



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



* 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.

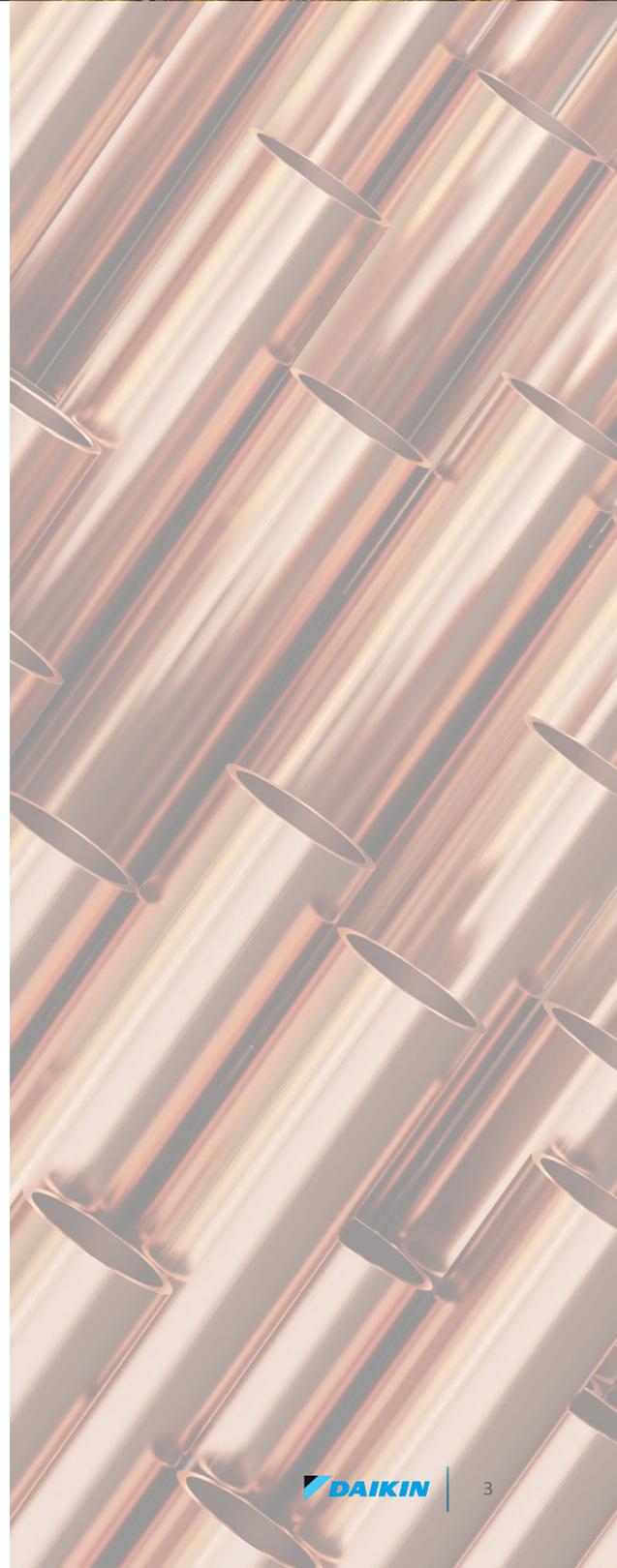
The group philosophy of the company includes:

- » 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



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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	<table border="1"> <thead> <tr> <th>Gas/Electric</th> <th>A/C</th> <th>H/P</th> <th>Factory-Installed Electric Heat</th> </tr> </thead> <tbody> <tr> <td>210 210,000 BTU/h</td> <td>XXX</td> <td>No Heat</td> <td></td> </tr> <tr> <td></td> <td>015</td> <td>15 kW</td> <td></td> </tr> <tr> <td></td> <td>016</td> <td>15 kW</td> <td></td> </tr> <tr> <td></td> <td>030</td> <td>30 kW</td> <td></td> </tr> <tr> <td></td> <td>031</td> <td>30 kW</td> <td></td> </tr> <tr> <td></td> <td>045</td> <td>45 kW</td> <td></td> </tr> <tr> <td></td> <td>046</td> <td>45 kW</td> <td></td> </tr> </tbody> </table>																				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	
Gas/Electric	A/C	H/P	Factory-Installed Electric Heat																																																	
210 210,000 BTU/h	XXX	No Heat																																																		
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	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																																																			
Power Exhaust	X No Options B Single-point power connection for Power Exhaust																																																			
Service Options	X No Options 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	DBH0903VXXXCXAXXXXXXXXXX
DBH0904V000001S	DBH0904VXXXCXAXXXXXXXXXX
DBH0907V000001S	DBH0907VXXXCXAXXXXXXXXXX
DBH1023V000001S	DBH1023VXXXCXAXXXXXXXXXX
DBH1024V000001S	DBH1024VXXXCXAXXXXXXXXXX
DBH1027V000001S	DBH1027VXXXCXAXXXXXXXXXX
DBH1203V000001S	DBH1203VXXXCXAXXXXXXXXXX
DBH1204V000001S	DBH1204VXXXCXAXXXXXXXXXX
DBH1207V000001S	DBH1207VXXXCXAXXXXXXXXXX
DBH1503V000001S	DBH1503VXXXCXAXXXXXXXXXX
DBH1504V000001S	DBH1504VXXXCXAXXXXXXXXXX
DBH1507V000001S	DBH1507VXXXCXAXXXXXXXXXX

Features and Benefits

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.



Features and Benefits

- » 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



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 (ft ²)	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 (ft ²)	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 DATA						
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.

Product Specifications

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

IDB		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Airflow		IDWB	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	-	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	-	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	-	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	-	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	-	41.21	41.19	41.14	-							
	2850	Hi PR	248	249	251	-	287	288	290	-	328	329	330	-	372	373	374	-	419	420	422	-	470	471	472	-	470	471	472	-							
		Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	158	161	-	156	158	161	-							
		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	-	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	-	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	-	18.88	17.11	13.80	-							
3375	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	-	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	-	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	-	471	472	474	-								
	Lo PR	128	130	133	-	133	134	137	-	139	141	144	-	145	146	150	-	150	152	155	-	153	155	158	-	153	155	158	-								
	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	-	76.3	77.6	80.3	-								
75	2625	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	-	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	-	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	-	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	-	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	-	474	475	477	-							
	2850	Lo PR	124	126	129	-	132	133	136	-	138	140	143	-	144	145	148	-	148	149	153	-	156	158	161	-	156	158	161	-							
		MBh	90.8	92.0	94.7	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	83.6	84.9	87.5	91.6	83.6	84.9	87.5	91.6	83.6	84.9	87.5	91.6	83.6						
		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	0.80	0.66	0.5	1.00	0.80	0.66	0.5							
		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	22.32	20.55	17.24	13.8	22.77	21.00	17.70	14.3	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	9.90	9.89	9.88	9.9							
3375	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	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	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	180	182	185	190.3	217	219	222	227.6	217	219	222	227.6								
	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	87.1	89.7	93.8	88.9	90.2	92.8	96.9	88.9	90.2	92.8	96.9	88.9	90.2	92.8	96.9								
	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	0.82	0.68	0.5	1.00	0.82	0.68	0.5	1.00	0.82	0.68	0.5								
70	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	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	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	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	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	180	182	185	190.3	217	219	222	227.6	217	219	222	227.6								

kW = Total system power

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

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

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

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection.

IDB		Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	Airflow	Entering Indoor Wet Bulb Temperature																							
	ID WB	Entering Indoor Wet Bulb Temperature																							
80	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
	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	
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	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
	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	
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	0.93	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
 High and low pressures are measured at the liquid and suction access fittings.
 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.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

IDB		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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		Airflow		IDWB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999

IDB		Outdoor Ambient Temperature																																
		65				75				85				95				105				115												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
	Airflow	Entering Indoor Wet Bulb Temperature																																
	ID WB	Entering Indoor Wet Bulb Temperature																																
80	2975	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	81.0	82.4	85.4	90.0	76.0	77.4	80.4	85.0	
		MBh	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	1.00	1.00	0.76	0.6	1.00	1.00	0.76	0.6
		S/T	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	27.22	25.49	22.24	18.9	27.22	25.49	22.24	18.9
		ΔT	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	11.32	11.31	11.30	11.4	11.32	11.31	11.30	11.4
		kW	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	46.99	46.97	46.91	47.2	46.99	46.97	46.91	47.2
		Amps	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	504	505	507	511.8	504	505	507	511.8
		Hi 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	152	153	157	161.7	152	153	157	161.7
		Lo PR	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	84.0	85.4	88.4	93.0	84.0	85.4	88.4	93.0
		MBh	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	0.77	0.6	1.00	1.00	0.77	0.6	1.00	1.00	0.77	0.6
		S/T	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	26.17	24.44	21.20	17.8	26.17	24.44	21.20	17.8
	ΔT	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	11.36	11.35	11.34	11.4	11.36	11.35	11.34	11.4	
	kW	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	47.18	47.15	47.09	47.4	47.18	47.15	47.09	47.4	
	Amps	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	506	508	509	514.0	506	508	509	514.0	
	Hi 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	154	155	158	163.4	154	155	158	163.4	
	Lo PR	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	85.6	87.0	90.0	94.6	85.6	87.0	90.0	94.6	
	MBh	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	0.80	0.7	1.00	1.00	0.80	0.7	1.00	1.00	0.80	0.7	
	S/T	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	25.29	23.55	20.31	17.0	25.29	23.55	20.31	17.0	
	ΔT	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	11.39	11.39	11.37	11.4	11.39	11.39	11.37	11.4	
	kW	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	47.33	47.30	47.24	47.5	47.33	47.30	47.24	47.5	
	Amps	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	509	510	512	516.2	509	510	512	516.2	
	Hi 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	156	157	160	165.4	156	157	160	165.4	
	Lo PR	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	84.4	85.8	88.8	93.4	84.4	85.8	88.8	93.4	
	MBh	1.00	0.87	0.74	0.6	1.00	0.88	0.74	0.6	1.00	0.90	0.77	0.6	1.00	0.92	0.79	0.6	1.00	1.00	0.81	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.81	0.7	1.00	1.00	0.81	0.7	
	S/T	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	30.63	28.89	25.65	22.3	30.63	28.89	25.65	22.3	
	ΔT	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	11.33	11.33	11.31	11.4	11.33	11.33	11.31	11.4	
	kW	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	47.06	47.03	46.97	47.2	47.06	47.03	46.97	47.2	
	Amps	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	505	507	508	513.0	505	507	508	513.0	
	Hi 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	154	155	158	163.5	154	155	158	163.5	
	Lo PR	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	85.7	87.1	90.1	94.7	85.7	87.1	90.1	94.7	
	MBh	1.00	0.93	0.80	0.7	1.00	0.94	0.80	0.7	1.00	0.96	0.83	0.7	1.00	0.98	0.85	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	1.00	1.00	0.87	0.7	
	S/T	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	29.58	27.85	24.60	21.2	29.58	27.85	24.60	21.2	
	ΔT	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	11.37	11.37	11.35	11.4	11.37	11.37	11.35	11.4	
	kW	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	47.25	47.22	47.16	47.4	47.25	47.22	47.16	47.4	
	Amps	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	508	509	511	515.3	508	509	511	515.3	
	Hi 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	156	157	160	165.2	156	157	160	165.2	
	Lo PR	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	87.3	88.7	91.7	96.3	87.3	88.7	91.7	96.3	
	MBh	1.00	0.96	0.83	0.7	1.00	0.97	0.84	0.7	1.00	0.99	0.86	0.7	1.00	1.00	0.88	0.7	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	1.00	1.00	0.90	0.8	
	S/T	27.91	26.17	22.93	19.6																													

IDB		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Airflow	IDWB	59	63	67	71	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	-	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	-	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	-	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	-	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	-	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	-	502	503	505	-							
	Lo PR	124	126	129	-	132	133	137	-	139	140	143	-	144	146	149	-	150	151	154	-	157	158	161	-	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	-	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	-	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	-	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	-	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	-	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	-	504	505	507	-								
Lo PR	126	128	131	-	134	135	138	-	140	142	145	-	146	148	151	-	152	153	156	-	158	160	163	-	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	-	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	-	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	-	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	-	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	-	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	-	506	507	509	-								
Lo PR	128	130	133	-	136	137	141	-	142	144	147	-	148	150	153	-	154	155	158	-	160	162	165	-	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	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	0.76	0.68	0.54	0.4	1.00	0.73	0.59	0.4	1.00	0.75	0.61	0.5	1.00	1.00	1.00	0.66	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	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	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	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	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	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	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	1.00	0.72	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	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	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	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	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	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	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	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	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	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	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	506	507	509	513.8								
Lo PR	128	130	133	138.3	136	137	141	145.8	142	144																											

IDB		Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		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	152	152	155	160.3	157	159	162	167.2	
	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		
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	
	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	0.90	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		
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
 High and low pressures are measured at the liquid and suction access fittings.
 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.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

IDB		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Airflow		IDWB	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	-	116.1	118.1	122.3	-	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	-	0.75	0.63	0.42	-	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	-	21.16	19.28	15.77	-	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	-	16.68	16.67	16.65	-	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	-	69.45	69.40	69.31	-	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	-	496	497	499	-	496	497	499				
	Lo PR	114	115	118	-	121	122	125	-	127	128	131	-	132	133	136	-	137	138	141	-	143	145	147	-	143	145	147	-	143	145	147					
	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	-	118.0	120.0	124.2	-	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	-	0.76	0.66	0.48	-	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	-	20.02	18.14	14.64	-	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	-	16.74	16.73	16.71	-	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	-	69.72	69.68	69.59	-	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	-	498	499	501	-	498	499	501						
Lo PR	115	117	120	-	122	124	127	-	128	130	133	-	134	135	138	-	139	140	143	-	147	148	149	-	147	148	149	-	147	148	149						
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	-	120.2	122.2	126.5	-	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	-	0.78	0.68	0.50	-	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	-	19.07	17.19	13.68	-	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	-	16.79	16.78	16.76	-	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	-	69.95	69.91	69.82	-	69.95	69.91	69.82						
Hi PR	266	267	268	-	307	308	310	-	350	351	353	-	396	397	399	-	446	448	449	-	496	498	500	-	496	498	500	-	496	498	500						
Lo PR	117	119	122	-	124	126	128	-	130	132	135	-	135	137	140	-	140	142	145	-	147	148	151	-	147	148	151	-	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	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	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	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	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	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	496	497	499	503							
	Lo PR	114	115	118	123	121	122	125	130	127	128	131	136	132	133	136	141	143	137	138	141	146	143	145	148	143	145	148	152								
	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	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	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	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	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	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	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	145	146	149	154									
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	137.2	141.5	148.0	127.4	129.4	133.7	140.2	120.3	122.3	126.5	133.0	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	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	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	16.78	16.77	16.75	16.84									
Amps	36.7																																				

IDB		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		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	139	142	145	147	144	145	148	152.85
		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	143	140	143	148	145	147	150	155		
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
		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		
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	0.98	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
 High and low pressures are measured at the liquid and suction access fittings.
 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.

Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

DBH090*V Standard Static Downshot

ESP, In H ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 ₂ O	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 H ₂ O	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 H ₂ O	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 H ₂ O	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 H ₂ O	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
1.0													6022	972	3.78	5545	935	3.31
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 Convenience 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
											EH*B-3M30	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	97.7/102	100/110
														-	-	124/136	125/150
														-	3.3/3.0	133/145	150/150
											EH*B-3M45	33.8/45.0	93.8/108	9.6/8.7	3.3/3.0	127/139	150/150
														-	3.3/3.0	137/148	150/150
9.6/8.7	3.3/3.0	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
											EH*B-3M30	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	94.6/99.4	100/100
														-	-	121/133	125/150
														-	3.3/3.0	130/141	150/150
											EH*B-3M45	33.8/45.0	93.8/108	9.6/8.7	3.3/3.0	124/136	125/150
														-	3.3/3.0	134/144	150/150
9.6/8.7	3.3/3.0	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
											EH*B-4M30	30	36.1	4.3	1	49.1	50
														-	-	66.3	70
														4.3	-	70.6	80
											EH*B-4M45	45	54.1	-	-	67.3	70
														4.3	1	71.6	80
-	-	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
											EH*B-4M30	30	36.1	4.3	1	47.7	50
														-	-	64.9	70
														4.3	-	69.2	70
											EH*B-4M45	45	54.1	-	-	65.9	70
														4.3	1	70.2	80
-	-	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 Convenience 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
											EH*B-7M30	30	28.9	3.5	1.2	43	45
														-	-	56.4	60
														3.5	-	59.9	60
											EH*B-7M45	45	43.3	-	-	57.6	60
														3.5	1.2	61.1	70
-	-	74.4	80														
-	-	-	3.5	-	77.9	80											
-	-	-	3.5	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
											EH*B-7M30	30	28.9	3.5	1.2	41.9	45
														-	-	55.3	60
														3.5	-	58.8	60
											EH*B-7M45	45	43.3	-	-	56.5	60
														3.5	1.2	60	60
-	-	73.3	80														
-	-	-	3.5	-	76.8	80											
-	-	-	3.5	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
											EH*B-3M30	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	101/106	110/110
														-	-	127/139	150/150
														9.6/8.7	-	136/148	150/150
											EH*B-3M45	33.8/45.0	93.8/108	-	-	130/142	150/150
														9.6/8.7	3.3/3.0	140/151	150/175
-	-	166/184	175/200														
-	-	-	9.6/8.7	-	176/193	200/200											
-	-	-	9.6/8.7	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
											EH*B-3M30	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	97.6/102	100/110
														-	-	124/136	125/150
														9.6/8.7	-	133/145	150/150
											EH*B-3M45	33.8/45.0	93.8/108	-	-	127/139	150/150
														9.6/8.7	3.3/3.0	137/148	150/150
-	-	163/181	175/200														
-	-	-	9.6/8.7	-	172/190	175/200											
-	-	-	9.6/8.7	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 Convenience 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
											EH*B-4M30	30	36.1	4.3	-	49.6	50
														-	1	66.9	70
														4.3	-	71.2	80
											EH*B-4M45	45	54.1	-	-	67.9	70
														4.3	1	72.2	80
-	-	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
											EH*B-4M30	30	36.1	4.3	-	48.2	50
														-	1	65.5	70
														4.3	-	69.8	70
											EH*B-4M45	45	54.1	-	-	66.5	70
														4.3	1	70.8	80
-	-	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
											EH*B-7M30	30	28.9	3.5	1.2	46.8	50
														-	-	60.1	70
														3.5	-	63.6	70
											EH*B-7M45	45	43.3	-	-	61.3	70
														3.5	1.2	64.8	70
-	-	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
											EH*B-7M30	30	28.9	3.5	1.2	45.7	50
														-	-	59	60
														3.5	-	62.5	70
											EH*B-7M45	45	43.3	-	-	60.2	70
														3.5	1.2	63.7	70
-	-	77.1	80														
			3.5	-	80.6	90											
			-	1.2	78.3	80											
			3.5	1.2	81.8	90											

Electrical Data

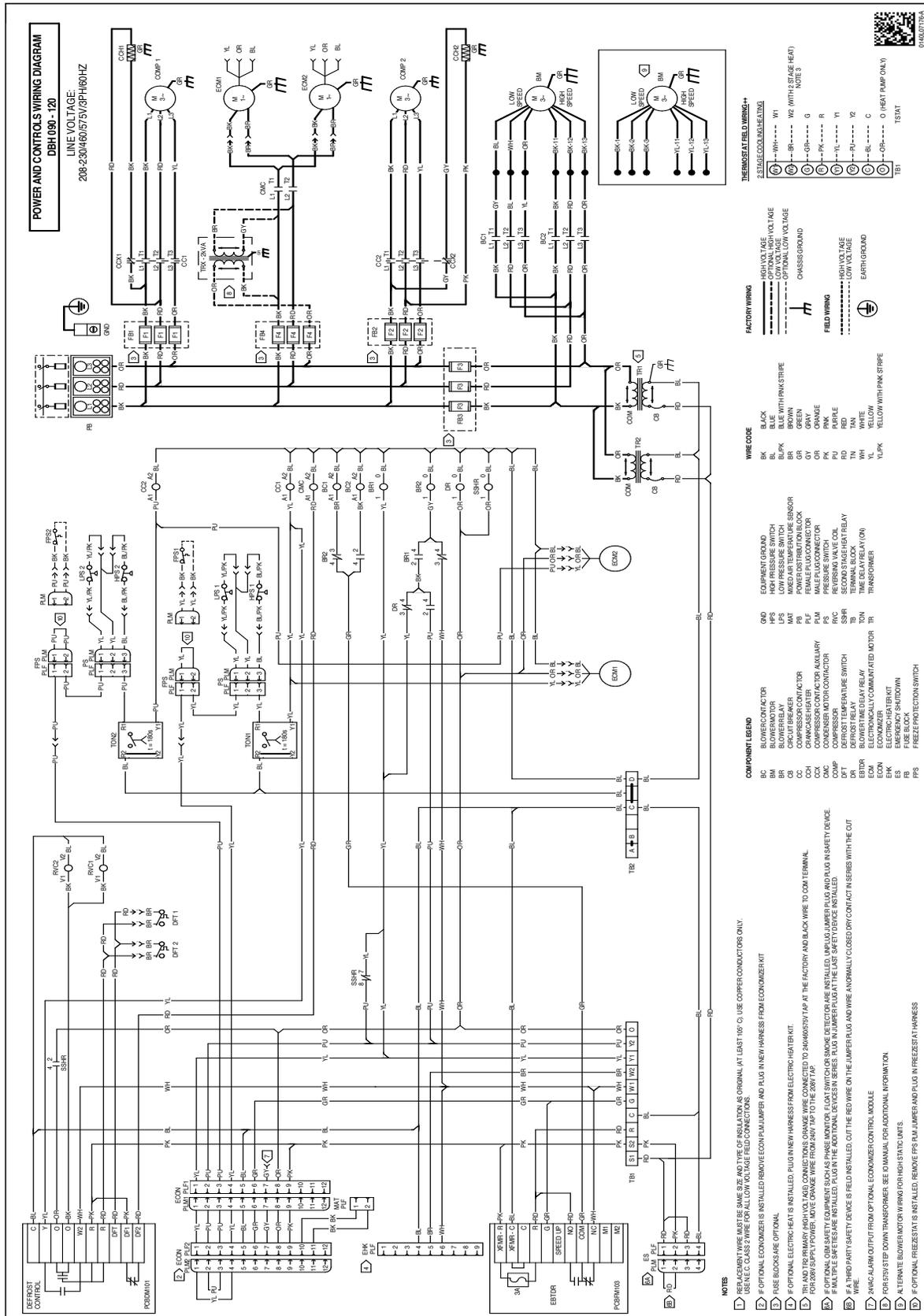
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH1203S	208/230/3/60	2	15.9	110	2	0.33	3.5	2-speed 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
											EH*B-3M31	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	104/109	110/110
														-	-	130/142	150/150
														9.6/8.7	-	140/151	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
											EH*B-3M31	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	101/106	110/110
														-	-	127/139	150/150
														9.6/8.7	-	137/148	150/150
											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
											EH*B-4M31	30	36.1	4.3	1	51.2	60
														-	-	68.5	70
														4.3	-	72.8	80
											EH*B-4M46	45	54.1	-	-	69.5	70
														4.3	1	73.8	80
-	-	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
											EH*B-4M31	30	36.1	4.3	1	49.8	50
														-	-	67.1	70
														4.3	-	71.4	80
											EH*B-4M46	45	54.1	-	-	68.1	70
														4.3	1	72.4	80
-	-	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 Convenience 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
											EH*B-7M31	30	28.9	3.5	1.2	44.8	45
														-	-	58.1	60
														3.5	-	61.6	70
											EH*B-7M46	45	43.3	-	-	59.3	60
														3.5	1.2	62.8	70
-	-	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
											EH*B-7M31	30	28.9	3.5	1.2	43.7	45
														-	-	57	60
														3.5	-	60.5	70
											EH*B-7M46	45	43.3	-	-	58.2	60
														3.5	1.2	61.7	70
-	-	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
											EH*B-3M31	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	122/127	125/150
														-	-	148/160	150/175
														9.6/8.7	-	158/169	175/175
											EH*B-3M46	33.8/45.0	93.8/108	-	-	151/163	175/175
														9.6/8.7	3.3/3.0	161/172	175/175
-	-	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
											EH*B-3M31	22.5/30.0	62.5/72.2	9.6/8.7	3.3/3.0	117/122	125/125
														-	-	143/155	150/175
														9.6/8.7	-	153/164	175/175
											EH*B-3M46	33.8/45.0	93.8/108	-	-	146/158	150/175
														9.6/8.7	3.3/3.0	156/167	175/175
-	-	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

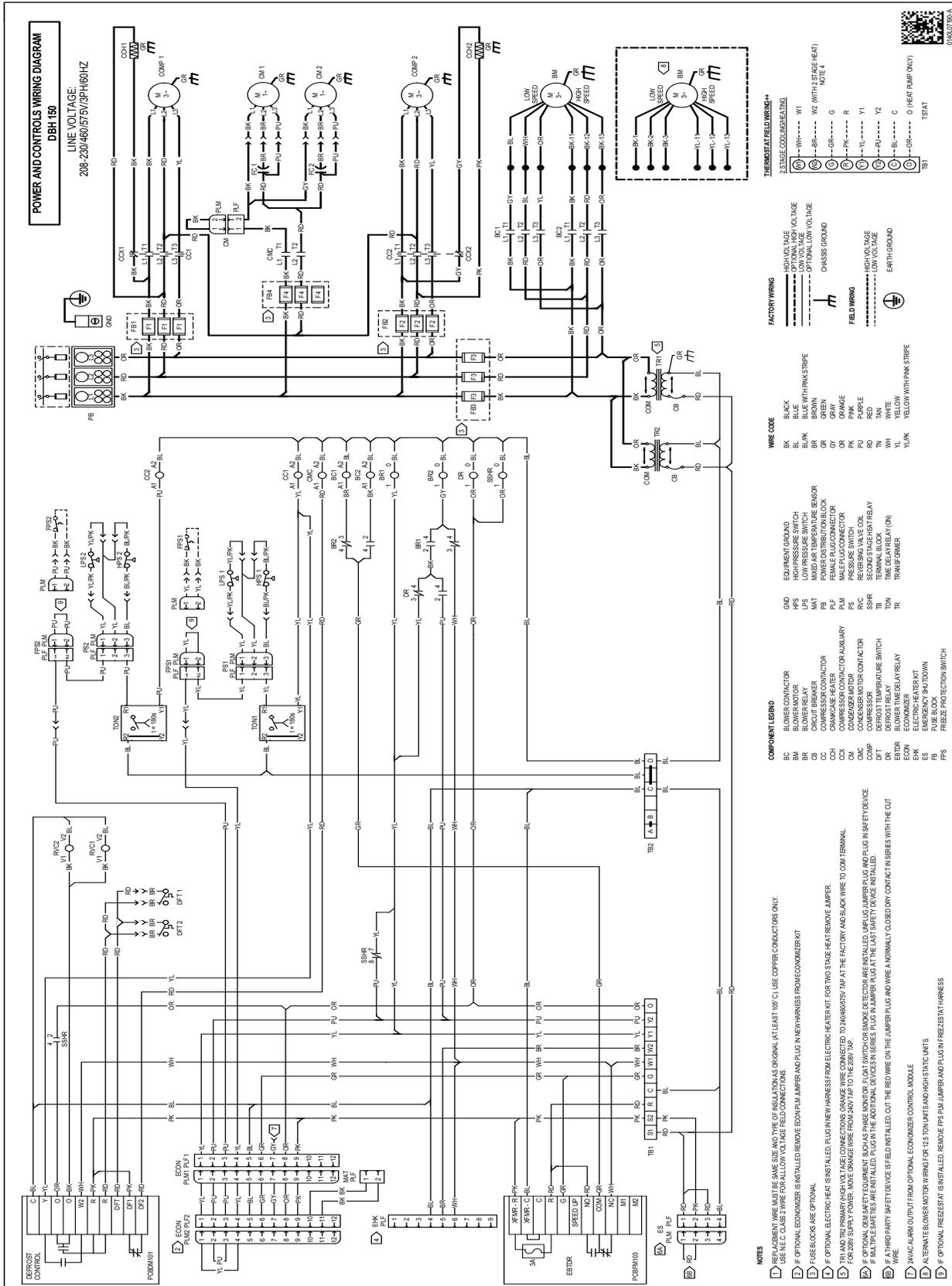
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DBH1504S	460/3/60	2	10.6	75	2	0.5	1.4	2-speed Belt-Drive 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
											EH*B-4M31	30	36.1	4.3	1	61	70
														-	-	78.3	80
														4.3	-	82.6	90
											EH*B-4M46	45	54.1	-	-	79.3	80
														4.3	1	83.6	90
-	-	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
											EH*B-4M31	30	36.1	4.3	1	58.7	60
														-	-	76	80
														4.3	-	80.3	90
											EH*B-4M46	45	54.1	-	-	77	80
														4.3	1	81.3	90
-	-	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
											EH*B-7M31	30	28.9	3.5	1.2	47.2	50
														-	-	60.6	70
														3.5	-	64.1	70
											EH*B-7M46	45	43.3	-	-	61.8	70
														3.5	1.2	65.3	70
-	-	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
											EH*B-7M31	30	28.9	3.5	1.2	45.5	50
														-	-	58.9	60
														3.5	-	62.4	70
											EH*B-7M46	45	43.3	-	-	60.1	70
														3.5	1.2	63.6	70
-	-	76.9	80														
-	-	-	3.5	-	80.4	90											
-	-	-	-	1.2	78.1	80											
-	-	-	3.5	1.2	81.6	90											



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.

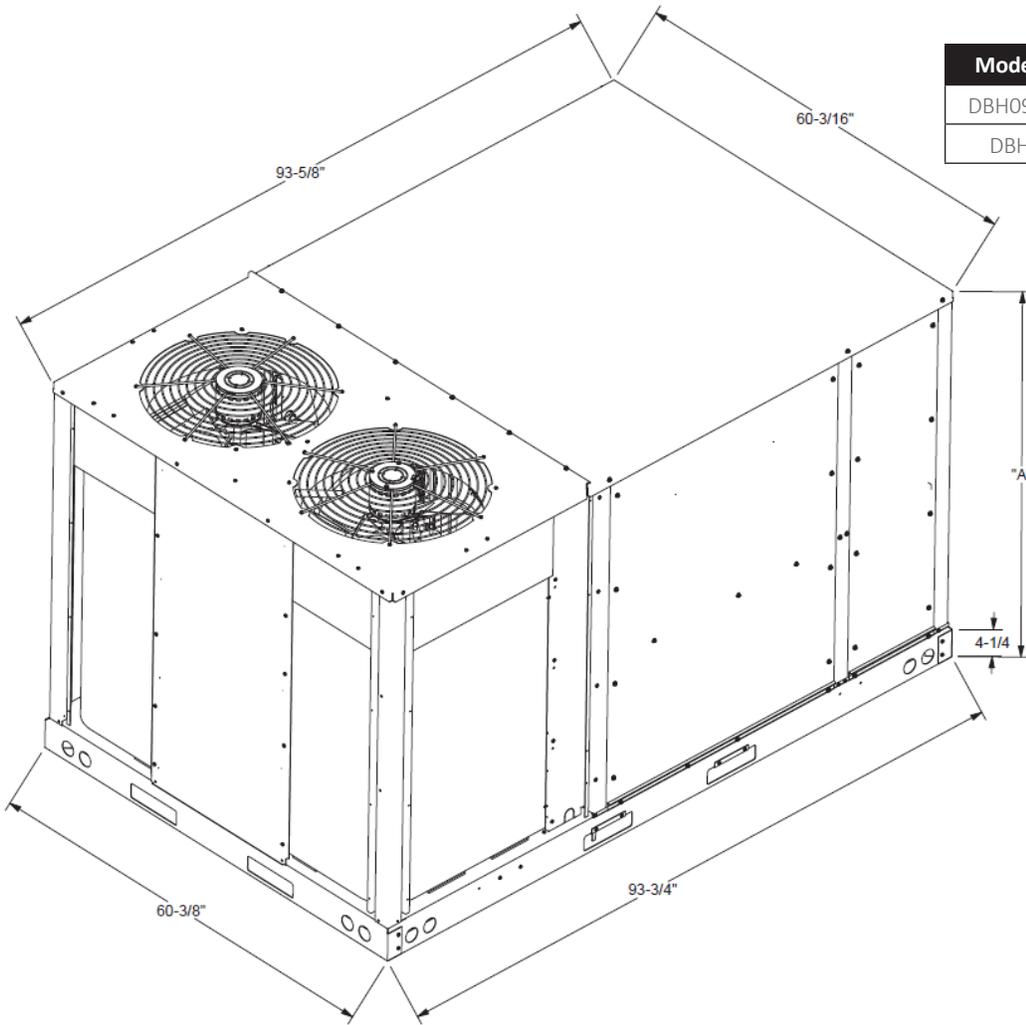
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



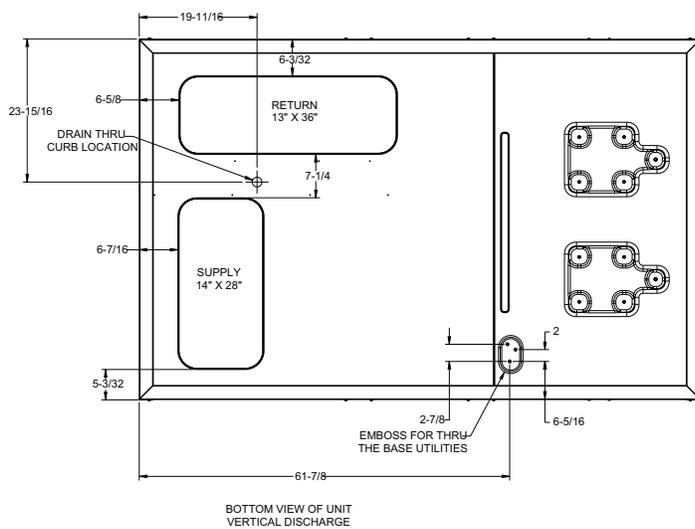
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



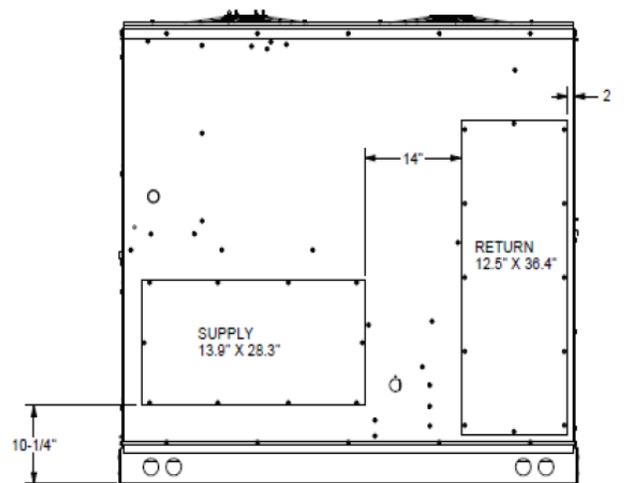
Warning is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



Model Size	DIM "A"
DBH090-120	54 1/4
DBH150	58-3/5

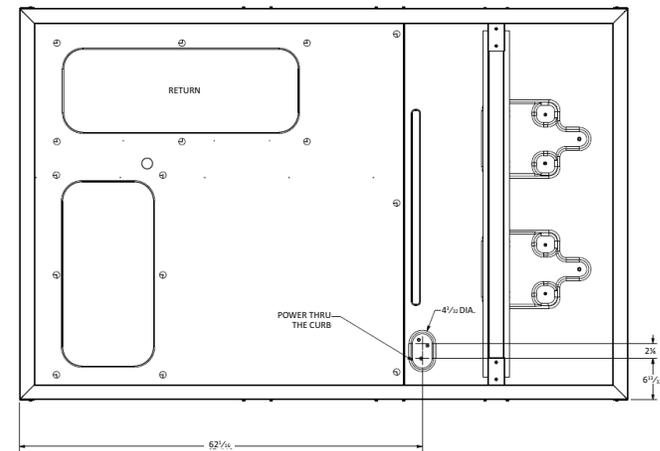
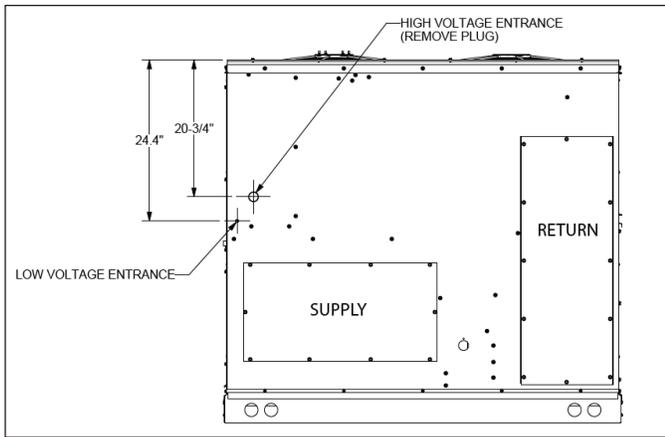
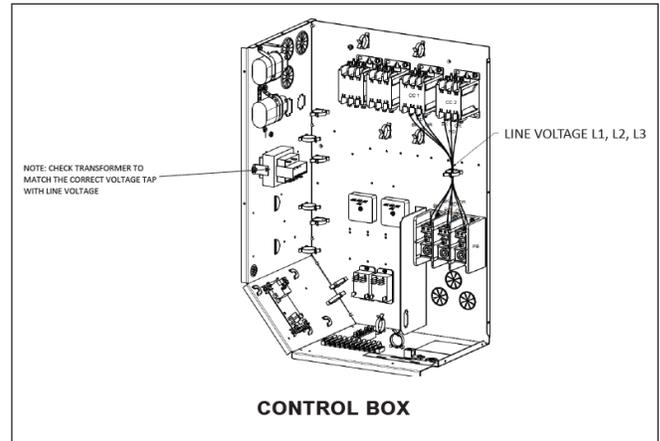
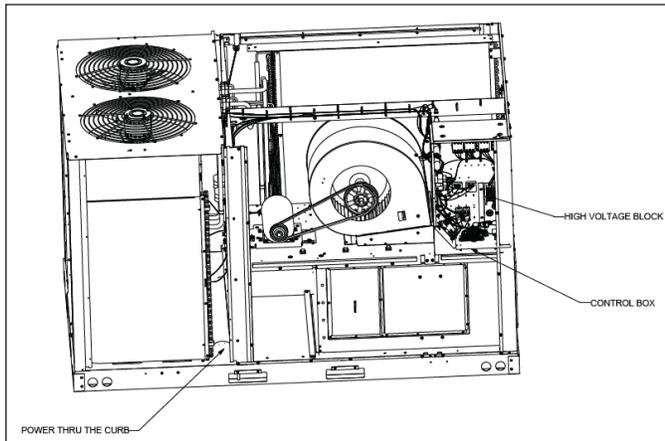


**BOTTOM VIEW OF UNIT
VERTICAL DISCHARGE**



HORIZONTAL DISCHARGE

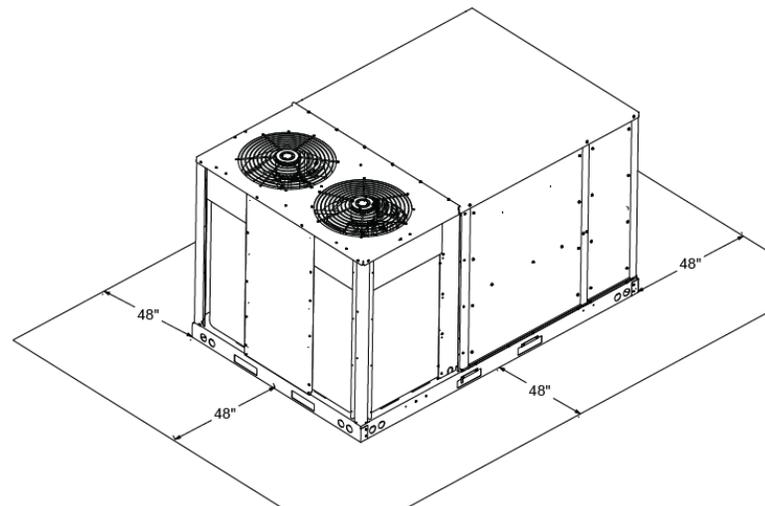
Electrical Connections



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 Location

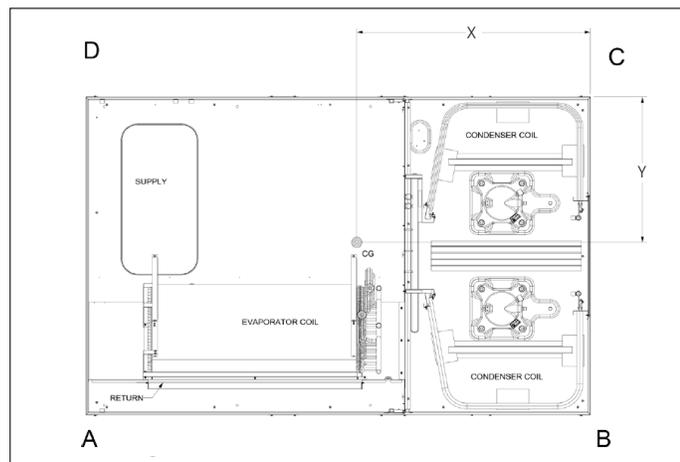
The structural engineer must verify that the roof has adequate support and ability to minimize deflection. Take extreme caution when using on a wooden roof structure. Unit condenser coils should be in a location that avoids any heated exhaust air.

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



CORNER & CENTER-OF-GRAVITY LOCATIONS

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.

Important: If using bottom discharge with roof curb, ductwork 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 X (in)	Width Y (in)
			A	B	C	D		
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**