DBH Commercial

Base Efficiency Heat Pump
Packaged Rooftop Unit
DBH Commercial
7.5 - 12.5 Nominal Tons
12.5 IEER / Up to 11.2 EER

5 YEAR PARTS LIMITED WARRANTY*

C ETL LISTED US Intertek

AHRI CERTIFIED

ISO 9001 ISO 14001 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com or www.daikinac.com

Our Perfect Package:

Harnessing energy-efficient performance, proven technology, and enhanced comfort for life.

Since becoming the first company in Japan to manufacture packaged air conditioning systems, in 1951, Daikin has supported comfortable indoor living based on the strengths and technologies that have led to the growth of the company becoming one of the world's largest manufacturers of HVAC products, systems and refrigerants.

Today, as a comprehensive global manufacturer of HVAC products and systems, the Daikin brand is committed to being recognized as a truly global and excellent company capable of continually creating new value for its customers. The company plans to pursue sustainable growth and foster business operations that consistently harmonize with the goals of improving indoor comfort.

The group philosophy of the company includes:

- Creating new value continuously for customers
- Developing world leading energy-saving technology
- Being a flexible and dynamic organization
- Allowing employees to be the driving force for the success of the company
- Fostering an atmosphere of best practices, boldness, and innovation
- Thinking and acting globally

Contents

For details on accessories refer to document **PM-LC-ACCESSORIES**

Nomenclature

D	B	H	120	3	V	XXX	C	X	A	X	X	X	X	X	X	X	X	A	*
1	2	3	4,5,6	7	8	9,10,11	12	13	14	15	16	17	18	19	20	21	22	23	24

Brand
D Daikin

Configuration
B New Base Efficiency

Application
C Cooling
G Gas Heat
H Heat Pump

Nominal Cooling Capacity
090 7½ Tons
102 8½ Tons
120 10 Tons
150 12½ Tons

Voltage
3 208-230/3/60
4 460/3/60
7 575/3/60

Supply Fan/Drive Type/Motor
V 2-speed Belt-Drive - Standard Static
S 2-speed Belt-Drive - High-Static

Nominal Heating Capacity

Gas/Electric	A/C	H/P Factory-Installed Electric Heat
210 210,000 BTU/h	XXX	No Heat
	015	15 kW
	016	15 kW
	030	30 kW
	031	30 kW
	045	45 kW
	046	45 kW

See product specifications for heat size(s) available for each capacity.

Refrigeration Systems
C Two-stage cooling modes

Heat Exchanger
X No options
A Standard Aluminized Exchanger
S Stainless Steel Exchanger

Controls
A Electromechanical controls

Revision Levels
Major & Minor

X No Options

Power Exhaust
X No Options
B Single-point power connection for Power Exhaust

X No Options

Service Options
X No Option
A Powered convenience outlet
B Non-powered convenience outlet
C Hinge Panels
D Hinged Panels and Powered convenience outlet
E Hinged Panels and non-powered convenience outlet

Electrical
X No Options
A Non-Fused Disconnect
B Phase Monitor
C Thru-the-base connections
E Non-Fused Disconnect and Phase Monitor
F Non-Fused Disconnect and Thru-the-base connections
H Phase Monitor and Thru-the-base connections
L Non-Fused Disconnect, Thru-the-base connections and Phase Monitor

Economizer
X No Options
A Ultra Low-Leak Downflow Economizer w/Enthalpy Sensor
B Low-Leak Downflow Economizer w/Enthalpy Sensor
G Ultra Low-Leak Downflow Economizer w/Dry Bulb Sensor
H Low-Leak Downflow Economizer w/Dry Bulb Sensor

Hail guard
X No Options
C Hail Guard

Sensors
X No Options
A RA Smoke Detector
B SA Smoke Detector
C RA & SA Smoke Detector

HP Stocking Models
New Daikin 7.5-12.5 Ton Belt-Drive

Model Number	Code String
DBH0903V000001S	DBH0903VXXXCXAXXXXXXXX
DBH0904V000001S	DBH0904VXXXCXAXXXXXXXX
DBH0907V000001S	DBH0907VXXXCXAXXXXXXXX
DBH1023V000001S	DBH1023VXXXCXAXXXXXXXX
DBH1024V000001S	DBH1024VXXXCXAXXXXXXXX
DBH1027V000001S	DBH1027VXXXCXAXXXXXXXX
DBH1203V000001S	DBH1203VXXXCXAXXXXXXXX
DBH1204V000001S	DBH1204VXXXCXAXXXXXXXX
DBH1207V000001S	DBH1207VXXXCXAXXXXXXXX
DBH1503V000001S	DBH1503VXXXCXAXXXXXXXX
DBH1504V000001S	DBH1504VXXXCXAXXXXXXXX
DBH1507V000001S	DBH1507VXXXCXAXXXXXXXX

Daikin Packaged Rooftop Units (RTUs) are built to perform, with features and options that help provide low installation and operation costs, superior indoor air quality, efficient operation, and longevity.

Installation

Daikin Packaged units are designed with fast and easy installation in mind and are ideal for both new construction and retrofit projects. Our packaged rooftop units are built to be a direct replacement for most rooftop units on the field without the need of a curb adapter, to be able to replace the unit in a shorter time and at a lower cost (compared to the previous design).

Cabinet Construction

Daikin packaged rooftop units are made with high quality galvanized steel with a powder-paint finish to provide higher corrosion resistance.

- Easy accessibility using our tool-less filter access.
- The interior surface in the indoor air section is fully insulated to prevent sweating and thermal losses, using our foil face fiberglass insulation which also omits exposed filter fibers into the airstream.
- 1" Raised flanged edges around the supply and return offer easy installation for the duct connections.

- The full perimeter base rail is built using heavy gauge galvanized steel for a stronger structural installation, the base rails are a minimum of 3 ½" tall and include holes to allow for overhead rigging and lifting with forklifts.
- Electrical lines and can be brought through the base of the unit or through the horizontal knockout for easy installation and accessibility on the field.

Compressor

High performance, low noise scroll compressors to match the required total load.

- Resiliently factory-mounted on rubber grommets for vibration isolation
- Refrigeration circuit includes both low- and high-pressure transducer, high pressure safety switch and temperature sensors for the suction and discharge.
- Unit is factory charged with environmentally friendly R-410A refrigerant.
- Dual single-stage scroll compressor
- Compressor location outside the condenser section to avoid air bypass.
- Internal overload protection included with compressor.

Supply Fan

Indoor forward curb fans paired with belt-drive motors provide an easy in the field belt and pulley adjustment for airflow control.

- Slide out forward curb fan for easy maintenance and replacement.
- High-static drive options for application with high airflow/ static requirements.
- Each fan assembly is dynamically trim balanced at the factory before shipment for quick start-up and efficient operation.
- Motor with thermal overload and phase failure protection is provided for motor long lasting operation.

Coils

All units use large face area outdoor coils. These coils are constructed with seamless copper tubes, mechanically bonded into aluminum plate-type fins with full drawn collars to completely cover the tubes for high operating efficiencies.

The indoor coil section is installed in a draw through configuration to provide better dehumidification.

» Coils are factory pressure tested to ensure pressure and leak integrity.

» Copper tube / aluminum fin coils on condenser and evaporator

» 5mm Smart Coil Technology on all condenser coils for improved performance and reduced refrigerant load.

Controls and Wiring

Packaged rooftop units come equipped with a well-organized, large, easy to use weatherproof internal control box with easy access, for a better user experience.

» Units are factory-wired with labeled color-coded wires and complete 24-volt Electromechanical controls package.

» Units include single-point power entry as standard and also available with electric heat kits if selected.

» Terminal blocks are provided as standard for easy installation and field power wiring.

Filtration

Unit provides a draw-through filter section as standard for better air quality and long lasting component maintenance.

» Filters installed on the units are standard off the shelf sizes for easy replacement.

» One or two size filter per unit for low maintenance cost and easy replacement.

» Tool-less filter access for easy and fast filter replacement and service.

Heating Section

Wide ranging of electric heat selections effectively handle most comfort heating demand from morning warm-up control to full heat.

Electric Heat

ETL approved electric heat is factory assembled, installed and tested.

» Heating control is fully integrated into the unit's control system for quick start-up and reliable control.

» Durable low watt density, nickel chromium elements provide longer life (compared to units without)..

» Fuses are provided in each branch circuit to a maximum of 48 Amps per NEC requirements.

» Single-point power connection reduces installation cost.

» For operational safeties electric heat includes automatic reset, and high temperature limit safety protection and an airflow safety switch to prevent electric heat operation in the event of no airflow.

Electrical

Units are completely wired and tested at the factory to provide faster commissioning and start-up.

» Wiring complies with NEC requirements and all applicable UL standards.

» For ease of use, wiring and electrical components are number coded and labeled according to the electrical diagram.

» A 120 V GFI convenience receptacle requiring independent power supply for the receptacle is optional.

» An optional unit powered 20 amp 115 V convenience receptacle, complete with factory mounted transformer, disconnect switch, and primary and secondary overload protection, eliminates the need to pull a separate 115 V power source.

» Supply air fan, compressor, and condenser fan motor branch circuits have individual short circuit protection. Unit includes knockouts in the bottom of the main control panels for field wiring entrance.

» A single-point power connection with power block is standard and a terminal board is provided for connecting low voltage control wiring.

» For better serviceability an optional non-fused disconnect switch can be installed inside the control panel and operated by an externally mounted handle to disconnect the electrical power at the unit


DAIKIN

Applications

Daikin Rooftop units are intended for comfort cooling applications in normal heating, ventilating, and air conditioning. Consult your local Daikin sales representative for applications involving operations at high ambient temperatures, high altitudes, non-cataloged voltages, or for job-specific unit selections that fall outside of the range of the catalog tables.

For proper operation, units should be rigged in accordance with instructions stated on the installation manual. Fire dampers, if required, must be installed in the ductwork according to local and/or state codes. No space is allowed for these dampers in the unit.

Follow factory check, test and start procedures explicitly to achieve satisfactory start-up and operation.

Most rooftop applications take advantage of the significant energy savings provided with economizer operation. When an economizer system is used, mechanical refrigeration is typically not required below an ambient temperature of 50°F.

Serviceability

Daikin packaged rooftop units are built with serviceability in mind, designed to make future maintenance and service on the unit easy and accessible.

- Our packaged rooftop units offer a slide out blower to facilitate the access and removal of the fan.
- Filter panels on the small chassis line offer tool-less access for easy maintenance.
- Independent compressor outside of the air bypass to eliminate component blockage and provide easy access.
- Labeled field connections, color coded and continuously marked wire to identify point-to-point component connections.
- All 3-12.5 ton units are designed for convertible airflow orientation to serve downflow or horizontal applications. Every unit ships prepared to convert to horizontal orientation in the field if required.
- Condenser clean out from inside-out.
- Easy access to gas valves and control panel.

Model	DBH0903V000001S	DBH0904V000001S	DBH0907V000001S	DBH1023V000001S	DBH1024V000001S	DBH1027V000001S
COOLING CAPACITY						
Total BTU/H	88,000	88,000	88,000	99,000	99,000	99,000
IEER / EER	12.5/11.2	12.5/11.2	12.5/11.2	12.5/11	12.5/11	12.5/11
AHRI Reference #	206214523	205406724	206214523	206214524	206214524	206214524
EVAPORATOR MOTOR COIL						
Motor Type	Belt-Drive	Belt-Drive	Belt-Drive	Belt-Drive	Belt-Drive	Belt-Drive
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	2850	2850	2850	3400	3400	3400
RPM	1740/1160	1740/1160	1740/1160	1740/1160	1740/1160	1740/1160
Indoor Horsepower	2.00	2.00	2.00	2.00	2.00	2.00
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	¾	¾	¾	¾	¾	¾
R-410A Refrigerant Charge (oz.)	195(C1)/196(C2)	195(C1)/196(C2)	195(C1)/196(C2)	245(C1)/233(C2)	245(C1)/233(C2)	245(C1)/233(C2)
Evaporator Coil Face Area (ft²)	12.8	12.8	12.8	16.6	16.6	16.6
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
BELT-DRIVE EVAPORATOR FAN DATA						
Motor Sheave	1VL40X7/8	1VL40X7/8	1VL40X7/8	1VL40X7/8	1VL40X7/8	1VL40X7/8
Blower Sheave	AK84H	AK84H	AK84H	AK79H	AK79H	AK79H
Belt	AX51	AX51	AX51	AX51	AX51	AX51
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1150	1150	1150	1150	1150	1150
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft²)	17.5(C1)/17.5(C2)	17.5(C1)/17.5(C2)	17.5(C1)/17.5(C2)	17.5(C1)/17.5(C2)	17.5(C1)/17.5(C2)	17.5(C1)/17.5(C2)
Rows Deep / Fins per Inch	2/16	2/16	2/16	2/16	2/16	2/16
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	13.1/83.1	6.1/41.0	4.4/33.0	14.5/98.0	6.3/55.0	6.0/41.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	6	2.9	2.4	6	2.9	2.4
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	3.5	1.6	3.5	3.5	1.6	3.5
Min. Circuit Ampacity[1]	42.6/42.6	19.8	19.2	45.6/45.6	20.4	23
Max. Overcurrent Protection (A)[2]	50/50	25	20	60/60	25	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1152	1162	1201	1212	1222	1261
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1227	1237	1276	1287	1297	1261

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DBH1203V000001S	DBH1204V000001S	DBH1207V000001S	DBH1503V000001S	DBH1504V000001S	DBH1507V000001S
COOLING CAPACITY						
Total BTU/H	112,000	112,000	112,000	140,000	140,000	140,000
IEER / EER	12.5/11	12.5/11	12.5/11	11.6/10.6	11.6/10.6	11.6/10.6
AHRI Reference #	205406728	205406728	206214525	207093767	207093767	207093767
Motor Type	Belt-Drive	Belt-Drive	Belt-Drive	Belt Drive	Belt Drive	Belt Drive
External Static Pressure (ESP)	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	'Ø15 x 15	'Ø15 x 15	'Ø15 x 15
Indoor Nominal CFM	4000	4000	4000	4250	4250	4250
RPM	1740/1160	1740/1160	1740/1160	1760/1165	1760/1165	1760/1165
Indoor Horsepower	2.00	2.00	2.00	3.00	3.00	3.00
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	25 X 25 X 2 (4)	25 X 25 X 2 (4)	25 X 25 X 2 (4)
Drain Size (NPT)	¾	¾	¾	¾	¾	¾
R-410A Refrigerant Charge (oz.)	229(C1)/240(C2)	229(C1)/240(C2)	229(C1)/240(C2)	310(C1)/285(C2)	310(C1)/285(C2)	310(C1)/285(C2)
Evaporator Coil Face Area (ft^2)	16.6	16.6	16.6	18.7	18.7	18.7
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
BELT-DRIVE EVAPORATOR FAN DATA						
Motor Sheave	1VL40X7/8	1VL40X7/8	1VL40X7/8	1VP44X1-1/8	1VP44X1-1/8	1VP44X1-1/8
Blower Sheave	AK79H	AK79H	AK79H	AK84H	AK84H	AK84H
Belt	AX51	AX51	AX51	AX51	AX51	AX51
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
RPM (High/Low stage)	1150	1150	1150	1130	1075	1075
Outdoor Horsepower	1/3	1/3	1/3	1/2	1/2	1/2
Fan Diameter / # Fan Blades	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	19.7(C1)/19.7(C2)	19.7(C1)/19.7(C2)	19.7(C1)/19.7(C2)	21.5(C1)/21.5(C2)	21.5(C1)/21.5(C2)	21.5(C1)/21.5(C2)
Rows Deep / Fins per Inch	2/16	2/16	2/16	3/16	3/16	3/16
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	15.9/110	7.1/52.0	5.1/39.5	22.4/149	10.6/75	7.7/54
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	6	2.9	2.4	9.1	4.3	3.5
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	3.5	1.6	3.5	2.7	1.4	1
Min. Circuit Ampacity[1]	48.8/48.8	22	20.9	65.0/65.0	30.9	22.8
Max. Overcurrent Protection (A)[2]	60/60	25	25	80/80	40	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1216	1226	1265	1314	1314	1314
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1291	1301	1340	1394	1394	1394

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] May use fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

AHRI Ratings

Cooling				47°F Heating		17°F Heating
Nominal Tonnage	Cooling Capacity (BTU/hr)	EER	IEER	Capacity (BTU/hr)	COP	COP
7.5T HP	88,000	11.2	12.5	80,000	3.30	2.25
8.5T HP	99,000	11.0	12.5	94,000	3.30	2.25
10T HP	112,000	11.0	12.5	106,000	3.30	2.25
12.5T HP	140,000	10.6	11.6	140,000	3.20	2.05

Sound Data

Model	Outdoor Sound (dB) at 60 Hz								
	A-Weighted	63	125	250	500	1000	2000	4000	8000
090	82.9	91.5	84.1	82	79.7	77.6	75.2	71.7	69
102	80.2	89.1	81.1	78.7	77.1	76.1	70.8	66.5	64.1
120	81.8	91.9	82.8	81.9	79.1	76.9	72.9	68.3	66
150	83.0	92.3	87.8	83	80.4	78.2	73.8	70.1	62.6

Notes:

[1] Outdoor sound data is measured in accordance with AHRI standard 270.

[2] Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.

[3] A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 270.

Coil Dimensions

Model	Tons	Fin height in.	Fin length in.
DBH	7.5	34.6	53.1
	8.5	45.0	53.1
	10	45.0	53.1
	12.5	52.0	51.8

HP Performance

	CAP 47F (Kbtu/hr)	CAP 17F (Kbtu/hr)	COP 47F	COP 17F
7.5T HP	80	45	3.3	2.25
8.5T HP	94	55	3.3	2.25
10T HP	106	62	3.3	2.25
12.5T HP	140	86	3.2	2.05

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2625	MBh	89.9	91.2	93.9	-	89.1	90.4	93.1	-	86.8	88.1	90.7	-	82.8	84.0	86.7	-	77.9	79.1	81.8	-	73.4	74.6	77.3	-
		S/T	0.64	0.56	0.42	-	0.65	0.57	0.43	-	0.67	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.64	0.50	-	1.00	0.69	0.55	-
		ΔT	18.72	16.95	13.65	-	18.68	16.91	13.60	-	18.92	17.15	13.85	-	18.66	16.89	13.58	-	18.42	16.65	13.34	-	19.53	17.76	14.45	-
		kW	5.69	5.68	5.67	-	6.36	6.35	6.34	-	7.10	7.10	7.09	-	7.91	7.91	7.90	-	8.82	8.81	8.80	-	9.88	9.88	9.86	-
		Amps	22.02	21.99	21.94	-	25.08	25.06	25.01	-	28.51	28.48	28.43	-	32.22	32.19	32.14	-	36.36	36.33	36.28	-	41.21	41.19	41.14	-
		Hi PR	248	249	251	-	287	288	290	-	328	329	330	-	372	373	374	-	419	420	422	-	470	471	472	-
		Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	158	161	-
	2850	MBh	90.7	92.0	94.6	-	89.9	91.2	93.8	-	87.6	88.8	91.5	-	83.5	84.8	87.5	-	78.6	79.9	82.6	-	74.1	75.4	78.1	-
		S/T	0.67	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-
		ΔT	18.07	16.30	13.00	-	18.03	16.25	12.95	-	18.27	16.50	13.20	-	18.01	16.24	12.93	-	17.77	16.00	12.69	-	18.88	17.11	13.80	-
		kW	5.71	5.70	5.69	-	6.38	6.37	6.36	-	7.13	7.12	7.11	-	7.94	7.93	7.92	-	8.84	8.83	8.82	-	9.90	9.90	9.88	-
		Amps	22.11	22.09	22.04	-	25.18	25.16	25.10	-	28.61	28.58	28.53	-	32.31	32.29	32.24	-	36.45	36.43	36.38	-	41.31	41.29	41.23	-
		Hi PR	249	250	252	-	288	289	291	-	329	330	332	-	373	374	376	-	420	421	423	-	471	472	474	-
		Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-
	3375	MBh	92.9	94.1	96.8	-	92.1	93.3	96.0	-	89.7	91.0	93.7	-	85.7	87.0	89.7	-	80.8	82.1	84.7	-	76.3	77.6	80.3	-
		S/T	0.72	0.64	0.50	-	0.72	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.58	-	1.00	0.76	0.63	-
		ΔT	16.79	15.02	11.71	-	16.74	14.97	11.66	-	16.99	15.22	11.91	-	16.72	14.95	11.64	-	16.48	14.71	11.41	-	17.59	15.82	12.51	-
		kW	5.75	5.74	5.73	-	6.42	6.41	6.40	-	7.17	7.16	7.15	-	7.98	7.97	7.96	-	8.88	8.88	8.86	-	9.94	9.94	9.93	-
		Amps	22.30	22.28	22.23	-	25.37	25.35	25.29	-	28.80	28.77	28.72	-	32.50	32.48	32.43	-	36.64	36.62	36.57	-	41.50	41.48	41.43	-
		Hi PR	252	253	255	-	291	292	294	-	332	333	335	-	376	377	379	-	423	424	426	-	474	475	477	-
		Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-
75	2625	MBh	90.0	91.3	93.9	98.0	89.2	90.5	93.1	97.2	86.9	88.1	90.8	94.9	82.8	84.1	86.8	90.9	77.9	79.2	81.9	85.9	73.4	74.7	77.4	81.5
		S/T	0.77	0.69	0.56	0.4	0.78	0.70	0.56	0.4	1.00	0.72	0.59	0.4	1.00	0.74	0.61	0.5	1.00	0.77	0.63	0.5	1.00	1.00	0.68	0.5
		ΔT	22.62	20.85	17.54	14.1	22.57	20.80	17.49	14.1	22.82	21.05	17.74	14.3	22.55	20.78	17.47	14.0	22.31	20.54	17.24	13.8	23.42	21.65	18.35	14.9
		kW	5.68	5.68	5.66	5.7	6.35	6.35	6.33	6.4	7.10	7.09	7.08	7.1	7.91	7.90	7.89	7.9	8.81	8.81	8.80	8.8	9.88	9.87	9.86	9.9
		Amps	22.00	21.97	21.92	22.2	25.06	25.04	24.99	25.2	28.49	28.46	28.41	28.6	32.20	32.17	32.12	32.4	36.34	36.31	36.26	36.5	41.19	41.17	41.12	41.4
		Hi PR	248	249	251	255.1	287	288	290	294.1	328	329	331	334.9	372	373	375	378.9	419	420	422	426.3	470	471	473	476.8
		Lo PR	124	126	129	134.0	132	133	136	141.5	138	140	143	148.1	144	145	148	153.7	149	151	154	159.1	156	158	161	166.0
	2850	MBh	90.8	92.0	94.7	98.8	90.0	91.2	93.9	98.0	87.6	88.9	91.6	95.6	83.6	**84.9**	87.5	91.6	78.7	79.9	82.6	86.7	74.2	75.5	78.1	82.2
		S/T	0.80	0.73	0.59	0.4	0.81	0.73	0.60	0.5	1.00	0.76	0.62	0.5	1.00	**0.78**	0.64	0.5	1.00	0.80	0.66	0.5	1.00	1.00	0.72	0.6
		ΔT	21.97	20.20	16.89	13.5	21.92	20.15	16.84	13.4	22.17	20.40	17.09	13.7	21.90	**20.13**	16.82	13.4	21.66	19.89	16.59	13.2	22.77	21.00	17.70	14.3
		kW	5.70	5.70	5.69	5.7	6.37	6.37	6.36	6.4	7.12	7.12	7.10	7.2	7.93	**7.93**	7.91	8.0	8.84	8.83	8.82	8.9	9.90	9.89	9.88	9.9
		Amps	22.09	22.07	22.02	22.3	25.16	25.14	25.08	25.3	28.59	28.56	28.51	28.7	32.29	**32.27**	32.22	32.5	36.43	36.41	36.36	36.6	41.29	41.27	41.21	41.4
		Hi PR	249	250	252	256.4	288	289	291	295.4	329	330	332	336.2	373	**374**	376	380.2	420	422	423	427.6	471	472	474	478.2
		Lo PR	125	127	130	135.2	133	134	137	142.7	139	141	144	149.3	145	**146**	150	154.8	150	152	155	160.3	157	159	162	167.1
	3375	MBh	92.9	94.2	96.9	101.0	92.1	93.4	96.1	100.2	89.8	91.1	93.7	97.8	85.8	87.0	89.7	93.8	80.9	82.1	84.8	88.9	76.4	77.6	80.3	84.4
		S/T	0.85	0.77	0.63	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
		ΔT	20.68	18.91	15.60	12.2	20.63	18.86	15.55	12.1	20.88	19.11	15.80	12.4	20.61	18.84	15.54	12.1	20.37	18.60	15.30	11.9	21.48	19.71	16.41	13.0
		kW	5.74	5.74	5.73	5.8	6.41	6.41	6.40	6.4	7.16	7.16	7.15	7.2	7.97	7.97	7.96	8.0	8.88	8.87	8.86	8.9	9.94	9.93	9.92	10.0
		Amps	22.28	22.26	22.21	22.4	25.35	25.33	25.27	25.5	28.78	28.75	28.70	28.9	32.48	32.46	32.41	32.6	36.62	36.60	36.55	36.8	41.48	41.46	41.41	41.6
		Hi PR	252	253	255	259.4	291	292	294	298.4	332	333	335	339.2	376	377	379	383.2	423	425	426	430.6	474	475	477	481.2
		Lo PR	128	130	133	138.2	136	137	141	145.8	142	144	147	152.3	148	149	153	157.9	153	155	158	163.4	160	162	165	170.2

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2625	MBh	90.5	91.7	94.4	98.5	89.7	90.9	93.6	97.7	87.3	88.6	91.3	95.3	83.3	84.6	87.2	91.3	78.4	79.6	82.3	86.4	73.9	75.2	77.8	81.9
		S/T	1.00	0.82	0.68	0.5	1.00	0.83	0.69	0.5	1.00	0.85	0.71	0.6	1.00	1.00	0.73	0.6	1.00	1.00	0.76	0.6	1.00	1.00	0.81	0.7
		ΔT	26.54	24.76	21.46	18.0	26.49	24.72	21.41	18.0	26.74	24.97	21.66	18.2	26.47	24.70	21.39	18.0	26.23	24.46	21.16	17.7	27.34	25.57	22.26	18.8
		kW	5.68	5.68	5.67	5.7	6.36	6.35	6.34	6.4	7.10	7.10	7.09	7.1	7.91	7.91	7.90	7.9	8.82	8.81	8.80	8.9	9.88	9.87	9.86	9.9
		Amps	22.01	21.99	21.94	22.2	25.08	25.06	25.00	25.2	28.51	28.48	28.43	28.7	32.21	32.19	32.13	32.4	36.35	36.33	36.28	36.5	41.21	41.19	41.13	41.4
		Hi PR	248	250	251	255.6	287	288	290	294.5	328	329	331	335.4	372	373	375	379.3	420	421	422	426.7	470	471	473	477.3
		Lo PR	125	126	129	134.6	132	134	137	142.1	139	140	143	148.7	144	146	149	154.2	150	151	154	159.7	157	158	161	166.5
	2850	MBh	91.2	92.5	95.2	99.2	90.4	91.7	94.4	98.4	88.1	89.3	92.0	96.1	84.1	85.3	**88.0**	92.1	79.1	80.4	83.1	87.2	74.7	75.9	78.6	82.7
		S/T	1.00	0.85	0.72	0.6	1.00	0.86	0.72	0.6	1.00	0.89	0.75	0.6	1.00	1.00	**0.77**	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.84	0.7
		ΔT	25.89	24.11	20.81	17.4	25.84	24.07	20.76	17.3	26.09	24.32	21.01	17.6	25.82	24.05	**20.74**	17.3	25.58	23.81	20.51	17.1	26.69	24.92	21.61	18.2
		kW	5.71	5.70	5.69	5.7	6.38	6.37	6.36	6.4	7.12	7.12	7.11	7.2	7.93	7.93	**7.92**	8.0	8.84	8.83	8.82	8.9	9.90	9.90	9.88	9.9
		Amps	22.11	22.08	22.03	22.3	25.18	25.15	25.10	25.3	28.60	28.58	28.53	28.8	32.31	32.28	**32.23**	32.5	36.45	36.43	36.37	36.6	41.31	41.28	41.23	41.5
		Hi PR	250	251	253	256.9	289	290	292	295.8	330	331	332	336.7	374	375	**376**	380.6	421	422	424	428.0	471	473	474	478.6
		Lo PR	126	127	130	135.7	133	135	138	143.2	140	141	145	149.8	145	147	**150**	155.4	151	152	156	160.8	158	159	162	167.7
	3375	MBh	93.4	94.7	97.3	101.4	92.6	93.9	96.5	100.6	90.3	91.5	94.2	98.3	86.2	87.5	90.2	94.3	81.3	82.6	85.3	89.3	76.8	78.1	80.8	84.9
		S/T	1.00	0.90	0.76	0.6	1.00	0.90	0.77	0.6	1.00	0.93	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.89	0.7
		ΔT	24.60	22.83	19.52	16.1	24.55	22.78	19.47	16.0	24.80	23.03	19.72	16.3	24.53	22.76	19.45	16.0	24.29	22.52	19.22	15.8	25.40	23.63	20.33	16.9
		kW	5.75	5.74	5.73	5.8	6.42	6.41	6.40	6.5	7.17	7.16	7.15	7.2	7.98	7.97	7.96	8.0	8.88	8.88	8.86	8.9	9.94	9.94	9.93	10.0
		Amps	22.30	22.28	22.22	22.5	25.37	25.34	25.29	25.5	28.79	28.77	28.72	29.0	32.50	32.47	32.42	32.7	36.64	36.62	36.56	36.8	41.50	41.47	41.42	41.7
		Hi PR	253	254	256	259.9	292	293	295	298.8	333	334	335	339.7	377	378	379	383.6	424	425	427	431.0	475	476	477	481.6
		Lo PR	129	130	134	138.8	136	138	141	146.3	143	144	148	152.9	149	150	153	158.4	154	155	159	163.9	161	162	165	170.7
85	2625	MBh	92.0	93.2	95.9	100.0	91.2	92.4	95.1	99.2	88.8	90.1	92.8	96.8	84.8	86.1	88.7	92.8	79.9	81.2	83.8	87.9	75.4	76.7	79.3	83.4
		S/T	1.00	0.92	0.78	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	1.00	0.8
		ΔT	30.01	28.24	24.94	21.5	29.96	28.19	24.89	21.5	30.21	28.44	25.14	21.7	29.94	28.17	24.87	21.4	29.71	27.94	24.63	21.2	30.82	29.05	25.74	22.3
		kW	5.70	5.69	5.68	5.7	6.37	6.36	6.35	6.4	7.12	7.11	7.10	7.2	7.93	7.92	7.91	8.0	8.83	8.83	8.81	8.9	9.89	9.89	9.88	9.9
		Amps	22.07	22.05	21.99	22.2	25.14	25.11	25.06	25.3	28.56	28.54	28.49	28.7	32.27	32.25	32.19	32.4	36.41	36.39	36.33	36.6	41.27	41.25	41.19	41.4
		Hi PR	250	251	252	256.7	289	290	291	295.7	329	330	332	336.5	373	374	376	380.5	421	422	424	427.9	471	472	474	478.5
		Lo PR	127	128	131	136.4	134	136	139	143.9	141	142	145	150.5	146	148	151	156.1	152	153	156	161.5	158	160	163	168.4
	2850	MBh	92.7	94.0	96.7	100.8	91.9	93.2	95.9	100.0	89.6	90.9	93.5	97.6	85.6	86.8	89.5	93.6	80.7	81.9	84.6	88.7	76.2	77.4	80.1	84.2
		S/T	1.00	0.96	0.82	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	1.00	0.8
		ΔT	29.36	27.59	24.29	20.9	29.31	27.54	24.24	20.8	29.56	27.79	24.49	21.1	29.29	27.52	24.22	20.8	29.06	27.29	23.98	20.6	30.17	28.40	25.09	21.7
		kW	5.72	5.71	5.70	5.8	6.39	6.38	6.37	6.4	7.14	7.13	7.12	7.2	7.95	7.94	7.93	8.0	8.85	8.85	8.84	8.9	9.91	9.91	9.90	9.9
		Amps	22.17	22.14	22.09	22.3	25.24	25.21	25.16	25.4	28.66	28.64	28.58	28.8	32.37	32.34	32.29	32.5	36.51	36.48	36.43	36.7	41.37	41.34	41.29	41.5
		Hi PR	251	252	254	258.0	290	291	293	297.0	331	332	334	337.8	375	376	377	381.8	422	423	425	429.2	473	474	475	479.8
		Lo PR	128	129	132	137.6	135	137	140	145.1	142	143	146	151.7	147	149	152	157.2	153	154	157	162.7	160	161	164	169.5
	3375	MBh	94.9	96.2	98.8	102.9	94.1	95.4	98.0	102.1	91.8	93.0	95.7	99.8	87.7	89.0	91.7	95.8	82.8	84.1	86.8	90.9	78.3	79.6	82.3	86.4
		S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.89	0.7	1.00	1.00	0.91	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	28.07	26.30	23.00	19.6	28.02	26.25	22.95	19.5	28.27	26.50	23.20	19.8	28.01	26.24	22.93	19.5	27.77	26.00	22.69	19.3	28.88	27.11	23.80	20.4
		kW	5.76	5.76	5.74	5.8	6.43	6.43	6.41	6.5	7.18	7.17	7.16	7.2	7.99	7.98	7.97	8.0	8.89	8.89	8.88	8.9	9.96	9.95	9.94	10.0
		Amps	22.36	22.33	22.28	22.5	25.43	25.40	25.35	25.6	28.85	28.83	28.77	29.0	32.56	32.53	32.48	32.7	36.70	36.67	36.62	36.9	41.56	41.53	41.48	41.7
		Hi PR	254	255	257	261.0	293	294	296	300.0	334	335	337	340.8	378	379	380	384.8	425	426	428	432.2	476	477	478	482.8
		Lo PR	131	132	135	140.6	138	140	143	148.2	145	146	149	154.7	150	152	155	160.3	156	157	160	165.7	163	164	167	172.6

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2625	MBh	89.9	91.2	93.9	-	89.1	90.4	93.1	-	86.8	88.1	90.7	-	82.8	84.0	86.7	-	77.9	79.1	81.8	-	73.4	74.6	77.3	-
		S/T	0.64	0.56	0.42	-	0.65	0.57	0.43	-	0.67	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.64	0.50	-	1.00	0.69	0.55	-
		ΔT	18.72	16.95	13.65	-	18.68	16.91	13.60	-	18.92	17.15	13.85	-	18.66	16.89	13.58	-	18.42	16.65	13.34	-	19.53	17.76	14.45	-
		kW	5.69	5.68	5.67	-	6.36	6.35	6.34	-	7.10	7.10	7.09	-	7.91	7.91	7.90	-	8.82	8.81	8.80	-	9.88	9.88	9.86	-
		Amps	22.02	21.99	21.94	-	25.08	25.06	25.01	-	28.51	28.48	28.43	-	32.22	32.19	32.14	-	36.36	36.33	36.28	-	41.21	41.19	41.14	-
		Hi PR	248	249	251	-	287	288	290	-	328	329	330	-	372	373	374	-	419	420	422	-	470	471	472	-
		Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	158	161	-
	2850	MBh	90.7	92.0	94.6	-	89.9	91.2	93.8	-	87.6	88.8	91.5	-	83.5	84.8	87.5	-	78.6	79.9	82.6	-	74.1	75.4	78.1	-
		S/T	0.67	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-
		ΔT	18.07	16.30	13.00	-	18.03	16.25	12.95	-	18.27	16.50	13.20	-	18.01	16.24	12.93	-	17.77	16.00	12.69	-	18.88	17.11	13.80	-
		kW	5.71	5.70	5.69	-	6.38	6.37	6.36	-	7.13	7.12	7.11	-	7.94	7.93	7.92	-	8.84	8.83	8.82	-	9.90	9.90	9.88	-
		Amps	22.11	22.09	22.04	-	25.18	25.16	25.10	-	28.61	28.58	28.53	-	32.31	32.29	32.24	-	36.45	36.43	36.38	-	41.31	41.29	41.23	-
		Hi PR	249	250	252	-	288	289	291	-	329	330	332	-	373	374	376	-	420	421	423	-	471	472	474	-
		Lo PR	125	127	130	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	157	159	162	-
	3375	MBh	92.9	94.1	96.8	-	92.1	93.3	96.0	-	89.7	91.0	93.7	-	85.7	87.0	89.7	-	80.8	82.1	84.7	-	76.3	77.6	80.3	-
		S/T	0.72	0.64	0.50	-	0.72	0.65	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.58	-	1.00	0.76	0.63	-
		ΔT	16.79	15.02	11.71	-	16.74	14.97	11.66	-	16.99	15.22	11.91	-	16.72	14.95	11.64	-	16.48	14.71	11.41	-	17.59	15.82	12.51	-
		kW	5.75	5.74	5.73	-	6.42	6.41	6.40	-	7.17	7.16	7.15	-	7.98	7.97	7.96	-	8.88	8.88	8.86	-	9.94	9.94	9.93	-
		Amps	22.30	22.28	22.23	-	25.37	25.35	25.29	-	28.80	28.77	28.72	-	32.50	32.48	32.43	-	36.64	36.62	36.57	-	41.50	41.48	41.43	-
		Hi PR	252	253	255	-	291	292	294	-	332	333	335	-	376	377	379	-	423	424	426	-	474	475	477	-
		Lo PR	128	130	133	-	136	137	140	-	142	144	147	-	148	149	153	-	153	155	158	-	160	162	165	-
75	2975	MBh	100.8	102.2	105.2	109.8	99.9	101.3	104.3	108.9	97.2	98.7	101.7	106.3	92.7	94.1	97.2	101.8	87.2	88.6	91.6	96.2	82.1	83.6	86.6	91.2
		S/T	0.72	0.65	0.51	0.4	0.73	0.65	0.52	0.4	1.00	0.68	0.54	0.4	1.00	0.70	0.56	0.4	1.00	0.72	0.59	0.4	1.00	0.77	0.64	0.5
		ΔT	22.59	20.85	17.61	14.3	22.54	20.81	17.56	14.2	22.79	21.05	17.81	14.5	22.52	20.79	17.55	14.2	22.29	20.56	17.31	14.0	23.38	21.64	18.40	15.0
		kW	6.47	6.47	6.45	6.5	7.25	7.24	7.23	7.3	8.11	8.10	8.09	8.2	9.04	9.04	9.03	9.1	10.09	10.08	10.07	10.1	11.31	11.31	11.29	11.4
		Amps	24.82	24.80	24.73	25.0	28.36	28.34	28.27	28.5	32.32	32.29	32.23	32.5	36.59	36.56	36.50	36.8	41.37	41.34	41.28	41.6	46.98	46.95	46.89	47.2
		Hi PR	265	267	269	273.1	307	309	310	315.0	351	352	354	358.8	398	400	401	406.1	449	450	452	457.0	504	505	507	511.3
		Lo PR	120	122	125	130.0	128	129	132	137.3	134	136	139	143.7	139	141	144	149.1	145	146	149	154.5	151	153	156	161.1
	3400	MBh	102.1	103.5	106.5	111.1	101.2	102.6	105.6	110.2	98.6	100.0	103.0	107.6	94.0	**95.5**	98.5	103.1	88.5	89.9	92.9	97.5	83.5	84.9	87.9	92.5
		S/T	0.78	0.71	0.57	0.4	0.79	0.71	0.58	0.4	1.00	0.74	0.60	0.5	1.00	**0.76**	0.62	0.5	1.00	0.78	0.64	0.5	1.00	1.00	0.70	0.6
		ΔT	21.54	19.80	16.56	13.2	21.49	19.76	16.52	13.2	21.74	20.00	16.76	13.4	21.48	**19.74**	16.50	13.1	21.24	19.51	16.27	12.9	22.33	20.59	17.35	14.0
		kW	6.51	6.51	6.49	6.6	7.29	7.28	7.27	7.3	8.15	8.14	8.13	8.2	9.09	**9.08**	9.07	9.1	10.13	10.12	10.11	10.2	11.35	11.35	11.33	11.4
		Amps	25.01	24.98	24.92	25.2	28.55	28.52	28.46	28.7	32.50	32.47	32.41	32.7	36.78	**36.75**	36.69	37.0	41.55	41.53	41.47	41.7	47.16	47.13	47.07	47.3
		Hi PR	268	269	271	275.4	310	311	313	317.2	353	355	356	361.1	401	**402**	404	408.3	452	453	455	459.2	506	507	509	513.6
		Lo PR	122	124	127	131.8	129	131	134	139.1	136	137	140	145.5	141	**143**	146	150.9	147	148	151	156.2	153	155	158	162.9
	3825	MBh	103.7	105.1	108.1	112.7	102.8	104.2	107.2	111.8	100.2	101.6	104.6	109.2	95.6	97.1	100.1	104.7	90.1	91.5	94.5	99.1	85.1	86.5	89.5	94.1
		S/T	0.81	0.74	0.61	0.5	0.82	0.75	0.61	0.5	1.00	0.77	0.64	0.5	1.00	0.79	0.66	0.5	1.00	0.81	0.68	0.5	1.00	1.00	0.73	0.6
		ΔT	20.66	18.92	15.68	12.3	20.61	18.87	15.63	12.3	20.85	19.12	15.88	12.5	20.59	18.86	15.61	12.3	20.36	18.62	15.38	12.0	21.45	19.71	16.47	13.1
		kW	6.55	6.54	6.53	6.6	7.32	7.31	7.30	7.4	8.18	8.18	8.16	8.2	9.12	9.11	9.10	9.2	10.16	10.16	10.14	10.2	11.39	11.38	11.37	11.4
		Amps	25.16	25.13	25.07	25.3	28.70	28.67	28.61	28.9	32.65	32.62	32.56	32.8	36.93	36.90	36.84	37.1	41.71	41.68	41.62	41.9	47.31	47.29	47.23	47.5
		Hi PR	270	271	273	277.6	312	313	315	319.4	356	357	359	363.3	403	404	406	410.5	454	455	457	461.4	508	509	511	515.7
		Lo PR	124	126	129	133.7	131	133	136	141.0	138	139	142	147.5	143	145	148	152.9	149	150	153	158.2	155	157	160	164.9

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2975	MBh	101.3	102.7	105.7	110.3	100.4	101.8	104.8	109.4	97.8	99.2	102.2	106.8	93.2	94.7	97.7	102.3	87.7	89.1	92.1	96.7	82.7	84.1	87.1	91.7
		S/T	0.85	0.77	0.64	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.67	0.5	1.00	0.82	0.69	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
		ΔT	26.43	24.70	21.46	18.1	26.39	24.65	21.41	18.0	26.63	24.89	21.65	18.3	26.37	24.63	21.39	18.0	26.14	24.40	21.16	17.8	27.22	25.49	22.24	18.9
		kW	6.48	6.47	6.46	6.5	7.25	7.24	7.23	7.3	8.11	8.11	8.10	8.2	9.05	9.04	9.03	9.1	10.09	10.09	10.07	10.1	11.32	11.31	11.30	11.4
		Amps	24.84	24.81	24.75	25.0	28.38	28.35	28.29	28.6	32.33	32.31	32.25	32.5	36.61	36.58	36.52	36.8	41.39	41.36	41.30	41.6	46.99	46.97	46.91	47.2
		Hi PR	266	267	269	273.6	308	309	311	315.5	352	353	355	359.3	399	400	402	406.6	450	451	453	457.5	504	505	507	511.8
		Lo PR	121	122	125	130.5	128	130	133	137.8	135	136	139	144.3	140	141	145	149.7	145	147	150	155.0	152	153	157	161.7
	3400	MBh	102.6	104.0	107.1	111.7	101.7	103.1	106.2	110.8	99.1	100.5	103.5	108.1	94.6	96.0	**99.0**	103.6	89.0	90.5	93.5	98.1	84.0	85.4	88.4	93.0
		S/T	1.00	0.83	0.70	0.6	1.00	0.84	0.70	0.6	1.00	0.86	0.73	0.6	1.00	0.88	**0.75**	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.82	0.7
		ΔT	25.38	23.65	20.41	17.0	25.34	23.60	20.36	17.0	25.58	23.84	20.60	17.2	25.32	23.58	**20.34**	17.0	25.09	23.35	20.11	16.8	26.17	24.44	21.20	17.8
		kW	6.52	6.51	6.50	6.6	7.29	7.29	7.27	7.3	8.15	8.15	8.14	8.2	9.09	9.08	**9.07**	9.1	10.13	10.13	10.11	10.2	11.36	11.35	11.34	11.4
		Amps	25.03	25.00	24.94	25.2	28.57	28.54	28.48	28.7	32.52	32.49	32.43	32.7	36.79	36.77	**36.71**	37.0	41.57	41.54	41.48	41.8	47.18	47.15	47.09	47.4
		Hi PR	268	269	271	275.9	310	311	313	317.7	354	355	357	361.6	401	402	**404**	408.8	452	453	455	459.7	506	508	509	514.0
		Lo PR	123	124	127	132.3	130	131	134	139.6	136	138	141	146.0	142	143	**146**	151.4	147	149	152	156.8	154	155	158	163.4
	3825	MBh	104.2	105.6	108.6	113.2	103.3	104.7	107.7	112.3	100.7	102.1	105.1	109.7	96.2	97.6	100.6	105.2	90.6	92.0	95.1	99.7	85.6	87.0	90.0	94.6
		S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.74	0.6	1.00	0.89	0.76	0.6	1.00	0.91	0.78	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.7
		ΔT	24.50	22.76	19.52	16.2	24.45	22.72	19.48	16.1	24.70	22.96	19.72	16.4	24.44	22.70	19.46	16.1	24.20	22.47	19.23	15.9	25.29	23.55	20.31	17.0
		kW	6.55	6.55	6.53	6.6	7.32	7.32	7.31	7.4	8.19	8.18	8.17	8.2	9.12	9.12	9.10	9.2	10.17	10.16	10.15	10.2	11.39	11.39	11.37	11.4
		Amps	25.18	25.15	25.09	25.4	28.72	28.69	28.63	28.9	32.67	32.64	32.58	32.9	36.95	36.92	36.86	37.1	41.73	41.70	41.64	41.9	47.33	47.30	47.24	47.5
		Hi PR	270	272	273	278.1	312	313	315	319.9	356	357	359	363.8	403	405	406	411.0	454	455	457	461.9	509	510	512	516.2
		Lo PR	125	126	129	134.3	132	133	136	141.6	138	140	143	148.0	144	145	148	153.4	149	151	154	158.7	156	157	160	165.4
85	2975	MBh	103.0	104.4	107.4	112.0	102.1	103.5	106.5	111.1	99.5	100.9	103.9	108.5	94.9	96.4	99.4	104.0	89.4	90.8	93.8	98.4	84.4	85.8	88.8	93.4
		S/T	1.00	0.87	0.74	0.6	1.00	0.88	0.74	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	1.00	0.7
		ΔT	29.84	28.11	24.86	21.5	29.79	28.06	24.82	21.5	30.04	28.30	25.06	21.7	29.78	28.04	24.80	21.4	29.54	27.81	24.57	21.2	30.63	28.89	25.65	22.3
		kW	6.49	6.49	6.47	6.5	7.27	7.26	7.25	7.3	8.13	8.12	8.11	8.2	9.06	9.06	9.04	9.1	10.11	10.10	10.09	10.1	11.33	11.33	11.31	11.4
		Amps	24.91	24.88	24.82	25.1	28.45	28.42	28.36	28.6	32.40	32.37	32.31	32.6	36.68	36.65	36.59	36.9	41.46	41.43	41.37	41.6	47.06	47.03	46.97	47.2
		Hi PR	267	268	270	274.9	309	310	312	316.7	353	354	356	360.6	400	401	403	407.8	451	452	454	458.7	505	507	508	513.0
		Lo PR	123	124	127	132.3	130	131	135	139.6	136	138	141	146.1	142	143	146	151.5	147	149	152	156.8	154	155	158	163.5
	3400	MBh	104.3	105.7	108.8	113.3	103.4	104.8	107.9	112.4	100.8	102.2	105.2	109.8	96.3	97.7	100.7	105.3	90.7	92.2	95.2	99.8	85.7	87.1	90.1	94.7
		S/T	1.00	0.93	0.80	0.7	1.00	0.94	0.80	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	1.00	0.8
		ΔT	28.79	27.06	23.81	20.5	28.74	27.01	23.77	20.4	28.99	27.25	24.01	20.7	28.73	26.99	23.75	20.4	28.50	26.76	23.52	20.2	29.58	27.85	24.60	21.2
		kW	6.53	6.53	6.51	6.6	7.31	7.30	7.29	7.3	8.17	8.16	8.15	8.2	9.10	9.10	9.08	9.1	10.15	10.14	10.13	10.2	11.37	11.37	11.35	11.4
		Amps	25.09	25.07	25.00	25.3	28.63	28.61	28.54	28.8	32.59	32.56	32.50	32.8	36.86	36.83	36.77	37.0	41.64	41.61	41.55	41.8	47.25	47.22	47.16	47.4
		Hi PR	269	271	273	277.1	311	312	314	319.0	355	356	358	362.8	402	404	405	410.1	453	454	456	461.0	508	509	511	515.3
		Lo PR	124	126	129	134.1	132	133	136	141.4	138	140	143	147.8	144	145	148	153.2	149	150	153	158.6	156	157	160	165.2
	3825	MBh	105.9	107.3	110.3	114.9	105.0	106.4	109.4	114.0	102.4	103.8	106.8	111.4	97.9	99.3	102.3	106.9	92.3	93.7	96.8	101.4	87.3	88.7	91.7	96.3
		S/T	1.00	0.96	0.83	0.7	1.00	0.97	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	1.00	0.8
		ΔT	27.91	26.17	22.93	19.6	27.86	26.13	22.88	19.5	28.11	26.37	23.13	19.8	27.84	26.11	22.87	19.5	27.61	25.88	22.63	19.3	28.70	26.96	23.72	20.4
		kW	6.57	6.56	6.55	6.6	7.34	7.33	7.32	7.4	8.20	8.20	8.18	8.2	9.14	9.13	9.12	9.2	10.18	10.18	10.16	10.2	11.41	11.40	11.39	11.4
		Amps	25.25	25.22	25.16	25.4	28.79	28.76	28.70	29.0	32.74	32.71	32.65	32.9	37.02	36.99	36.93	37.2	41.79	41.77	41.71	42.0	47.40	47.37	47.31	47.6
		Hi PR	272	273	275	279.3	314	315	317	321.2	357	359	360	365.0	405	406	408	412.2	456	457	459	463.2	510	511	513	517.5
		Lo PR	126	128	131	136.1	134	135	138	143.4	140	142	145	149.8	146	147	150	155.2	151	152	155	160.5	158	159	162	167.2

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	3500	MBh	113.9	115.6	119.0	-	112.9	114.5	117.9	-	110.0	111.6	115.0	-	104.8	106.4	109.8	-	98.6	100.2	103.6	-	92.9	94.5	97.9	-
		S/T	0.62	0.54	0.40	-	0.63	0.55	0.41	-	0.65	0.57	0.44	-	1.00	0.59	0.46	-	1.00	0.62	0.48	-	1.00	0.67	0.53	-
		ΔT	18.12	16.45	13.32	-	18.08	16.40	13.27	-	18.31	16.64	13.51	-	18.06	16.38	13.25	-	17.84	16.16	13.03	-	18.89	17.21	14.08	-
		kW	7.32	7.31	7.29	-	8.19	8.19	8.17	-	9.18	9.17	9.15	-	10.24	10.23	10.22	-	11.43	11.42	11.40	-	12.82	12.81	12.80	-
		Amps	27.79	27.75	27.69	-	31.81	31.78	31.71	-	36.30	36.27	36.20	-	41.17	41.13	41.06	-	46.60	46.57	46.50	-	52.97	52.94	52.87	-
		Hi PR	264	265	267	-	306	307	309	-	350	351	353	-	397	398	400	-	447	449	450	-	502	503	505	-
		Lo PR	124	126	129	-	132	133	137	-	139	140	143	-	144	146	149	-	150	151	154	-	157	158	161	-
	4000	MBh	115.4	117.1	120.5	-	114.4	116.0	119.4	-	111.4	113.1	116.5	-	106.3	107.9	111.3	-	100.1	101.7	105.1	-	94.4	96.0	99.4	-
		S/T	0.68	0.60	0.46	-	0.69	0.61	0.47	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
		ΔT	17.11	15.43	12.31	-	17.07	15.39	12.26	-	17.30	15.62	12.50	-	17.05	15.37	12.24	-	16.82	15.15	12.02	-	17.87	16.20	13.07	-
		kW	7.36	7.35	7.34	-	8.24	8.23	8.22	-	9.22	9.22	9.20	-	10.28	10.28	10.26	-	11.47	11.46	11.45	-	12.86	12.86	12.84	-
		Amps	28.00	27.96	27.89	-	32.02	31.99	31.92	-	36.51	36.48	36.41	-	41.37	41.34	41.27	-	46.81	46.77	46.71	-	53.18	53.15	53.08	-
		Hi PR	267	268	270	-	308	309	311	-	352	353	355	-	399	400	402	-	450	451	453	-	504	505	507	-
		Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	152	153	156	-	158	160	163	-
	4500	MBh	117.2	118.9	122.3	-	116.2	117.8	121.2	-	113.2	114.9	118.3	-	108.1	109.7	113.1	-	101.9	103.5	106.9	-	96.2	97.8	101.2	-
		S/T	0.72	0.64	0.50	-	0.72	0.64	0.51	-	0.75	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.71	0.57	-	1.00	0.77	0.63	-
		ΔT	16.26	14.58	11.45	-	16.21	14.54	11.41	-	16.45	14.77	11.64	-	16.20	14.52	11.39	-	15.97	14.30	11.17	-	17.02	15.34	12.22	-
		kW	7.40	7.39	7.38	-	8.28	8.27	8.26	-	9.26	9.25	9.24	-	10.32	10.32	10.30	-	11.51	11.50	11.49	-	12.90	12.89	12.88	-
		Amps	28.17	28.14	28.07	-	32.19	32.16	32.09	-	36.69	36.66	36.59	-	41.55	41.52	41.45	-	46.98	46.95	46.88	-	53.35	53.32	53.25	-
		Hi PR	269	270	272	-	310	312	313	-	354	355	357	-	401	402	404	-	452	453	455	-	506	507	509	-
		Lo PR	128	130	133	-	136	137	141	-	142	144	147	-	148	150	153	-	154	155	158	-	160	162	165	-
75	3500	MBh	114.0	115.6	119.0	124.2	113.0	114.6	118.0	123.2	110.0	111.6	115.0	120.2	104.9	106.5	109.9	115.1	98.6	100.3	103.7	108.9	92.9	94.5	97.9	103.1
		S/T	0.75	0.67	0.54	0.4	0.76	0.68	0.54	0.4	1.00	0.71	0.57	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.61	0.5	1.00	1.00	0.66	0.5
		ΔT	21.81	20.13	17.00	13.8	21.76	20.09	16.96	13.7	22.00	20.32	17.19	14.0	21.75	20.07	16.94	13.7	21.52	19.85	16.72	13.5	22.57	20.89	17.77	14.5
		kW	7.31	7.30	7.29	7.4	8.19	8.18	8.17	8.2	9.17	9.16	9.15	9.2	10.23	10.23	10.21	10.3	11.42	11.41	11.40	11.5	12.81	12.81	12.79	12.9
		Amps	27.76	27.73	27.66	28.0	31.78	31.75	31.68	32.0	36.28	36.25	36.18	36.5	41.14	41.11	41.04	41.3	46.57	46.54	46.47	46.8	52.94	52.91	52.84	53.2
		Hi PR	265	266	268	272.1	306	307	309	313.8	350	351	353	357.5	397	398	400	404.5	448	449	451	455.3	502	503	505	509.4
		Lo PR	124	126	129	134.4	132	134	137	142.0	139	140	143	148.6	144	146	149	154.2	150	151	154	159.7	157	158	161	166.6
	4000	MBh	115.5	117.1	120.5	125.7	114.5	116.1	119.5	124.7	111.5	113.1	116.5	121.7	106.4	**108.0**	111.4	116.6	100.1	101.7	105.2	110.4	94.4	96.0	99.4	104.6
		S/T	0.81	0.74	0.60	0.5	1.00	0.74	0.60	0.5	1.00	0.77	0.63	0.5	1.00	**0.79**	0.65	0.5	1.00	0.81	0.67	0.5	1.00	1.00	0.72	0.6
		ΔT	20.80	19.12	15.99	12.7	20.75	19.07	15.94	12.7	20.99	19.31	16.18	12.9	20.73	**19.06**	15.93	12.7	20.51	18.83	15.70	12.5	21.56	19.88	16.75	13.5
		kW	7.36	7.35	7.33	7.4	8.23	8.23	8.21	8.3	9.22	9.21	9.19	9.3	10.28	**10.27**	10.26	10.3	11.47	11.46	11.44	11.5	12.86	12.85	12.84	12.9
		Amps	27.97	27.94	27.87	28.2	31.99	31.96	31.89	32.2	36.49	36.45	36.39	36.7	41.35	**41.32**	41.25	41.6	46.78	46.75	46.68	47.0	53.15	53.12	53.05	53.4
		Hi PR	267	268	270	274.4	308	310	311	316.1	352	353	355	359.7	399	**400**	402	406.8	450	451	453	457.5	504	505	507	511.6
		Lo PR	126	128	131	136.2	134	135	139	143.8	140	142	145	150.4	146	**148**	151	156.0	152	153	156	161.5	158	160	163	168.4
	4500	MBh	117.3	118.9	122.3	127.5	116.3	117.9	121.3	126.5	113.3	114.9	118.3	123.5	108.2	109.8	113.2	118.4	101.9	103.5	107.0	112.1	96.2	97.8	101.2	106.4
		S/T	0.85	0.77	0.63	0.5	1.00	0.78	0.64	0.5	1.00	0.80	0.66	0.5	1.00	0.82	0.68	0.5	1.00	1.00	0.71	0.6	1.00	1.00	0.76	0.6
		ΔT	19.94	18.27	15.14	11.9	19.90	18.22	15.09	11.9	20.13	18.46	15.33	12.1	19.88	18.20	15.08	11.8	19.66	17.98	14.85	11.6	20.71	19.03	15.90	12.7
		kW	7.39	7.39	7.37	7.4	8.27	8.27	8.25	8.3	9.25	9.25	9.23	9.3	10.32	10.31	10.29	10.4	11.50	11.50	11.48	11.5	12.90	12.89	12.87	12.9
		Amps	28.14	28.11	28.04	28.4	32.17	32.14	32.07	32.4	36.66	36.63	36.56	36.9	41.52	41.49	41.42	41.7	46.95	46.92	46.85	47.2	53.33	53.30	53.23	53.5
		Hi PR	269	270	272	276.5	311	312	314	318.2	354	355	357	361.9	401	403	404	409.0	452	453	455	459.7	506	507	509	513.8
		Lo PR	128	130	133	138.3	136	137	141	145.8	142	144	147	152.5	148	150	153	158.1	154	155	158	163.6	160	162	165	170.5

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	3500	MBh	114.6	116.2	119.6	124.8	113.6	115.2	118.6	123.8	110.6	112.2	115.6	120.8	105.5	107.1	110.5	115.7	99.2	100.8	104.2	109.4	93.5	95.1	98.5	103.7
		S/T	1.00	0.80	0.66	0.5	1.00	0.81	0.67	0.5	1.00	0.83	0.70	0.5	1.00	1.00	0.72	0.6	1.00	1.00	0.74	0.6	1.00	1.00	0.79	0.6
		ΔT	25.52	23.84	20.71	17.5	25.47	23.80	20.67	17.4	25.71	24.03	20.90	17.7	25.46	23.78	20.65	17.4	25.23	23.56	20.43	17.2	26.28	24.61	21.48	18.2
		kW	7.31	7.31	7.29	7.4	8.19	8.19	8.17	8.2	9.18	9.17	9.15	9.2	10.24	10.23	10.22	10.3	11.42	11.42	11.40	11.5	12.82	12.81	12.79	12.9
		Amps	27.78	27.75	27.68	28.0	31.81	31.77	31.71	32.0	36.30	36.27	36.20	36.5	41.16	41.13	41.06	41.4	46.59	46.56	46.49	46.8	52.96	52.93	52.86	53.2
		Hi PR	265	266	268	272.6	307	308	310	314.3	350	352	353	358.0	397	399	400	405.0	448	449	451	455.7	502	503	505	509.9
		Lo PR	125	126	130	135.0	133	134	137	142.5	139	141	144	149.2	145	146	149	154.8	150	152	155	160.3	157	159	162	167.2
	4000	MBh	116.1	117.7	121.1	126.3	115.1	116.7	120.1	125.3	112.1	113.7	117.1	122.3	107.0	108.6	**112.0**	117.2	100.7	102.3	105.7	110.9	95.0	96.6	100.0	105.2
		S/T	1.00	0.86	0.73	0.6	1.00	0.87	0.73	0.6	1.00	0.90	0.76	0.6	1.00	1.00	**0.78**	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.85	0.7
		ΔT	24.51	22.83	19.70	16.5	24.46	22.78	19.66	16.4	24.70	23.02	19.89	16.6	24.44	22.77	**19.64**	16.4	24.22	22.54	19.41	16.2	25.27	23.59	20.46	17.2
		kW	7.36	7.35	7.34	7.4	8.24	8.23	8.22	8.3	9.22	9.21	9.20	9.3	10.28	10.28	**10.26**	10.3	11.47	11.46	11.45	11.5	12.86	12.86	12.84	12.9
		Amps	27.99	27.96	27.89	28.2	32.01	31.98	31.91	32.2	36.51	36.48	36.41	36.7	41.37	41.34	**41.27**	41.6	46.80	46.77	46.70	47.0	53.17	53.14	53.07	53.4
		Hi PR	267	268	270	274.8	309	310	312	316.5	353	354	356	360.2	400	401	**403**	407.3	450	452	453	458.0	505	506	508	512.1
		Lo PR	127	128	131	136.8	134	136	139	144.4	141	143	146	151.0	147	148	**151**	156.6	152	154	157	162.1	159	161	164	169.0
	4500	MBh	117.9	119.5	122.9	128.1	116.9	118.5	121.9	127.1	113.9	115.5	118.9	124.1	108.8	110.4	113.8	119.0	102.5	104.1	107.5	112.7	96.8	98.4	101.8	107.0
		S/T	1.00	0.90	0.76	0.6	1.00	0.91	0.77	0.6	1.00	0.93	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.83	0.7	1.00	1.00	0.89	0.7
		ΔT	23.65	21.98	18.85	15.6	23.61	21.93	18.80	15.6	23.84	22.17	19.04	15.8	23.59	21.91	18.79	15.5	23.37	21.69	18.56	15.3	24.42	22.74	19.61	16.4
		kW	7.40	7.39	7.38	7.4	8.28	8.27	8.26	8.3	9.26	9.25	9.24	9.3	10.32	10.31	10.30	10.4	11.51	11.50	11.49	11.6	12.90	12.89	12.88	12.9
		Amps	28.17	28.13	28.06	28.4	32.19	32.16	32.09	32.4	36.68	36.65	36.58	36.9	41.54	41.51	41.44	41.8	46.98	46.94	46.88	47.2	53.35	53.32	53.25	53.6
		Hi PR	269	271	272	277.0	311	312	314	318.7	355	356	358	362.4	402	403	405	409.5	453	454	456	460.2	507	508	510	514.3
		Lo PR	129	130	134	138.8	136	138	141	146.4	143	145	148	153.0	149	150	153	158.6	154	156	159	164.1	161	163	166	171.0
85	3500	MBh	116.5	118.1	121.5	126.7	115.5	117.1	120.5	125.7	112.5	114.1	117.5	122.7	107.4	109.0	112.4	117.6	101.2	102.8	106.2	111.4	95.4	97.1	100.5	105.7
		S/T	1.00	0.91	0.77	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.80	0.7	1.00	1.00	0.82	0.7	1.00	1.00	0.84	0.7	1.00	1.00	1.00	0.7
		ΔT	28.81	27.13	24.00	20.8	28.76	27.09	23.96	20.7	29.00	27.32	24.19	21.0	28.75	27.07	23.94	20.7	28.52	26.85	23.72	20.5	29.57	27.90	24.77	21.5
		kW	7.33	7.32	7.31	7.4	8.21	8.20	8.19	8.3	9.19	9.19	9.17	9.2	10.25	10.25	10.23	10.3	11.44	11.43	11.42	11.5	12.83	12.83	12.81	12.9
		Amps	27.86	27.83	27.76	28.1	31.88	31.85	31.78	32.1	36.38	36.34	36.28	36.6	41.24	41.21	41.14	41.4	46.67	46.64	46.57	46.9	53.04	53.01	52.94	53.2
		Hi PR	266	267	269	273.8	308	309	311	315.5	352	353	355	359.2	399	400	402	406.3	449	451	452	457.0	504	505	507	511.1
		Lo PR	127	128	132	136.8	134	136	139	144.4	141	143	146	151.0	147	148	151	156.6	152	154	157	162.1	159	161	164	169.0
	4000	MBh	118.0	119.6	123.0	128.2	117.0	118.6	122.0	127.2	114.0	115.6	119.0	124.2	108.9	110.5	113.9	119.1	102.6	104.3	107.7	112.9	96.9	98.5	102.0	107.2
		S/T	1.00	0.97	0.83	0.7	1.00	1.00	0.84	0.7	1.00	1.00	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	27.80	26.12	22.99	19.7	27.75	26.08	22.95	19.7	27.99	26.31	23.18	19.9	27.73	26.06	22.93	19.7	27.51	25.83	22.70	19.5	28.56	26.88	23.75	20.5
		kW	7.38	7.37	7.35	7.4	8.26	8.25	8.23	8.3	9.24	9.23	9.22	9.3	10.30	10.29	10.28	10.3	11.49	11.48	11.46	11.5	12.88	12.87	12.86	12.9
		Amps	28.07	28.04	27.97	28.3	32.09	32.06	31.99	32.3	36.58	36.55	36.48	36.8	41.45	41.41	41.35	41.7	46.88	46.85	46.78	47.1	53.25	53.22	53.15	53.5
		Hi PR	268	270	271	276.1	310	311	313	317.8	354	355	357	361.5	401	402	404	408.5	452	453	455	459.2	506	507	509	513.4
		Lo PR	129	130	133	138.7	136	138	141	146.2	143	144	148	152.9	148	150	153	158.5	154	155	159	164.0	161	162	166	170.8
	4500	MBh	119.8	121.4	124.8	130.0	118.8	120.4	123.8	129.0	115.8	117.4	120.8	126.0	110.7	112.3	115.7	120.9	104.4	106.1	109.5	114.7	98.7	100.3	103.7	108.9
		S/T	1.00	1.00	0.86	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.90	0.7	1.00	1.00	0.92	0.8	1.00	1.00	1.00	0.8	1.00	1.00	1.00	0.8
		ΔT	26.94	25.27	22.14	18.9	26.90	25.22	22.09	18.9	27.13	25.46	22.33	19.1	26.88	25.21	22.08	18.8	26.66	24.98	21.85	18.6	27.71	26.03	22.90	19.7
		kW	7.41	7.41	7.39	7.5	8.29	8.29	8.27	8.3	9.28	9.27	9.25	9.3	10.34	10.33	10.32	10.4	11.53	11.52	11.50	11.6	12.92	12.91	12.90	13.0
		Amps	28.24	28.21	28.14	28.4	32.27	32.24	32.17	32.5	36.76	36.73	36.66	37.0	41.62	41.59	41.52	41.8	47.05	47.02	46.95	47.3	53.43	53.39	53.33	53.6
		Hi PR	271	272	274	278.3	312	314	315	320.0	356	357	359	363.7	403	404	406	410.7	454	455	457	461.4	508	509	511	515.5
		Lo PR	131	132	135	140.7	138	140	143	148.3	145	146	150	154.9	150	152	155	160.5	156	158	161	166.0	163	164	168	172.9

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	3850	MBh	142.4	144.4	148.7	-	141.2	143.2	147.4	-	137.4	139.5	143.7	-	131.0	133.1	137.3	-	123.2	125.2	129.5	-	116.1	118.1	122.3	-
		S/T	0.64	0.53	0.37	-	0.66	0.55	0.37	-	0.68	0.57	0.38	-	0.71	0.59	0.40	-	0.73	0.62	0.41	-	0.75	0.63	0.42	-
		ΔT	20.30	18.42	14.92	-	20.25	18.37	14.87	-	20.51	18.64	15.13	-	20.23	18.35	14.85	-	19.98	18.10	14.60	-	21.16	19.28	15.77	-
		kW	9.43	9.42	9.41	-	10.59	10.58	10.56	-	11.88	11.87	11.85	-	13.28	13.27	13.25	-	14.84	14.84	14.82	-	16.68	16.67	16.65	-
		Amps	36.29	36.25	36.16	-	41.59	41.55	41.46	-	47.51	47.46	47.37	-	53.91	53.86	53.77	-	61.06	61.01	60.92	-	69.45	69.40	69.31	-
		Hi PR	261	262	264	-	302	303	305	-	346	347	348	-	392	393	395	-	442	443	445	-	496	497	499	-
		Lo PR	114	115	118	-	121	122	125	-	127	128	131	-	132	133	136	-	137	138	141	-	143	145	147	-
	4400	MBh	144.3	146.3	150.6	-	143.0	145.0	149.3	-	139.3	141.3	145.6	-	132.9	134.9	139.2	-	125.1	127.1	131.4	-	118.0	120.0	124.2	-
		S/T	0.65	0.56	0.42	-	0.67	0.58	0.43	-	0.69	0.60	0.44	-	0.72	0.63	0.46	-	0.74	0.63	0.47	-	0.76	0.66	0.48	-
		ΔT	19.17	17.29	13.78	-	19.12	17.24	13.73	-	19.38	17.50	14.00	-	19.10	17.22	13.71	-	18.85	16.97	13.46	-	20.02	18.14	14.64	-
		kW	9.49	9.48	9.47	-	10.65	10.64	10.62	-	11.94	11.93	11.91	-	13.34	13.33	13.31	-	14.90	14.90	14.88	-	16.74	16.73	16.71	-
		Amps	36.57	36.53	36.44	-	41.87	41.82	41.73	-	47.78	47.74	47.65	-	54.18	54.14	54.05	-	61.33	61.29	61.20	-	69.72	69.68	69.59	-
		Hi PR	263	264	266	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-	498	499	501	-
		Lo PR	115	117	120	-	122	124	127	-	128	130	133	-	134	135	138	-	139	140	143	-	145	146	149	-
	4950	MBh	146.6	148.6	152.8	-	145.3	147.3	151.5	-	141.6	143.6	147.8	-	135.2	137.2	141.4	-	127.3	129.4	133.6	-	120.2	122.2	126.5	-
		S/T	0.67	0.58	0.44	-	0.69	0.60	0.45	-	0.71	0.62	0.51	-	0.74	0.64	0.48	-	0.76	0.67	0.49	-	0.78	0.68	0.50	-
		ΔT	18.21	16.34	12.83	-	18.16	16.28	12.78	-	18.43	16.55	13.04	-	18.14	16.26	12.76	-	17.89	16.01	12.51	-	19.07	17.19	13.68	-
		kW	9.54	9.54	9.52	-	10.70	10.69	10.67	-	11.99	11.99	11.97	-	13.39	13.38	13.36	-	14.96	14.95	14.93	-	16.79	16.78	16.76	-
		Amps	36.80	36.76	36.67	-	42.10	42.05	41.96	-	48.01	47.97	47.88	-	54.41	54.37	54.28	-	61.56	61.52	61.43	-	69.95	69.91	69.82	-
		Hi PR	266	267	268	-	307	308	310	-	350	351	353	-	396	397	399	-	446	448	449	-	500	501	503	-
		Lo PR	117	119	122	-	124	126	128	-	130	132	135	-	135	137	140	-	140	142	145	-	147	148	151	-
75	3850	MBh	142.5	144.5	148.8	155.3	141.2	143.3	147.5	154.0	137.5	139.5	143.8	150.3	131.1	133.1	137.4	143.9	123.3	125.3	129.6	136.1	116.2	118.2	122.4	128.9
		S/T	0.73	0.66	0.56	0.32	0.76	0.69	0.52	0.34	0.78	0.69	0.55	0.37	0.84	0.72	0.57	0.40	0.86	0.74	0.62	0.40	0.90	0.77	0.64	0.45
		ΔT	24.43	22.55	19.05	15.42	24.38	22.50	19.00	15.36	24.64	22.77	19.26	15.63	24.36	22.48	18.98	15.34	24.11	22.23	18.73	15.09	25.28	23.41	19.90	16.27
		kW	9.43	9.42	9.40	9.49	10.58	10.57	10.56	10.64	11.88	11.87	11.85	11.94	13.27	13.27	13.25	13.33	14.84	14.83	14.81	14.90	16.67	16.66	16.64	16.73
		Amps	36.26	36.22	36.13	36.53	41.56	41.51	41.42	41.83	47.47	47.43	47.34	47.74	53.87	53.83	53.74	54.14	61.02	60.98	60.89	61.29	69.41	69.37	69.28	69.68
		Hi PR	261	262	264	269	303	304	306	310	346	347	349	353	392	393	395	400	442	443	445	450	496	497	499	503
		Lo PR	114	115	118	123	121	122	125	130	127	128	131	136	132	133	136	141	137	138	141	146	143	145	148	152
	4400	MBh	144.4	146.4	150.7	157.2	143.1	145.1	149.4	155.9	139.4	141.4	145.7	152.2	133.0	**135.0**	139.3	145.8	125.2	127.2	131.4	137.9	118.0	120.0	124.3	130.8
		S/T	0.72	0.66	0.54	0.33	0.75	0.69	0.56	0.34	0.77	0.72	0.54	0.35	0.80	**0.73**	0.60	0.39	0.82	0.76	0.64	0.41	0.90	0.84	0.67	0.43
		ΔT	23.30	21.42	17.91	14.28	23.24	21.37	17.86	14.23	23.51	21.63	18.13	14.49	23.23	**21.35**	17.84	14.21	22.97	21.10	17.59	13.96	24.15	22.27	18.77	15.13
		kW	9.49	9.48	9.46	9.55	10.64	10.64	10.62	10.70	11.94	11.93	11.91	12.00	13.33	**13.33**	13.31	13.39	14.90	14.89	14.87	14.96	16.73	16.72	16.70	16.79
		Amps	36.53	36.49	36.40	36.81	41.83	41.79	41.70	42.10	47.75	47.70	47.61	48.02	54.15	**54.10**	54.01	54.42	61.30	61.25	61.16	61.57	69.69	69.64	69.55	69.96
		Hi PR	264	265	267	271	305	306	308	312	348	349	351	355	394	**396**	397	402	445	446	448	452	498	499	501	506
		Lo PR	115	117	120	125	122	124	127	132	128	130	133	138	134	**135**	138	143	139	140	143	148	145	146	149	154
	4950	MBh	146.6	148.6	152.9	159.4	145.4	147.4	151.6	158.1	141.6	143.7	147.9	154.4	135.2	137.3	141.5	148.0	127.4	129.4	133.7	140.2	120.3	122.3	126.5	133.0
		S/T	0.74	0.69	0.57	0.35	0.77	0.71	0.58	0.37	0.80	0.75	0.57	0.39	0.82	0.77	0.61	0.41	0.85	0.79	0.67	0.43	0.92	0.87	0.69	0.45
		ΔT	22.34	20.46	16.96	13.33	22.29	20.41	16.91	13.27	22.55	20.68	17.17	13.54	22.27	20.39	16.89	13.26	22.02	20.14	16.64	13.00	23.20	21.32	17.81	14.18
		kW	9.54	9.53	9.51	9.60	10.69	10.69	10.67	10.75	11.99	11.98	11.96	12.05	13.39	13.38	13.36	13.44	14.95	14.94	14.92	15.01	16.78	16.77	16.75	16.84
		Amps	36.76	36.72	36.63	37.04	42.06	42.02	41.93	42.33	47.98	47.93	47.84	48.25	54.38	54.33	54.24	54.65	61.53	61.49	61.39	61.80	69.92	69.87	69.78	70.19
		Hi PR	266	267	269	273	307	308	310	314	350	351	353	358	397	398	400	404	447	448	450	454	500	501	503	508
		Lo PR	117	119	122	126	124	126	129	133	130	132	135	139	135	137	140	145	140	142	145	150	147	148	151	156

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow	ID WB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	3850	MBh	143.3	145.3	149.5	156.0	142.0	144.0	148.2	154.7	138.3	140.3	144.5	151.0	131.9	133.9	138.1	144.6	124.0	126.1	130.3	136.8	116.9	118.9	123.2	129.7
		S/T	0.80	0.75	0.62	0.45	0.83	0.79	0.64	0.50	0.85	0.81	0.65	0.52	0.87	0.82	0.67	0.53	0.92	0.86	0.72	0.54	0.99	0.93	0.77	0.58
		ΔT	28.59	26.71	23.20	19.57	28.54	26.66	23.15	19.52	28.80	26.92	23.42	19.78	28.52	26.64	23.13	19.50	28.27	26.39	22.88	19.25	29.44	27.56	24.06	20.43
		kW	9.43	9.42	9.40	9.49	10.59	10.58	10.56	10.65	11.88	11.87	11.85	11.94	13.28	13.27	13.25	13.34	14.84	14.83	14.81	14.90	16.68	16.67	16.65	16.74
		Amps	36.29	36.24	36.15	36.56	41.58	41.54	41.45	41.86	47.50	47.46	47.37	47.77	53.90	53.86	53.77	54.17	61.05	61.01	60.92	61.32	69.44	69.40	69.31	69.71
		Hi PR	262	263	265	269	303	304	306	311	346	347	349	354	393	394	396	400	443	444	446	450	496	497	499	503.83
		Lo PR	114	116	119	123	121	123	125	130	127	129	132	136	132	134	137	142	137	139	142	147	144	145	148	152.85
	4400	MBh	145.1	147.1	151.4	157.9	143.9	145.9	150.1	156.6	140.1	142.1	146.4	152.9	133.7	135.7	**140.0**	146.5	125.9	127.9	132.2	138.7	118.8	120.8	125.0	131.5
		S/T	0.82	0.77	0.62	0.45	0.85	0.79	0.64	0.48	0.88	0.81	0.66	0.51	0.91	0.73	**0.71**	0.54	0.95	0.90	0.74	0.56	1.00	0.97	0.80	0.61
		ΔT	27.45	25.57	22.07	18.44	27.40	25.52	22.02	18.39	27.66	25.79	22.28	18.65	27.38	25.50	**22.00**	18.37	27.13	25.25	21.75	18.12	28.31	26.43	22.92	19.29
		kW	9.49	9.48	9.46	9.55	10.65	10.64	10.62	10.71	11.94	11.93	11.91	12.00	13.34	13.33	**13.31**	13.40	14.90	14.89	14.87	14.96	16.74	16.73	16.71	16.80
		Amps	36.56	36.52	36.43	36.83	41.86	41.82	41.73	42.13	47.77	47.73	47.64	48.05	54.17	54.13	**54.04**	54.45	61.32	61.28	61.19	61.60	69.71	69.67	69.58	69.99
		Hi PR	264	265	267	272	305	306	308	313	348	350	351	356	395	396	**398**	402	445	446	448	453	499	500	501	506
		Lo PR	116	117	120	125	123	124	127	132	129	130	133	138	134	135	**138**	143	139	140	143	148	145	147	150	155
	4950	MBh	147.4	149.4	153.6	160.1	146.1	148.1	152.4	158.9	142.4	144.4	148.6	155.1	136.0	138.0	142.2	148.7	128.2	130.2	134.4	140.9	121.0	123.0	127.3	133.8
		S/T	0.84	0.79	0.65	0.47	0.87	0.83	0.67	0.53	0.90	0.83	0.68	0.53	0.93	0.76	0.73	0.55	0.97	0.93	0.77	0.59	1.00	0.99	0.81	0.64
		ΔT	26.50	24.62	21.11	17.48	26.45	24.57	21.06	17.43	26.71	24.83	21.33	17.69	26.43	24.55	21.04	17.41	26.18	24.30	20.79	17.16	27.35	25.47	21.97	18.34
		kW	9.54	9.53	9.51	9.60	10.70	10.69	10.67	10.76	11.99	11.98	11.96	12.05	13.39	13.38	13.36	13.45	14.95	14.94	14.92	15.01	16.79	16.78	16.76	16.85
		Amps	36.79	36.75	36.66	37.06	42.09	42.05	41.96	42.36	48.00	47.96	47.87	48.28	54.40	54.36	54.27	54.68	61.55	61.51	61.42	61.83	69.94	69.90	69.81	70.22
		Hi PR	266	267	269	274	307	309	310	315	351	352	354	358	397	398	400	405	447	448	450	455	501	502	504	508
		Lo PR	118	119	122	127	125	126	129	134	131	132	135	140	136	137	140	145	141	142	145	150	147	149	152	156
85	3850	MBh	145.7	147.7	151.9	158.4	144.4	146.4	150.6	157.1	140.7	142.7	146.9	153.4	134.3	136.3	140.5	147.0	126.4	128.5	132.7	139.2	119.3	121.3	125.6	132.1
		S/T	0.84	0.79	0.65	0.47	0.87	0.83	0.67	0.53	0.90	0.83	0.68	0.53	0.93	0.76	0.73	0.55	0.97	0.93	0.77	0.59	0.94	0.93	0.83	0.64
		ΔT	32.27	30.40	26.89	23.26	32.22	30.34	26.84	23.21	32.49	30.61	27.10	23.47	32.20	30.32	26.82	23.19	31.95	30.07	26.57	22.94	33.13	31.25	27.74	24.11
		kW	9.45	9.45	9.43	9.51	10.61	10.60	10.58	10.67	11.90	11.90	11.88	11.96	13.30	13.29	13.27	13.36	14.87	14.86	14.84	14.93	16.70	16.69	16.67	16.76
		Amps	36.39	36.35	36.26	36.66	41.69	41.64	41.55	41.96	47.60	47.56	47.47	47.87	54.00	53.96	53.87	54.27	61.15	61.11	61.02	61.42	69.54	69.50	69.41	69.81
		Hi PR	263	264	266	271	304	305	307	312	347	349	350	355	394	395	397	401	444	445	447	452	498	499	501	505
		Lo PR	116	117	120	125	123	124	127	132	129	130	133	138	134	135	138	143	139	141	143	148	145	147	150	155
	4400	MBh	147.5	149.5	153.8	160.3	146.3	148.3	152.5	159.0	142.5	144.5	148.8	155.3	136.1	138.1	142.4	148.9	128.3	130.3	134.6	141.1	121.2	123.2	127.4	133.9
		S/T	0.87	0.85	0.76	0.62	0.91	0.88	0.79	0.65	0.93	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.95	0.78
		ΔT	31.14	29.26	25.76	22.12	31.09	29.21	25.70	22.07	31.35	29.47	25.97	22.34	31.07	29.19	25.68	22.05	30.82	28.94	25.43	21.80	31.99	30.11	26.61	22.98
		kW	9.51	9.51	9.49	9.57	10.67	10.66	10.64	10.73	11.96	11.96	11.94	12.02	13.36	13.35	13.33	13.42	14.93	14.92	14.90	14.99	16.76	16.75	16.73	16.82
		Amps	36.66	36.62	36.53	36.94	41.96	41.92	41.83	42.23	47.87	47.83	47.74	48.15	54.27	54.23	54.14	54.55	61.43	61.38	61.29	61.70	69.82	69.77	69.68	70.09
		Hi PR	265	266	268	273	306	308	309	314	350	351	353	357	396	397	399	404	446	447	449	454	500	501	503	507
		Lo PR	118	119	122	127	125	126	129	134	131	132	135	140	136	137	140	145	141	142	145	150	147	148	151	156
	4950	MBh	149.8	151.8	156.0	162.5	148.5	150.5	154.8	161.3	144.8	146.8	151.0	157.5	138.4	140.4	144.6	151.1	130.6	132.6	136.8	143.3	123.4	125.4	129.7	136.2
		S/T	0.89	0.87	0.78	0.64	0.93	0.90	0.81	0.67	0.95	0.93	0.85	0.68	0.98	0.95	0.86	0.66	1.00	0.98	0.89	0.73	1.00	1.00	0.97	0.80
		ΔT	30.18	28.31	24.80	21.17	30.13	28.25	24.75	21.12	30.40	28.52	25.01	21.38	30.11	28.24	24.73	21.10	29.86	27.98	24.48	20.85	31.04	29.16	25.65	22.02
		kW	9.57	9.56	9.54	9.62	10.72	10.71	10.69	10.78	12.01	12.01	11.99	12.07	13.41	13.40	13.38	13.47	14.98	14.97	14.95	15.04	16.81	16.80	16.78	16.87
		Amps	36.89	36.85	36.76	37.17	42.19	42.15	42.06	42.46	48.11	48.06	47.97	48.38	54.51	54.46	54.37	54.78	61.66	61.61	61.52	61.93	70.05	70.00	69.91	70.32
		Hi PR	267	269	270	275	309	310	312	316	352	353	355	359	398	399	401	406	448	450	451	456	502	503	505	509
		Lo PR	120	121	124	129	126	128	131	136	132	134	137	142	138	139	142	147	143	144	147	152	149	150	153	158

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

Belt-Drive Kits

	Model #	Min Airflow	EHXB-3M15	EHXB-3M16	EHXB-3M30	EHXB-3M31	EHXB-3M45	EHXB-3M46	EHSB-3M15	EHSB-3M16	EHSB-3M30	EHSB-3M31	EHSB-3M45	EHSB-3M46	EHXB-4M15	EHXB-4M16	EHXB-4M30	EHXB-4M31	EHXB-4M45	EHXB-4M46	EHSB-4M15	EHSB-4M16	EHSB-4M30	EHSB-4M31	EHSB-4M45	EHSB-4M46	EHXB-7M15	EHXB-7M16	EHXB-7M30	EHXB-7M31	EHXB-7M45	EHXB-7M46	EHSB-7M15	EHSB-7M16	EHSB-7M30	EHSB-7M31	EHSB-7M45	EHSB-7M46
BELC HP Belt-Drive STANDARD STATIC	DBH0903V	2400	X		X		X		X		X		X																									
	DBH0904V	2400													X		X		X		X		X		X													
	DBH0907V	2400																									X		X		X		X		X		X	
	DBH1023V	2750	X		X		X		X		X		X																									
	DBH1024V	2750													X		X		X		X		X		X													
	DBH1027V	2750																									X		X		X		X		X		X	
	DBH1203V	3250		X		X		X		X		X		X																								
	DBH1204V	3250														X		X		X		X		X		X												
	DBH1207V	3250																										X		X		X		X		X		X
	DBH1503V	3750	X		X		X		X		X		X																									
	DBH1504V	3750													X		X		X		X		X		X													
	DBH1507V	3750																									X		X		X		X		X		X	
BELC HP Belt-Drive High-Static	DBH0903S	2400	X		X		X		X		X		X																									
	DBH0904S	2400													X		X		X		X		X		X													
	DBH0907S	2400																									X		X		X		X		X		X	
	DBH1023S	2750	X		X		X		X		X		X																									
	DBH1024S	2750													X		X		X		X		X		X													
	DBH1027S	2750																									X		X		X		X		X		X	
	DBH1203S	3250		X		X		X		X		X		X																								
	DBH1204S	3250														X		X		X		X		X		X												
	DBH1207S	3250																										X		X		X		X		X		X
	DBH1503S	3750	X		X		X		X		X		X																									
	DBH1504S	3750													X		X		X		X		X		X													
	DBH1507S	3750																									X		X		X		X		X		X	

DBH090*V Standard Static Downshot

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1	-	-	-	-	-	-	-	-	-	-	-	-	3532	620	1.05	3276	600	0.78
0.2	-	-	-	-	-	-	-	-	-	3601	663	1.13	3264	620	0.93	2947	600	0.67
0.3	-	-	-	-	-	-	3654	707	1.18	3323	663	1.00	2955	620	0.81	2617	600	0.57
0.4	-	-	-	3728	748	1.24	3377	707	1.05	3011	663	0.87	2606	620	0.68	-	-	-
0.5	3791	786	1.44	3456	748	1.11	3072	707	0.92	2664	663	0.74	-	-	-	-	-	-
0.6	3519	786	1.29	3159	748	0.98	2740	707	0.79	-	-	-	-	-	-	-	-	-
0.7	3228	786	1.14	2839	748	0.86	-	-	-	-	-	-	-	-	-	-	-	-
0.8	2917	786	1.00	2496	748	0.73	-	-	-	-	-	-	-	-	-	-	-	-

DBH090*S High-Static Downshot

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8	-	-	-	-	-	-	-	-	-	-	-	-	3726	889	1.87	3347	836	1.59
0.9	-	-	-	-	-	-	-	-	-	-	-	-	3575	888	1.78	3078	837	1.43
1.0	-	-	-	-	-	-	-	-	-	3782	939	2.10	3345	888	1.64	2808	838	1.28
1.1	-	-	-	-	-	-	-	-	-	3549	940	1.94	3035	889	1.46	2539	840	1.14
1.2	-	-	-	-	-	-	-	-	-	3310	942	1.77	2645	891	1.25	-	-	-
1.3	-	-	-	-	-	-	3631	987	2.05	3064	943	1.62	-	-	-	-	-	-
1.4	-	-	-	-	-	-	3398	990	1.89	2811	944	1.46	-	-	-	-	-	-
1.5	-	-	-	3727	1044	2.32	3152	993	1.73	2552	945	1.31	-	-	-	-	-	-
1.6	-	-	-	3506	1047	2.15	2896	996	1.57	-	-	-	-	-	-	-	-	-
1.7	3796	1093	2.82	3276	1050	1.98	2628	1000	1.41	-	-	-	-	-	-	-	-	-
1.8	3574	1096	2.62	3038	1053	1.81	-	-	-	-	-	-	-	-	-	-	-	-

DBH090*V Standard Static Horizontal

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1	-	-	-	-	-	-	3758	707	1.23	3479	663	1.07	3170	620	0.86	3000	600	0.69
0.2	-	-	-	-	-	-	3612	707	1.16	3356	663	1.02	3004	620	0.79	2685	600	0.59
0.3	-	-	-	3714	748	1.24	3415	707	1.07	3115	663	0.92	2736	620	0.69	-	-	-
0.4	3776	786	1.43	3499	748	1.14	3169	707	0.97	2756	663	0.78	-	-	-	-	-	-
0.5	3560	786	1.32	3225	748	1.02	2872	707	0.85	-	-	-	-	-	-	-	-	-
0.6	3306	786	1.19	2891	748	0.88	2526	707	0.72	-	-	-	-	-	-	-	-	-
0.7	3014	786	1.05	2498	748	0.74	-	-	-	-	-	-	-	-	-	-	-	-
0.8	2685	786	0.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DBH090*S High-Static Horizontal

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8	-	-	-	-	-	-	-	-	-	-	-	-	3582	889	1.78	2926	836	1.34
0.9	-	-	-	-	-	-	-	-	-	-	-	-	3144	888	1.52	2659	837	1.20
1.0	-	-	-	-	-	-	-	-	-	3582	939	1.96	2797	888	1.32	-	-	-
1.1	-	-	-	-	-	-	3727	983	2.12	3282	940	1.75	2540	889	1.19	-	-	-
1.2	-	-	-	-	-	-	3469	985	1.94	2952	942	1.55	-	-	-	-	-	-
1.3	-	-	-	3779	1038	2.37	3209	987	1.77	2593	943	1.33	-	-	-	-	-	-
1.4	-	-	-	3520	1041	2.17	2948	990	1.60	-	-	-	-	-	-	-	-	-
1.5	-	-	-	3249	1044	1.97	2686	993	1.45	-	-	-	-	-	-	-	-	-
1.6	3590	1090	2.65	2965	1047	1.77	2422	996	1.30	-	-	-	-	-	-	-	-	-
1.7	3328	1093	2.42	2668	1050	1.58	-	-	-	-	-	-	-	-	-	-	-	-
1.8	3052	1096	2.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DBH102*V Standard Static Downshot

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3933	610	1.29
0.2	-	-	-	-	-	-	-	-	-	-	-	-	4039	655	1.46	3658	611	1.20
0.3	-	-	-	-	-	-	-	-	-	4172	693	1.66	3763	655	1.35	3355	611	1.10
0.4	-	-	-	-	-	-	-	-	-	3914	698	1.54	3473	655	1.24	3006	612	0.99
0.5	-	-	-	-	-	-	4032	742	1.73	3629	698	1.42	3138	657	1.12	-	-	-
0.6	-	-	-	4169	787	1.95	3740	743	1.60	3287	699	1.28	-	-	-	-	-	-
0.7	-	-	-	3908	787	1.81	3428	743	1.46	2875	704	1.14	-	-	-	-	-	-
0.8	4038	832	2.05	3597	792	1.66	3071	748	1.32	-	-	-	-	-	-	-	-	-

DBH102*S High-Static Downshot

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3841	837	1.98
0.9	-	-	-	-	-	-	-	-	-	-	-	-	4060	890	2.33	3532	840	1.82
1.0	-	-	-	-	-	-	-	-	-	-	-	-	3846	893	2.19	3253	843	1.67
1.1	-	-	-	-	-	-	-	-	-	4128	941	2.61	3521	893	2.00	-	-	-
1.2	-	-	-	-	-	-	-	-	-	3903	942	2.44	3223	895	1.83	-	-	-
1.3	-	-	-	-	-	-	-	-	-	3611	945	2.25	-	-	-	-	-	-
1.4	-	-	-	-	-	-	3904	994	2.67	3320	948	2.07	-	-	-	-	-	-
1.5	-	-	-	-	-	-	3643	998	2.48	-	-	-	-	-	-	-	-	-
1.6	-	-	-	3943	1042	2.94	3356	1002	2.28	-	-	-	-	-	-	-	-	-
1.7	-	-	-	3685	1046	2.74	3175	1004	2.11	-	-	-	-	-	-	-	-	-
1.8	4151	1102	3.49	3444	1053	2.56	-	-	-	-	-	-	-	-	-	-	-	-

DBH102*V Standard Static Horizontal

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1	-	-	-	-	-	-	-	-	-	4038	699	1.63	3759	656	1.37	3485	615	1.16
0.2	-	-	-	-	-	-	4161	743	1.83	3846	699	1.54	3559	655	1.29	3269	617	1.09
0.3	-	-	-	-	-	-	3969	743	1.74	3631	699	1.45	3334	659	1.20	3018	617	1.01
0.4	-	-	-	4075	788	1.94	3775	745	1.63	3428	704	1.35	3095	661	1.11	-	-	-
0.5	-	-	-	3883	788	1.83	3571	749	1.54	3194	704	1.26	2784	661	1.01	-	-	-
0.6	4017	832	2.08	3682	789	1.73	3340	749	1.43	2877	704	1.13	-	-	-	-	-	-
0.7	3806	832	1.96	3462	793	1.61	3039	749	1.30	-	-	-	-	-	-	-	-	-
0.8	3589	835	1.82	3170	793	1.47	-	-	-	-	-	-	-	-	-	-	-	-

DBH102*S High-Static Horizontal

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8	-	-	-	-	-	-	-	-	-	4012	943	2.53	3592	893	2.05	3125	842	1.62
0.9	-	-	-	-	-	-	-	-	-	3832	945	2.40	3366	895	1.93	-	-	-
1.0	-	-	-	-	-	-	4035	997	2.80	3645	948	2.27	3155	897	1.80	-	-	-
1.1	-	-	-	-	-	-	3833	998	2.65	3399	948	2.13	2881	897	1.68	-	-	-
1.2	-	-	-	4067	1044	3.06	3663	998	2.51	3235	950	2.01	-	-	-	-	-	-
1.3	-	-	-	3866	1047	2.90	3469	1001	2.38	2966	952	1.86	-	-	-	-	-	-
1.4	-	-	-	3720	1051	2.77	3273	1003	2.24	-	-	-	-	-	-	-	-	-
1.5	-	-	-	3527	1051	2.61	-	-	-	-	-	-	-	-	-	-	-	-
1.6	3826	1107	3.14	3320	1052	2.45	-	-	-	-	-	-	-	-	-	-	-	-
1.7	3664	1110	2.98	3188	1055	2.31	-	-	-	-	-	-	-	-	-	-	-	-
1.8	3471	1110	2.83	2797	1058	2.10	-	-	-	-	-	-	-	-	-	-	-	-

DBH120*V Standard Static Downshot

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1	-	-	-	-	-	-	-	-	-	-	-	-	4836	649	1.73	4463	610	1.41
0.2	-	-	-	-	-	-	-	-	-	4976	692	1.97	4557	650	1.60	4177	610	1.30
0.3	-	-	-	-	-	-	-	-	-	4641	693	1.82	4213	653	1.47	3783	610	1.17
0.4	-	-	-	-	-	-	4818	736	2.08	4382	694	1.68	3947	655	1.34	3447	610	1.05
0.5	-	-	-	-	-	-	4521	739	1.93	4017	696	1.53	-	-	-	-	-	-
0.6	-	-	-	4673	780	2.17	4232	741	1.77	3747	698	1.40	-	-	-	-	-	-
0.7	-	-	-	4393	784	2.01	3835	745	1.59	-	-	-	-	-	-	-	-	-
0.8	4614	823	2.32	4105	786	1.86	-	-	-	-	-	-	-	-	-	-	-	-

DBH120*S High-Static Downshot

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8	-	-	-	-	-	-	-	-	-	-	-	-	4605	836	2.37	3999	786	1.82
0.9	-	-	-	-	-	-	-	-	-	-	-	-	4290	837	2.19	3624	787	1.64
1.0	-	-	-	-	-	-	-	-	-	4689	887	2.60	3975	837	2.01	-	-	-
1.1	-	-	-	-	-	-	4880	930	2.94	4292	887	2.29	-	-	-	-	-	-
1.2	-	-	-	-	-	-	4728	936	2.88	3942	887	2.08	-	-	-	-	-	-
1.3	-	-	-	-	-	-	4384	940	2.62	-	-	-	-	-	-	-	-	-
1.4	-	-	-	4773	986	3.20	4077	942	2.42	-	-	-	-	-	-	-	-	-
1.5	-	-	-	4424	989	2.92	-	-	-	-	-	-	-	-	-	-	-	-
1.6	-	-	-	4065	992	2.65	-	-	-	-	-	-	-	-	-	-	-	-
1.7	4446	1035	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8	4169	1040	2.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DBH120*V Standard Static Horizontal

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1	-	-	-	-	-	-	4870	736	2.07	4582	697	1.77	4265	654	1.46	3926	610	1.24
0.2	-	-	-	-	-	-	4671	738	1.96	4368	698	1.66	4037	654	1.37	3666	610	1.17
0.3	-	-	-	-	-	-	4464	739	1.86	4129	698	1.56	3781	657	1.27	-	-	-
0.4	-	-	-	4639	781	2.13	4311	742	1.76	3941	698	1.46	3553	658	1.18	-	-	-
0.5	-	-	-	4400	784	2.01	4013	743	1.64	3654	701	1.35	3268	660	1.08	-	-	-
0.6	-	-	-	4246	786	1.90	3858	744	1.55	3387	703	1.24	-	-	-	-	-	-
0.7	-	-	-	3997	789	1.78	3561	746	1.42	-	-	-	-	-	-	-	-	-
0.8	4152	830	2.02	3746	791	1.65	3256	747	1.29	-	-	-	-	-	-	-	-	-

DBH120*S High-Static Horizontal

ESP, In H_2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8	-	-	-	-	-	-	-	-	-	4964	881	2.76	4421	832	2.16	3857	781	1.72
0.9	-	-	-	-	-	-	-	-	-	4728	882	2.57	4180	832	2.03	3455	781	1.54
1.0	-	-	-	-	-	-	-	-	-	4505	882	2.43	3879	833	1.86	-	-	-
1.1	-	-	-	-	-	-	4800	931	2.85	4080	885	2.17	-	-	-	-	-	-
1.2	-	-	-	-	-	-	4573	932	2.68	3932	887	2.08	-	-	-	-	-	-
1.3	-	-	-	4847	977	3.15	4305	936	2.51	-	-	-	-	-	-	-	-	-
1.4	-	-	-	4636	981	2.97	3962	937	2.27	-	-	-	-	-	-	-	-	-
1.5	-	-	-	4369	985	2.77	-	-	-	-	-	-	-	-	-	-	-	-
1.6	4747	1030	3.35	4045	989	2.54	-	-	-	-	-	-	-	-	-	-	-	-
1.7	4472	1035	3.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8	3785	1041	2.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

DBH150*V STANDARD STATIC HORIZONTAL

ESP, In H2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1				5717	814	3.01	5458	774	2.24	5117	731	1.99	4780	690	1.54	4440	645	1.35
0.2				5580	814	2.91	5261	774	2.11	4885	731	1.85	4538	690	1.42	4181	645	1.23
0.3				5409	814	2.78	5042	774	1.98	4640	731	1.71	4276	690	1.30	3892	645	1.11
0.4	5541	856	2.91	5204	814	2.63	4801	774	1.83	4383	731	1.57	3994	690	1.18			
0.5	5331	856	2.76	4964	814	2.46	4538	774	1.68	4114	731	1.43						
0.6	5108	856	2.60	4690	814	2.27	4254	774	1.53	3831	731	1.29						
0.7	4872	856	2.43	4382	814	2.07	3948	774	1.37									
0.8	4622	856	2.26	4039	814	1.86												

DBH150*S HIGH STATIC HORIZONTAL

ESP, In H2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8							6109	1013	4.29	5785	975	3.57	5443	933	3.22	4992	895	2.81
0.9							5944	1013	4.11	5361	975	3.20	5092	933	2.93	4751	895	2.62
1.0				6149	1052	4.99	5761	1013	3.93	4989	975	2.89	4747	933	2.65	4472	895	2.41
1.1				5961	1052	4.78	5559	1013	3.73	4669	975	2.64	4407	933	2.40	4154	895	2.18
1.2	6126	1088	5.02	5759	1052	4.55	5338	1013	3.51	4402	975	2.45	4072	933	2.16	3798	895	1.94
1.3	5936	1088	4.81	5544	1052	4.32	5099	1013	3.29	4188	975	2.29	3742	933	1.94			
1.4	5738	1088	4.58	5316	1052	4.08	4840	1013	3.06	4025	975	2.18						
1.5	5531	1088	4.36	5074	1052	3.83	4563	1013	2.82	3915	975	2.10						
1.6	5317	1088	4.13	4819	1052	3.57	4266	1013	2.58									
1.7	5094	1088	3.90	4550	1052	3.32	3951	1013	2.33									
1.8	4863	1088	3.67	4269	1052	3.06												
1.9	4624	1088	3.44	3973	1052	2.80												

DBH150*V STANDARD STATIC DOWNSHOT

ESP, In H2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1							6178	762	2.72	5793	721	2.42	5400	681	1.84	4957	642	1.59
0.2							5963	762	2.57	5529	721	2.24	5102	681	1.69	4625	642	1.43
0.3							5716	762	2.40	5241	721	2.06	4778	681	1.53	4276	642	1.27
0.4							5439	762	2.22	4929	721	1.87	4429	681	1.36	3910	642	1.12
0.5				5581	805	2.90	5131	762	2.02	4593	721	1.68	4053	681	1.20			
0.6				5289	805	2.68	4793	762	1.82	4233	721	1.48						
0.7				4980	805	2.46	4423	762	1.61	3848	721	1.29						
0.8	5141	840	2.87	4655	805	2.24	4023	762	1.40									

DBH150*S HIGH STATIC DOWNSHOT

ESP, In H2O	TURNS OPEN																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.8													6078	935	3.79	5656	895	3.36
0.9										6269	972	4.01	5819	935	3.55	5379	895	3.12
1.0										6022	972	3.78	5545	935	3.31	5082	895	2.88
1.1							6226	1011	5.03	5760	972	3.54	5255	935	3.06	4765	895	2.63
1.2							5970	1011	4.73	5482	972	3.30	4950	935	2.82	4428	895	2.37
1.3				6118	1047	4.95	5711	1011	4.45	5189	972	3.05	4629	935	2.57	4070	895	2.12
1.4				5870	1047	4.67	5451	1011	4.16	4880	972	2.80	4293	935	2.32			
1.5	6096	1083	4.98	5624	1047	4.40	5190	1011	3.89	4556	972	2.56	3942	935	2.08			
1.6	5861	1083	4.71	5377	1047	4.14	4926	1011	3.63	4216	972	2.31						
1.7	5624	1083	4.45	5131	1047	3.88	4661	1011	3.37	3861	972	2.07						
1.8	5385	1083	4.20	4886	1047	3.64	4393	1011	3.12									
1.9	5144	1083	3.95	4641	1047	3.40	4124	1011	2.88									

Static Pressure

7.5-12.5 TONS		
DOWNFLOW ECONOMIZER PRESSURE DROP		
Cabinet	CFM	SP in.wg.
7.5 Ton	2250	.04”
	3000	.07”
	3750	.11”
8.5 Ton	2550	.06”
	3400	.10”
	4250	.16”
10 Ton	3000	.08”
	4000	.13”
	5000	.22”
12.5 Ton	3750	.14"
	5000	.24"
	6250	.36"

7.5-12.5 TONS		
HORIZONTAL ECONOMIZER PRESSURE DROP		
Cabinet	CFM	SP in.wg.
7.5 Ton	2250	.05”
	3000	.07”
	3750	.13”
8.5 Ton	2550	.07”
	3400	.13”
	4250	.18”
10 Ton	3000	.07”
	4000	.12”
	5000	.19”
12.5 Ton	3750	.09"
	5000	.15"
	6250	.24"

Electrical Data

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convienience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH0903S	208/230/3/60	2	13.1	83.1	2	0.33	3.5	2-speed Belt-Drive High-Static	3	9.1	-	-	-	-	-	45.7/45.7	50/50
											-	-	-	9.6/8.7	-	55.3/54.4	60/60
											-	-	-	-	3.3/3.0	49.0/48.7	50/50
											-	-	-	9.6/8.7	3.3/3.0	58.6/57.4	60/60
											EH*B-3M15	11.3/15.0	31.3/36.1	-	-	84.8/90.8	90/100
														9.6/8.7	-	94.4/99.5	100/100
														-	3.3/3.0	88.1/93.8	90/100
														9.6/8.7	3.3/3.0	97.7/102	100/110
											EH*B-3M30	22.5/30.0	62.5/72.2	-	-	124/136	125/150
														9.6/8.7	-	133/145	150/150
														-	3.3/3.0	127/139	150/150
														9.6/8.7	3.3/3.0	137/148	150/150
											EH*B-3M45	33.8/45.0	93.8/108	-	-	163/181	175/200
														9.6/8.7	-	173/190	175/200
														-	3.3/3.0	166/184	175/200
														9.6/8.7	3.3/3.0	176/193	200/200
DBH0903V	208/230/3/60	2	13.1	83.1	2	0.33	3.5	2-speed Belt-Drive Standard Static	2	6	-	-	-	-	-	42.6/42.6	50/50
											-	-	-	9.6/8.7	-	52.2/51.3	60/60
											-	-	-	-	3.3/3.0	45.9/45.6	50/50
											-	-	-	9.6/8.7	3.3/3.0	55.5/54.3	60/60
											EH*B-3M15	11.3/15.0	31.3/36.1	-	-	81.7/87.7	90/90
														9.6/8.7	-	91.3/96.4	100/100
														-	3.3/3.0	85.0/90.7	90/100
														9.6/8.7	3.3/3.0	94.6/99.4	100/100
											EH*B-3M30	22.5/30.0	62.5/72.2	-	-	121/133	125/150
														9.6/8.7	-	130/141	150/150
														-	3.3/3.0	124/136	125/150
														9.6/8.7	3.3/3.0	134/144	150/150
											EH*B-3M45	33.8/45.0	93.8/108	-	-	160/178	175/200
														9.6/8.7	-	169/187	175/200
														-	3.3/3.0	163/181	175/200
														9.6/8.7	3.3/3.0	173/190	175/200
DBH0904S	460/3/60	2	6.1	41	2	0.33	1.6	2-speed Belt-Drive High-Static	3	4.3	-	-	-	-	-	21.2	25
											-	-	-	4.3	-	25.5	30
											-	-	-	-	1	22.2	25
											-	-	-	4.3	1	26.5	30
											EH*B-4M15	15	18	-	-	43.8	45
														4.3	-	48.1	50
														-	1	44.8	45
														4.3	1	49.1	50
											EH*B-4M30	30	36.1	-	-	66.3	70
														4.3	-	70.6	80
														-	1	67.3	70
														4.3	1	71.6	80
											EH*B-4M45	45	54.1	-	-	88.9	90
														4.3	-	93.2	100
														-	1	89.9	90
														4.3	1	94.2	100
DBH0904V	460/3/60	2	6.1	41	2	0.33	1.6	2-speed Belt-Drive Standard Static	2	2.9	-	-	-	-	-	19.8	25
											-	-	-	4.3	-	24.1	30
											-	-	-	-	1	20.8	25
											-	-	-	4.3	1	25.1	30
											EH*B-4M15	15	18	-	-	42.4	45
														4.3	-	46.7	50
														-	1	43.4	45
														4.3	1	47.7	50
											EH*B-4M30	30	36.1	-	-	64.9	70
														4.3	-	69.2	70
														-	1	65.9	70
														4.3	1	70.2	80
											EH*B-4M45	45	54.1	-	-	87.5	90
														4.3	-	91.8	100
														-	1	88.5	90
														4.3	1	92.8	100

Electrical Data

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convienience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH0907S	575/3/60	2	4.4	33	2	0.33	3.5	2-speed Belt-Drive High-Static	3	3.5	-	-	-	-	-	20.3	25
											-	-	-	3.5	-	23.8	25
											-	-	-	-	1.2	21.5	25
											-	-	-	3.5	1.2	25	30
											EH*B-7M15	15	14.4	-	-	38.3	40
														3.5	-	41.8	45
														-	1.2	39.5	40
														3.5	1.2	43	45
											EH*B-7M30	30	28.9	-	-	56.4	60
														3.5	-	59.9	60
														-	1.2	57.6	60
														3.5	1.2	61.1	70
											EH*B-7M45	45	43.3	-	-	74.4	80
														3.5	-	77.9	80
														-	1.2	75.6	80
														3.5	1.2	79.1	80
DBH0907V	575/3/60	2	4.4	33	2	0.33	3.5	2-speed Belt-Drive Standard Static	2	2.4	-	-	-	-	-	19.2	20
											-	-	-	3.5	-	22.7	25
											-	-	-	-	1.2	20.4	25
											-	-	-	3.5	1.2	23.9	25
											EH*B-7M15	15	14.4	-	-	37.2	40
														3.5	-	40.7	45
														-	1.2	38.4	40
														3.5	1.2	41.9	45
											EH*B-7M30	30	28.9	-	-	55.3	60
														3.5	-	58.8	60
														-	1.2	56.5	60
														3.5	1.2	60	60
											EH*B-7M45	45	43.3	-	-	73.3	80
														3.5	-	76.8	80
														-	1.2	74.5	80
														3.5	1.2	78	80
DBH1023S	208/230/3/60	2	14.5	98	2	0.33	3.5	2-speed Belt-Drive High-Static	3	9.1	-	-	-	-	-	48.7/48.7	60/60
											-	-	-	9.6/8.7	-	58.3/57.4	70/70
											-	-	-	-	3.3/3.0	52.0/51.7	60/60
											-	-	-	9.6/8.7	3.3/3.0	61.6/60.4	70/70
											EH*B-3M15	11.3/15.0	31.3/36.1	-	-	87.8/93.8	90/100
														9.6/8.7	-	97.4/103	100/110
														-	3.3/3.0	91.1/96.8	100/100
														9.6/8.7	3.3/3.0	101/106	110/110
											EH*B-3M30	22.5/30.0	62.5/72.2	-	-	127/139	150/150
														9.6/8.7	-	136/148	150/150
														-	3.3/3.0	130/142	150/150
														9.6/8.7	3.3/3.0	140/151	150/175
											EH*B-3M45	33.8/45.0	93.8/108	-	-	166/184	175/200
														9.6/8.7	-	176/193	200/200
														-	3.3/3.0	169/187	175/200
														9.6/8.7	3.3/3.0	179/196	200/200
DBH1023V	208/230/3/60	2	14.5	98	2	0.33	3.5	2-speed Belt-Drive Standard Static	2	6	-	-	-	-	-	45.6/45.6	60/60
											-	-	-	9.6/8.7	-	55.2/54.3	60/60
											-	-	-	-	3.3/3.0	48.9/48.6	60/60
											-	-	-	9.6/8.7	3.3/3.0	58.5/57.3	60/60
											EH*B-3M15	11.3/15.0	31.3/36.1	-	-	84.7/90.7	90/100
														9.6/8.7	-	94.3/99.4	100/100
														-	3.3/3.0	88.0/93.7	90/100
														9.6/8.7	3.3/3.0	97.6/102	100/110
											EH*B-3M30	22.5/30.0	62.5/72.2	-	-	124/136	125/150
														9.6/8.7	-	133/145	150/150
														-	3.3/3.0	127/139	150/150
														9.6/8.7	3.3/3.0	137/148	150/150
											EH*B-3M45	33.8/45.0	93.8/108	-	-	163/181	175/200
														9.6/8.7	-	172/190	175/200
														-	3.3/3.0	166/184	175/200
														9.6/8.7	3.3/3.0	176/193	200/200

Electrical Data

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convienience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH1024S	460/3/60	2	6.4	55	2	0.33	1.6	2-speed Belt-Drive High-Static	3	4.3	-	-	-	-	-	21.8	25
											-	-	-	4.3	-	26.1	30
											-	-	-	-	1	22.8	25
											-	-	-	4.3	1	27.1	30
											EH*B-4M15	15	18	-	-	44.3	45
														4.3	-	48.6	50
														-	1	45.3	50
														4.3	1	49.6	50
											EH*B-4M30	30	36.1	-	-	66.9	70
														4.3	-	71.2	80
														-	1	67.9	70
														4.3	1	72.2	80
											EH*B-4M45	45	54.1	-	-	89.4	90
														4.3	-	93.7	100
														-	1	90.4	100
														4.3	1	94.7	100
DBH1024V	460/3/60	2	6.4	55	2	0.33	1.6	2-speed Belt-Drive Standard Static	2	2.9	-	-	-	-	-	20.4	25
											-	-	-	4.3	-	24.7	30
											-	-	-	-	1	21.4	25
											-	-	-	4.3	1	25.7	30
											EH*B-4M15	15	18	-	-	42.9	45
														4.3	-	47.2	50
														-	1	43.9	45
														4.3	1	48.2	50
											EH*B-4M30	30	36.1	-	-	65.5	70
														4.3	-	69.8	70
														-	1	66.5	70
														4.3	1	70.8	80
											EH*B-4M45	45	54.1	-	-	88	90
														4.3	-	92.3	100
														-	1	89	90
														4.3	1	93.3	100
DBH1027S	575/3/60	2	6.0	41	2	0.33	3.5	2-speed Belt-Drive High-Static	3	3.5	-	-	-	-	-	24.1	30
											-	-	-	3.5	-	27.6	30
											-	-	-	-	1.2	25.3	30
											-	-	-	3.5	1.2	28.8	30
											EH*B-7M15	15	14.4	-	-	42.1	45
														3.5	-	45.6	50
														-	1.2	43.3	45
														3.5	1.2	46.8	50
											EH*B-7M30	30	28.9	-	-	60.1	70
														3.5	-	63.6	70
														-	1.2	61.3	70
														3.5	1.2	64.8	70
											EH*B-7M45	45	43.3	-	-	78.2	80
														3.5	-	81.7	90
														-	1.2	79.4	80
														3.5	1.2	82.9	90
DBH1027V	575/3/60	2	6.0	41	2	0.33	3.5	2-speed Belt-Drive Standard Static	2	2.4	-	-	-	-	-	23	25
											-	-	-	3.5	-	26.5	30
											-	-	-	-	1.2	24.2	25
											-	-	-	3.5	1.2	27.7	30
											EH*B-7M15	15	14.4	-	-	41	45
														3.5	-	44.5	45
														-	1.2	42.2	45
														3.5	1.2	45.7	50
											EH*B-7M30	30	28.9	-	-	59	60
														3.5	-	62.5	70
														-	1.2	60.2	70
														3.5	1.2	63.7	70
											EH*B-7M45	45	43.3	-	-	77.1	80
														3.5	-	80.6	90
														-	1.2	78.3	80
														3.5	1.2	81.8	90

Electrical Data

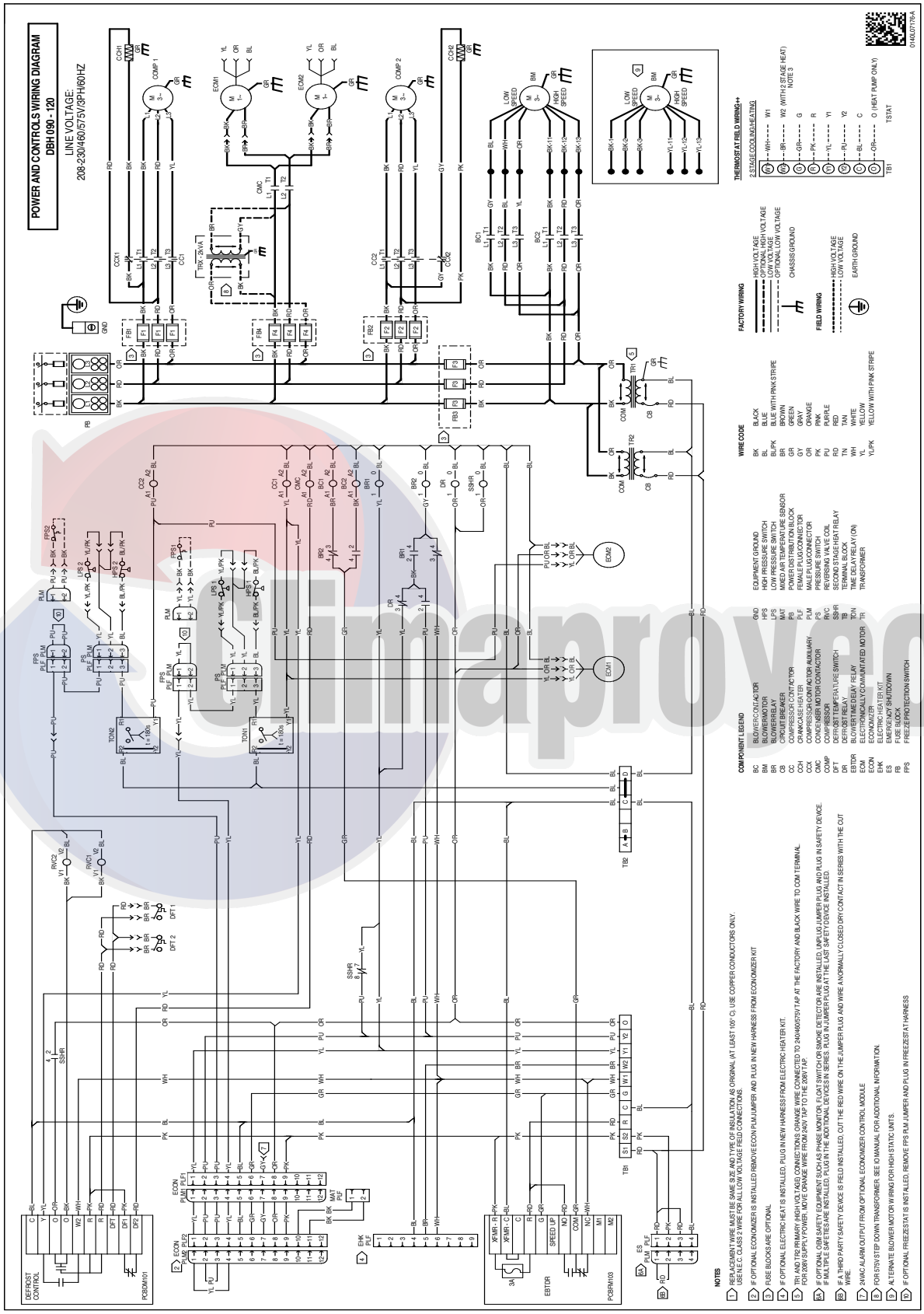
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convienience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH1203S	208/230/3/60	2	15.9	110	2	0.33	3.5	2-speed Belt-Drive High-Static	3	9.1	-	-	-	-	-	51.9/51.9	60/60
											-	-	-	9.6/8.7	-	61.5/60.6	70/70
											-	-	-	-	3.3/3.0	55.2/54.9	60/60
											-	-	-	9.6/8.7	3.3/3.0	64.8/63.6	70/70
											EH*B-3M16	11.3/15.0	31.3/36.1	-	-	91.0/97.0	100/100
														9.6/8.7	-	101/106	110/110
														-	3.3/3.0	94.3/100.0	100/100
														9.6/8.7	3.3/3.0	104/109	110/110
											EH*B-3M31	22.5/30.0	62.5/72.2	-	-	130/142	150/150
														9.6/8.7	-	140/151	150/175
														-	3.3/3.0	133/145	150/150
														9.6/8.7	3.3/3.0	143/154	150/175
											EH*B-3M46	33.8/45.0	93.8/108	-	-	169/187	175/200
														9.6/8.7	-	179/196	200/200
														-	3.3/3.0	172/190	175/200
														9.6/8.7	3.3/3.0	182/199	200/200
DBH1203V	208/230/3/60	2	15.9	110	2	0.33	3.5	2-speed Belt-Drive Standard Static	2	6	-	-	-	-	-	48.8/48.8	60/60
											-	-	-	9.6/8.7	-	58.4/57.5	70/70
											-	-	-	-	3.3/3.0	52.1/51.8	60/60
											-	-	-	9.6/8.7	3.3/3.0	61.7/60.5	70/70
											EH*B-3M16	11.3/15.0	31.3/36.1	-	-	87.9/93.9	90/100
														9.6/8.7	-	97.5/103	100/110
														-	3.3/3.0	91.2/96.9	100/100
														9.6/8.7	3.3/3.0	101/106	110/110
											EH*B-3M31	22.5/30.0	62.5/72.2	-	-	127/139	150/150
														9.6/8.7	-	137/148	150/150
														-	3.3/3.0	130/142	150/150
														9.6/8.7	3.3/3.0	140/151	150/175
											EH*B-3M46	33.8/45.0	93.8/108	-	-	166/184	175/200
														9.6/8.7	-	176/193	200/200
														-	3.3/3.0	169/187	175/200
														9.6/8.7	3.3/3.0	179/196	200/200
DBH1204S	460/3/60	2	7.1	52	2	0.33	1.6	2-speed Belt-Drive High-Static	3	4.3	-	-	-	-	-	23.4	30
											-	-	-	4.3	-	27.7	30
											-	-	-	-	1	24.4	30
											-	-	-	4.3	1	28.7	30
											EH*B-4M16	15	18	-	-	45.9	50
														4.3	-	50.2	60
														-	1	46.9	50
														4.3	1	51.2	60
											EH*B-4M31	30	36.1	-	-	68.5	70
														4.3	-	72.8	80
														-	1	69.5	70
														4.3	1	73.8	80
											EH*B-4M46	45	54.1	-	-	91	100
														4.3	-	95.3	100
														-	1	92	100
														4.3	1	96.3	100
DBH1204V	460/3/60	2	7.1	52	2	0.33	1.6	2-speed Belt-Drive Standard Static	2	2.9	-	-	-	-	-	22	25
											-	-	-	4.3	-	26.3	30
											-	-	-	-	1	23	25
											-	-	-	4.3	1	27.3	30
											EH*B-4M16	15	18	-	-	44.5	45
														4.3	-	48.8	50
														-	1	45.5	50
														4.3	1	49.8	50
											EH*B-4M31	30	36.1	-	-	67.1	70
														4.3	-	71.4	80
														-	1	68.1	70
														4.3	1	72.4	80
											EH*B-4M46	45	54.1	-	-	89.6	90
														4.3	-	93.9	100
														-	1	90.6	100
														4.3	1	94.9	100

Electrical Data

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convienience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH1207S	575/3/60	2	5.1	39.5	2	0.33	3.5	2-speed Belt-Drive High-Static	3	3.5	-	-	-	-	-	22	25
											-	-	-	3.5	-	25.5	30
											-	-	-	-	1.2	23.2	25
											-	-	-	3.5	1.2	26.7	30
											EH*B-7M16	15	14.4	-	-	40.1	45
														3.5	-	43.6	45
														-	1.2	41.3	45
														3.5	1.2	44.8	45
											EH*B-7M31	30	28.9	-	-	58.1	60
														3.5	-	61.6	70
														-	1.2	59.3	60
														3.5	1.2	62.8	70
											EH*B-7M46	45	43.3	-	-	76.2	80
														3.5	-	79.7	80
														-	1.2	77.4	80
														3.5	1.2	80.9	90
DBH1207V	575/3/60	2	5.1	39.5	2	0.33	3.5	2-speed Belt-Drive Standard Static	2	2.4	-	-	-	-	-	20.9	25
											-	-	-	3.5	-	24.4	25
											-	-	-	-	1.2	22.1	25
											-	-	-	3.5	1.2	25.6	30
											EH*B-7M16	15	14.4	-	-	39	40
														3.5	-	42.5	45
														-	1.2	40.2	45
														3.5	1.2	43.7	45
											EH*B-7M31	30	28.9	-	-	57	60
														3.5	-	60.5	70
														-	1.2	58.2	60
														3.5	1.2	61.7	70
											EH*B-7M46	45	43.3	-	-	75.1	80
														3.5	-	78.6	80
														-	1.2	76.3	80
														3.5	1.2	79.8	80
DBH1503S	208/230/3/60	2	22.4	149	2	0.5	2.7	2-speed Belt-Drive High-Static	5	14	-	-	-	-	-	69.9/69.9	90/90
											-	-	-	9.6/8.7	-	79.5/78.6	100/100
											-	-	-	-	3.3/3.0	73.2/72.9	90/90
											-	-	-	9.6/8.7	3.3/3.0	82.8/81.6	100/100
											EH*B-3M16	11.3/15.0	31.3/36.1	-	-	109/115	110/125
														9.6/8.7	-	119/124	125/125
														-	3.3/3.0	112/118	125/125
														9.6/8.7	3.3/3.0	122/127	125/150
											EH*B-3M31	22.5/30.0	62.5/72.2	-	-	148/160	150/175
														9.6/8.7	-	158/169	175/175
														-	3.3/3.0	151/163	175/175
														9.6/8.7	3.3/3.0	161/172	175/175
											EH*B-3M46	33.8/45.0	93.8/108	-	-	187/205	200/225
														9.6/8.7	-	197/214	200/225
														-	3.3/3.0	190/208	200/225
														9.6/8.7	3.3/3.0	200/217	225/225
DBH1503V	208/230/3/60	2	22.4	149	2	0.5	2.7	2 speed Belt Drive Standard Static	3	9.1	-	-	-	-	-	65.0/65.0	80/80
											-	-	-	9.6/8.7	-	74.6/73.7	90/90
											-	-	-	-	3.3/3.0	68.3/68.0	80/80
											-	-	-	9.6/8.7	3.3/3.0	77.9/76.7	90/90
											EH*B-3M16	11.3/15.0	31.3/36.1	-	-	104/110	110/125
														9.6/8.7	-	114/119	125/125
														-	3.3/3.0	107/113	110/125
														9.6/8.7	3.3/3.0	117/122	125/125
											EH*B-3M31	22.5/30.0	62.5/72.2	-	-	143/155	150/175
														9.6/8.7	-	153/164	175/175
														-	3.3/3.0	146/158	150/175
														9.6/8.7	3.3/3.0	156/167	175/175
											EH*B-3M46	33.8/45.0	93.8/108	-	-	182/200	200/225
														9.6/8.7	-	192/209	200/225
														-	3.3/3.0	186/203	200/225
														9.6/8.7	3.3/3.0	195/212	200/225

Electrical Data

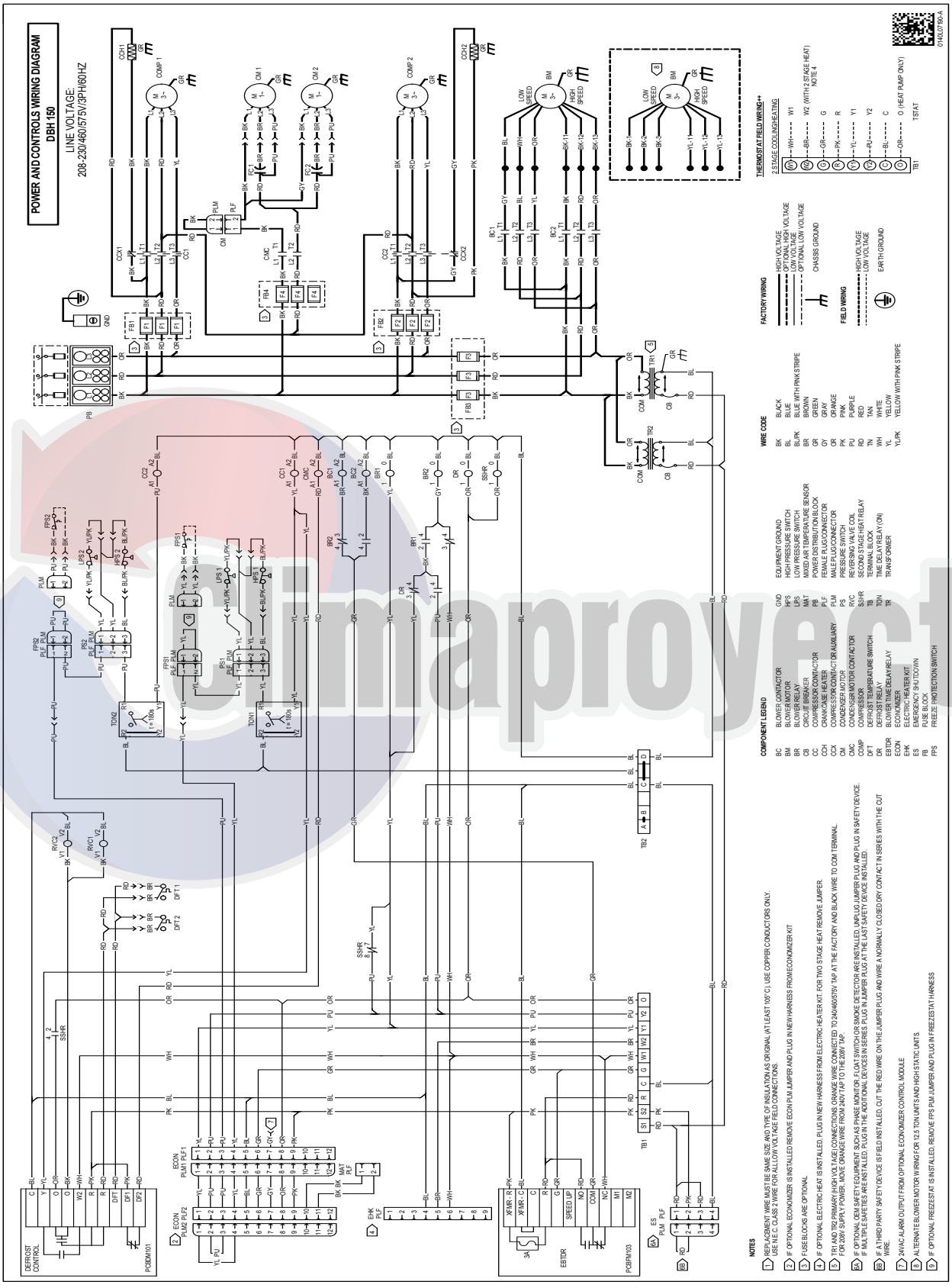
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convienience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH1504S	460/3/60	2	10.6	75	2	0.5	1.4	2-speed Belt-Drive High-Static	5	6.6	-	-	-	-	-	33.2	40
											-	-	-	4.3	-	37.5	45
											-	-	-	-	1	34.2	40
											-	-	-	4.3	1	38.5	45
											EH*B-4M16	15	18	-	-	55.7	60
														4.3	-	60	70
														-	1	56.7	60
														4.3	1	61	70
											EH*B-4M31	30	36.1	-	-	78.3	80
														4.3	-	82.6	90
														-	1	79.3	80
														4.3	1	83.6	90
											EH*B-4M46	45	54.1	-	-	101	110
														4.3	-	105	110
														-	1	102	110
														4.3	1	106	110
DBH1504V	460/3/60	2	10.6	75	2	0.5	1.4	2 speed Belt Drive Standard Static	3	4.3	-	-	-	-	-	30.9	40
											-	-	-	4.3	-	35.2	45
											-	-	-	-	1	31.9	40
											-	-	-	4.3	1	36.2	45
											EH*B-4M16	15	18	-	-	53.4	60
														4.3	-	57.7	60
														-	1	54.4	60
														4.3	1	58.7	60
											EH*B-4M31	30	36.1	-	-	76	80
														4.3	-	80.3	90
														-	1	77	80
														4.3	1	81.3	90
											EH*B-4M46	45	54.1	-	-	98.6	100
														4.3	-	103	110
														-	1	99.6	100
														4.3	1	104	110
DBH1507S	575/3/60	2	7.7	54	2	0.5	1	2-speed Belt-Drive High-Static	5	5.2	-	-	-	-	-	24.5	30
											-	-	-	3.5	-	28	35
											-	-	-	-	1.2	25.7	30
											-	-	-	3.5	1.2	29.2	35
											EH*B-7M16	15	14.4	-	-	42.5	45
														3.5	-	46	50
														-	1.2	43.7	45
														3.5	1.2	47.2	50
											EH*B-7M31	30	28.9	-	-	60.6	70
														3.5	-	64.1	70
														-	1.2	61.8	70
														3.5	1.2	65.3	70
											EH*B-7M46	45	43.3	-	-	78.6	80
														3.5	-	82.1	90
														-	1.2	79.8	80
														3.5	1.2	83.3	90
DBH1507V	575/3/60	2	7.7	54	2	0.5	1	2 speed Belt Drive Standard Static	3	3.5	-	-	-	-	-	22.8	30
											-	-	-	3.5	-	26.3	30
											-	-	-	-	1.2	24	30
											-	-	-	3.5	1.2	27.5	30
											EH*B-7M16	15	14.4	-	-	40.8	45
														3.5	-	44.3	45
														-	1.2	42	45
														3.5	1.2	45.5	50
											EH*B-7M31	30	28.9	-	-	58.9	60
														3.5	-	62.4	70
														-	1.2	60.1	70
														3.5	1.2	63.6	70
											EH*B-7M46	45	43.3	-	-	76.9	80
														3.5	-	80.4	90
														-	1.2	78.1	80
														3.5	1.2	81.6	90



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

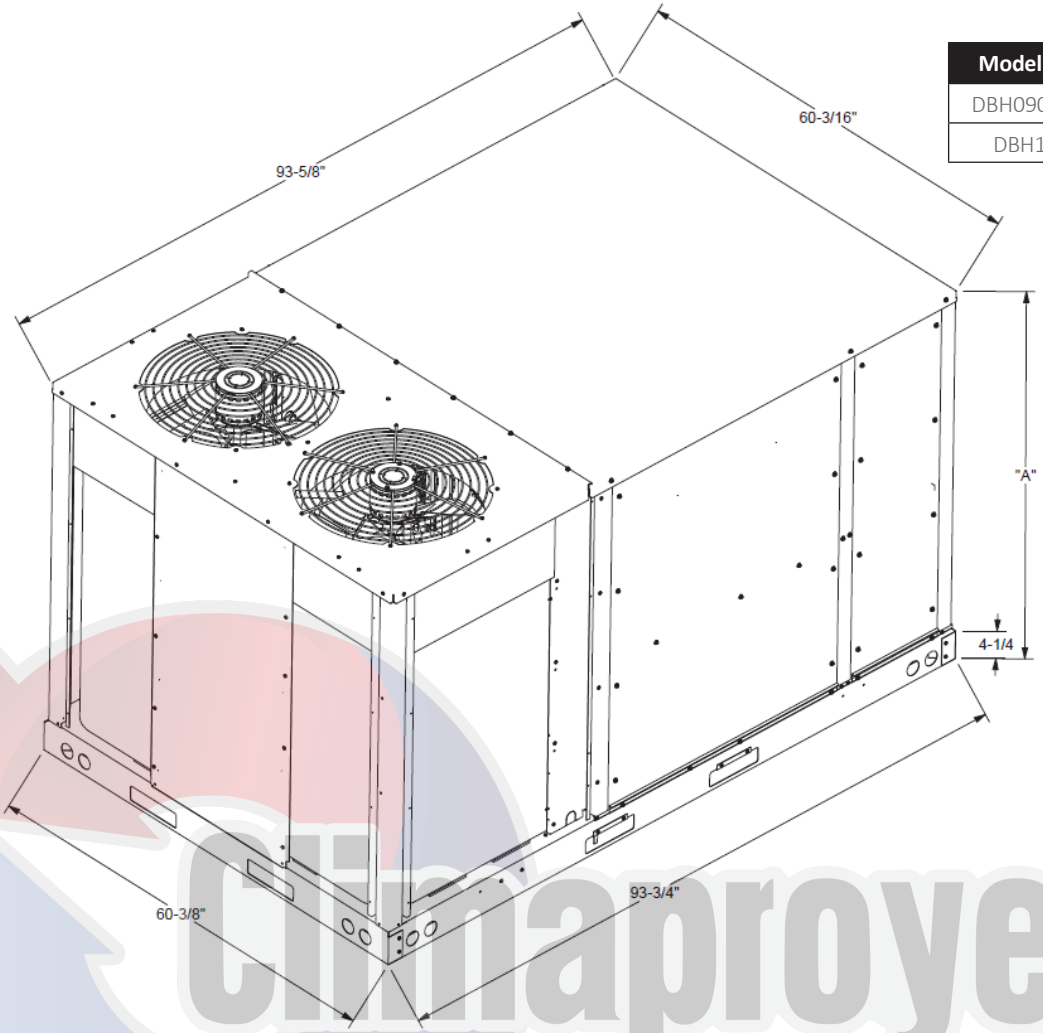


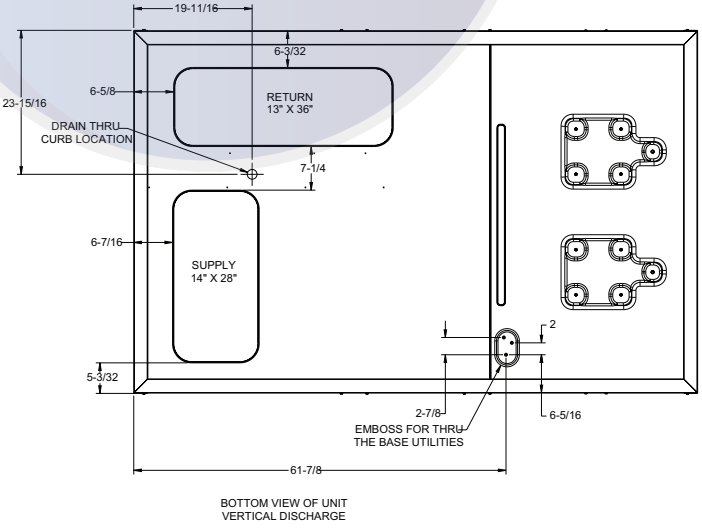
WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

Model Size	DIM "A"
DBH090-120	54¼
DBH150	58-3/5

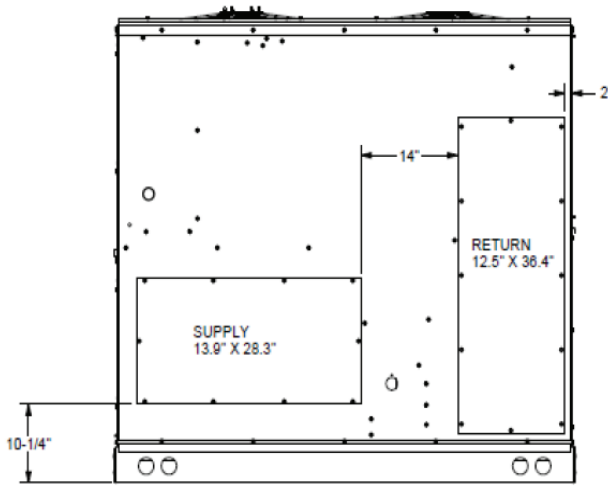




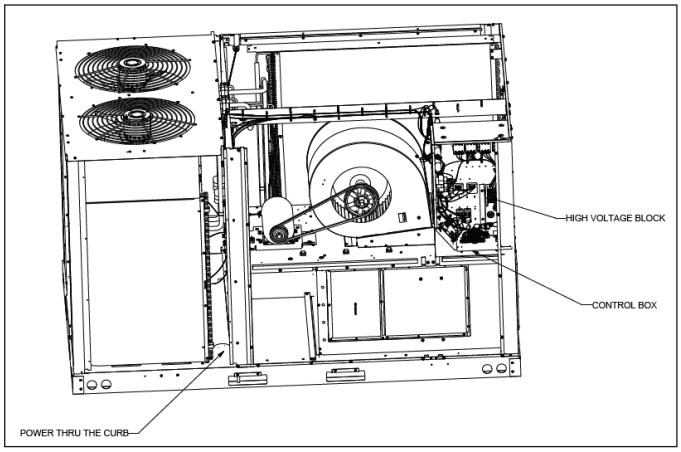
BOTTOM VIEW OF UNIT
VERTICAL DISCHARGE

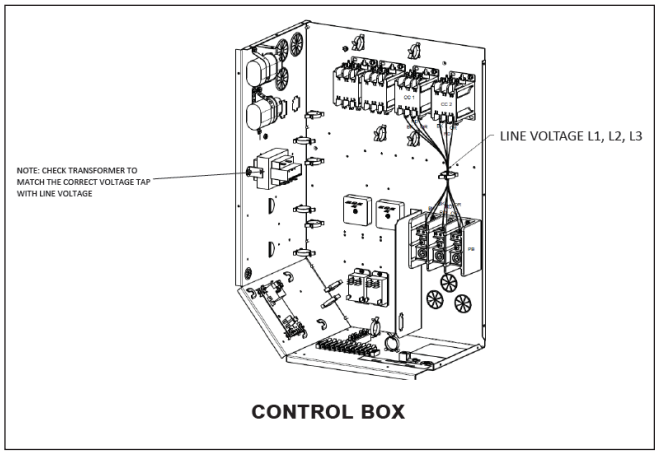
BOTTOM VIEW OF UNIT

VERTICAL DISCHARGE

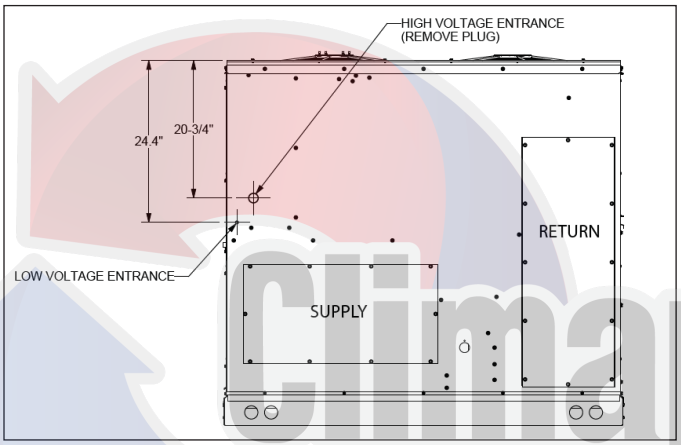


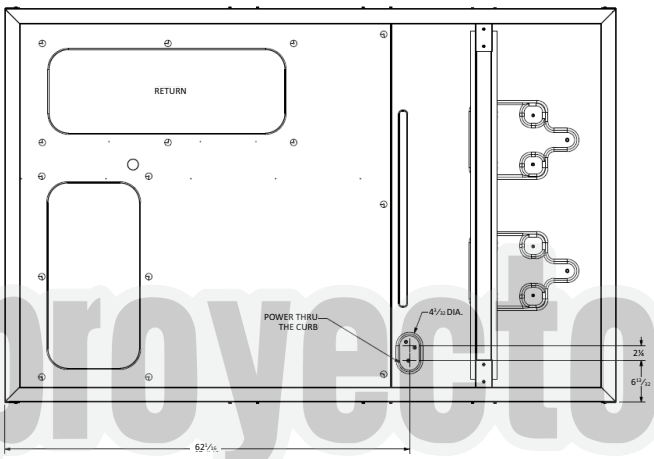
HORIZONTAL DISCHARGE





CONTROL BOX

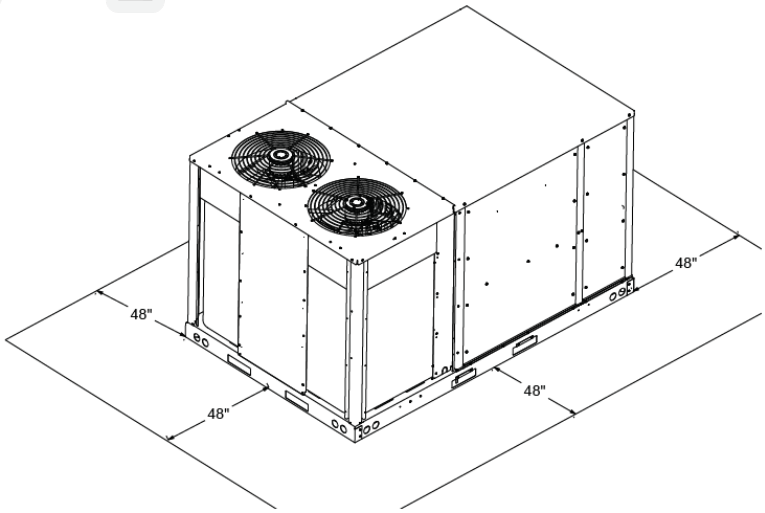




Unit Clearances

Service Clearance

Allow for recommended service clearances as shown in figure to the right. In situations that have multiple units, a 36" minimum clearance is required between the condenser coils. A clearance of 48" is recommended on all sides of the unit to allow service access and to ensure proper ventilation and condenser airflow. The top of the unit should be unobstructed. Provide a roof walkway along the sides of the unit for service and access to controls and components. Contact your Daikin sales representative for service requirements less than those recommended.



UNIT CLEARANCES

Unit Location

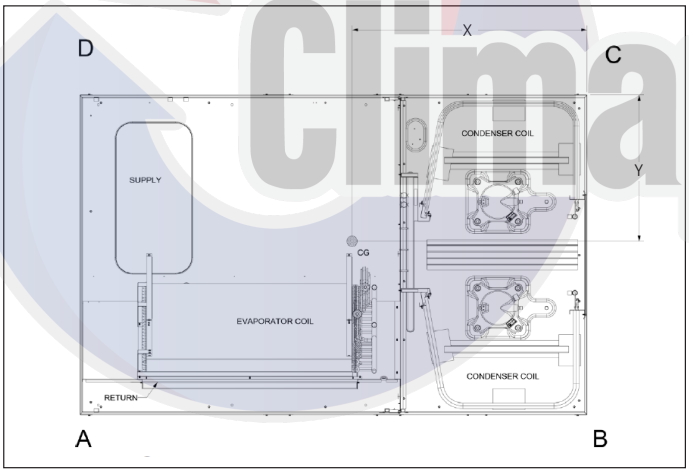
The structural engineer must verify that the roof has adequate support and ability to minimize deflection. Take extreme caution when using on a wooden roof structure. Unit condenser coils should be in a location that avoids any heated exhaust air.

Allow sufficient space around the unit for maintenance/service clearance. Consult your Daikin sales representative if available clearances do not meet minimum recommendations.

Where code considerations, such as the NEC, require extended clearances, these take precedence.

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60".
- Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from forklift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.



CORNER & CENTER-OF-GRAVITY LOCATIONS

Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual. Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end. Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

Roof Curb Installation

The roof curb is field-assembled and must be installed level (within 1/16" per foot side to side). A sub-base must be constructed by the contractor in applications involving pitched roofs. Gaskets are furnished and must be installed between the unit and curb. For proper installation, follow NRCA guidelines. In applications requiring post and rail installation, an I-beam securely mounted on multiple posts should support the unit on each side. In addition, the insulation on the underside of the unit should be protected from the elements. Applications in geographic areas subjected to seismic or hurricane conditions must meet code requirements for fastening the unit to the curb and the curb to the building structure. For further and more detailed information please refer to our Daikin Light Commercial Packaged unit IOD.

Weights

Model	Shipping Weight (lbs)	Operating Weight (lbs)	Corner Weights (lbs)				Length	Width
			A	B	C	D	X (in)	Y (in)
DBH090	1227	1152	224	359	267	302	43	31
DBH102	1278	1212	254	347	300	311	44	30
DBH120	1291	1216	265	344	317	290	43	30
DBH150	1394	1314	302	401	312	379	42	29

For details on accessories refer to document **PM-LC-ACCESSORIES**