008

©2025 Heatcraft Refrigeration Products LLC