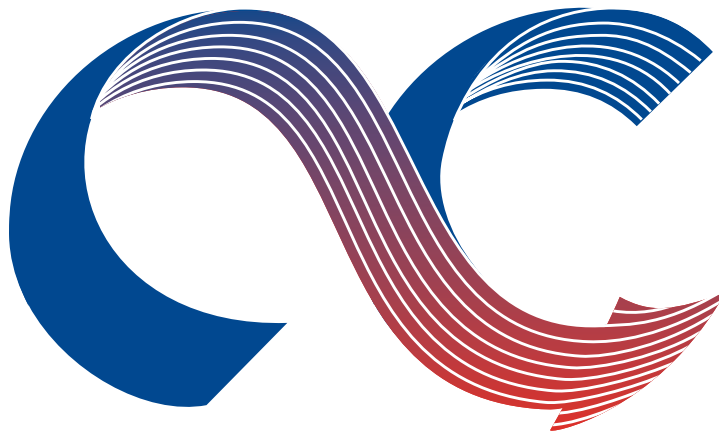


QUICKAIRE

Belt Drive Air Handling Units

COIL COMPANY



HEAT EXCHANGE • AIR HANDLING

P.O. Box 956
Paoli, PA 19301
(800) 523-7590
FAX (610) 251-0805
www.coilcompany.com

YOU HAVE A DIRECT LINE TO US!

QUICKAIRE

Belt Drive Air Handling Units

When it comes to building Air Handling Units for any application Coil Company has the capability to meet your requirements. If you need a stock Belt Drive Air Handling Unit, Coil Company can build it for you. We build units for almost any commercial application that you might run across. Do you have a shopping mall where you need a variety of units in a hurry? Or a restaurant that needs a DX Unit by next week? How about a Chilled Water Unit for a hotel, school, dormitory or small office building? There are a huge number of applications where your Air Handling Unit needs to be reliable and of good construction, but it doesn't have to be 'state-of-the-art' technology either. You need a unit next week and certainly can't wait 8 to 10 weeks. You want to pay the right amount of money for the proper unit, but the job doesn't qualify for the best unit in the HVAC industry. Coil Company offers Belt drive Units that give you an economical, well-constructed, efficient alternative to a large Central Station Unit or a less expensive Fan/Coil Unit.

In Stock ready for shipment

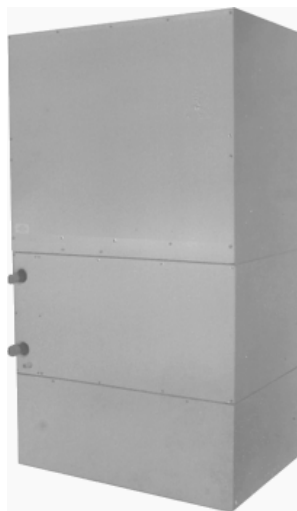
Coil Company stocks Horizontal Units in 8 sizes up to 20 tons and Vertical Units in 8 sizes up to 20 tons. We can provide a Chilled Water Unit or a DX Unit. We can also add Hot Water Coils to any unit, as well as Discharge Grilles, Mixing Boxes and assorted other

accessories. We offer you a great unit at an economical price and ship it right out of stock.

Coil Company is responsive to small jobs

We all know that the 'big companies' are not exactly responsive to customers on small jobs. The HVAC Industry seems to get more 'production oriented' every year. Unless you have a big job, the big companies don't exactly go out of their way to help you out. At Coil Company we get our business from lots of small jobs. We cater to companies that do small jobs and have developed a line of units designed specifically for all the small commercial applications that you might see. We try to blend quality, economics and service into our Belt Drive Air Handling Units. Perhaps you can buy another unit for a few dollars less, but how does that help you if you can't get it for 3 months? Maybe there are units with slightly better quality, but can you afford to spend megabucks to buy the unit? Maybe you can find another unit in stock, but will it do what you want it to do?

Coil Company is set up to meet the demands of the HVAC Industry and there is a large demand for our Belt Drive Air Handling Units. We hope you will call Coil Company at your earliest opportunity!



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Coil Company, LLC reserves the right to change dimensional, construction, performance or any other criteria shown in this publication without notice to its customers.

Acceptance of orders. Purchase orders are subject to acceptance and approval by Coil Company, LLC (seller). No Terms or Conditions appearing on purchase orders of other related documents that are contrary to our Standard Terms and Conditions shall be binding unless specifically agreed to beforehand by the Seller in writing.

Cancellation of orders. The Purchaser can cancel or modify an order upon written notice and Purchaser shall

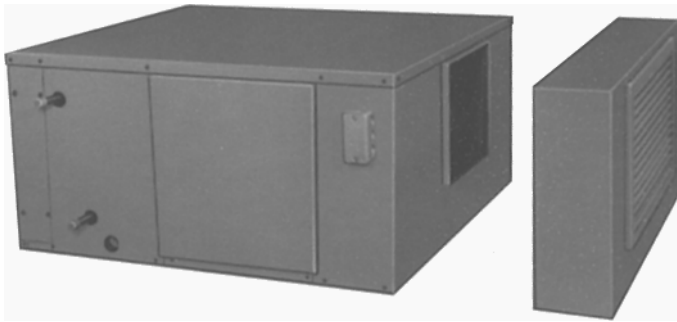
pay all costs (cancellation or modification) and charges as determined in an equitable way by seller.

Quotations. Any quotation in writing by Coil Company, LLC may or may not include freight charges within the quoted price(s). Regardless, all equipment is sent F.O.B. Factory and it is the Purchaser's responsibility to make claim for loss or damage with transportation (delivering) carrier.

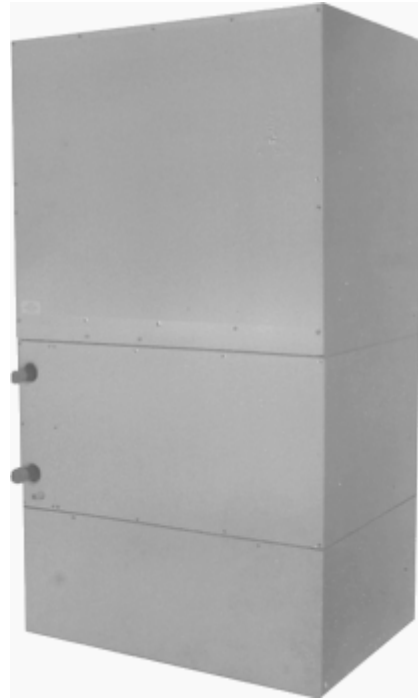
Warranty. See page 42.

DESCRIPTION & FEATURES

Standard Units in stock with 24 hour shipment



Horizontal water unit with
discharge grille.
2 thru 20 tons
600 thru 9000 CFM



Vertical water unit.
2 thru 20 tons
600 thru 9000 CFM

Stock Units – 24 hour shipment

Coil Company provides 8 standard models of horizontal air handling units and 10 models of vertical air handling units to choose from. All are available for order directly from stock, with chilled water or DX cooling coils. These standard units cover the cooling range from 2 tons (800

CFM) thru 20 tons (8,000 CFM). When you need an air handling unit for emergency or any reason, simply call Coil Company for quick shipment. Order a totally stock unit and Coil Company will ship in 24 hours.

Modified Stock Units – 3 to 4 day shipment

Coil Company has the ability to modify our standard units in a variety of ways, and still ship quickly. 'Modified stock' units ship in 3 to 4 days, with the following changes when requested by the customer:

- Change motors to larger h.p.
- Change motors to modified phase/voltage.
- Change chilled water or DX 3/4 row coil to larger 6 row coil.
- Add a 2 row hot water coil – mounted in unit or unmounted and shipped loose.

- Add a discharge grille on outlet of unit – shipped loose only.
- Add a mixing box on inlet – shipped loose only
- Change unit from standard right hand coil connection to left hand on water units only.
- Mount hot water coil in preheat position rather than standard reheat.
- Modify DX coils for heat pump use with a heat pump conversion kit – field installed only.
- Split DX coils with or without expansion valves mounted.

DESCRIPTION & FEATURES

Standard Features

- Forward curved blower wheels – factory balanced.
- All units have adjustable v-belt drives with a 1.2 service factor.
- Permanently lubricated ball bearing.
- Fully insulated with 3/4" thick fiberglass - 1½ #.
- All units have 2" throwaway filters with optional 2"

pleated filters available.

- 2 to 5 tons units have 3/8" thread nuts in each corner of top panel for easy suspension. 7½ thru 20 ton units have 7/8" knockouts in each corner for suspension rods.
- All DX units have expansion valves mounted.

Optional Features

See page 4 for modified stock unit options.

Construction specifications

COILS – All coils are 3/8" or 1/2" copper tube with aluminum fins and standard copper connections.
 BLOWER WHEEL – Forward curved steel wheel.
 BEARINGS – Ball bearings – permanent sealed cartridge type 200,000 hours+.
 DRAIN PAN – Horizontal - 20 ga. stainless steel.
 Vertical - 20 ga. galvanized steel; (stainless optional)
 MOTORS – Open drip proof, 1725 RPM, and all motors

have thermal overload protection.

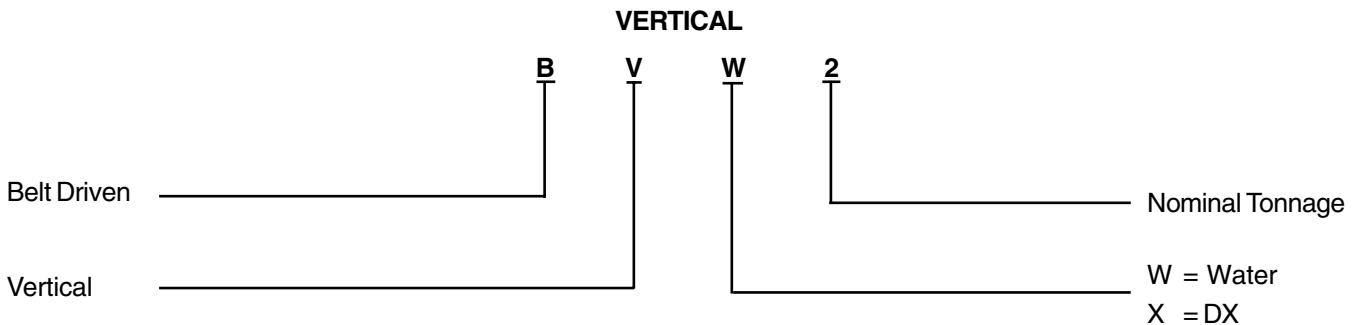
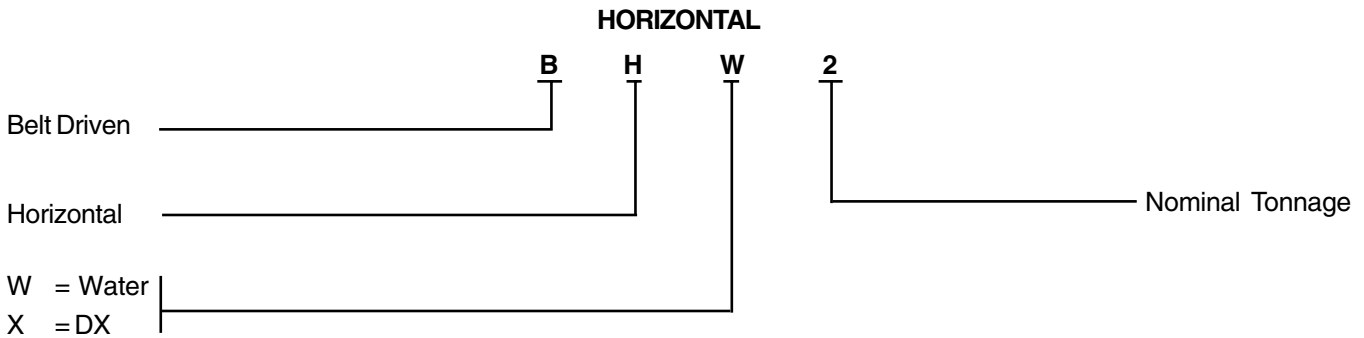
HOUSING – Ranges from 18 ga. to 22 ga. cold rolled steel.

COATING – Baked-on beige enamel.

FILTERS – 2" throwaway w/access from both sides.

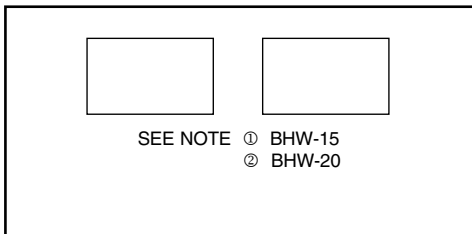
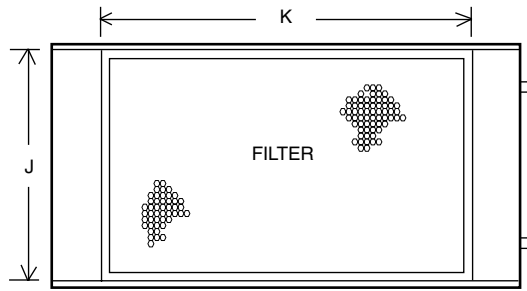
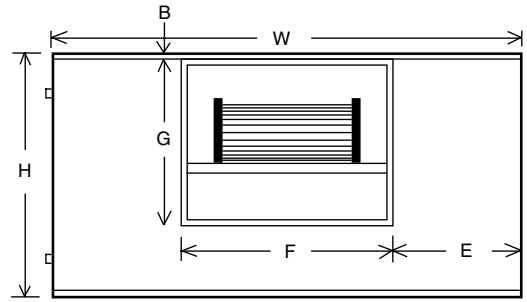
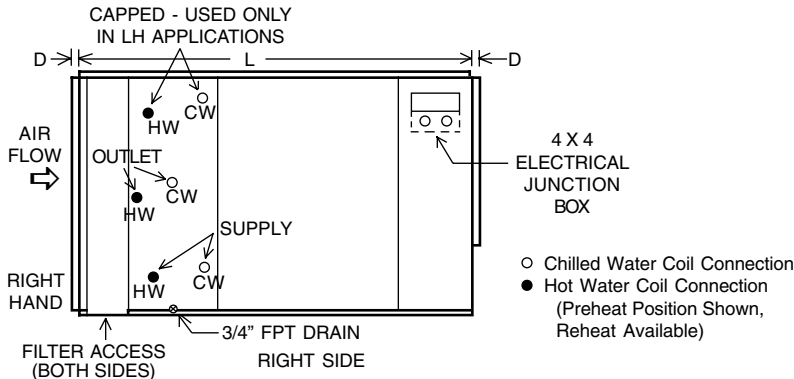
V-BELT DRIVE – Pulleys are keyed on motor shaft and fan shaft.

NOMENCLATURE



HORIZONTAL - 2 thru 20 TONS

BELT DRIVE HORIZONTAL CHILLED WATER UNITS



DUAL BLOWER UNITS (60, 80)

CABINET DIMENSIONS AND SPECIFICATIONS

MODEL	UNIT						BLOWER OPENING OUTLET		RETURN DUCT CONN.	
	L	W	H	D	E	B	F	G	K	J
BHW-02	37.00	27.00	18.00	1	9.13	1.00	8.75	10.88	18.00	16.00
BHW-03	37.00	36.50	18.00	1	12.09	1.00	12.31	10.88	27.50	16.00
BHW-04	42.00	38.00	22.00	1	14.25	1.00	9.5	14.00	29.00	20.00
BHW-05	42.00	45.00	22.00	1	16.00	1.00	13.00	14.00	36.00	20.00
BHW-7.5	52.50	54.00	27.00	1	20.38	1.00	13.25	16.75	45.00	25.00
BHW-10	52.50	57.00	34.00	1	21.88	8.5	13.25	16.75	48.00	32.00
BHW-15	57.50	67.13	42.00	1	□	7.00	(2) 16.07	(2) 15.88	57.75	40.25
BHW-20	57.50	72.00	47.00	1	□	11.88	(2) 16.07	(2) 15.88	66.00	45.00

① Blower opening 7" down from top of unit. Looking at discharge 14-3/8 left side, 11-3/8 center and 8-3/8 right side.

② Blower opening 11-7/8" down from top of unit. Looking at discharge 14-3/16 left side, 11-3/8 center and 13-5/16 right side.

MODEL	NOM. TONS	WATER COIL CONNECTION SIZE (OD SWT)							FILTER
		4 ROW	SHIP WT	6 ROW	SHIP WT	2 ROW	1 ROW	SHIP WT**	
BHW-02	2	3/4"	145	3/4"	156	5/8"	5/8"	13	16 X25
BHW-03	3	3/4"	171	7/8"	190	7/8"	5/8"	18	1-16 X 32
BHW-04	4	7/8"	200	1 1/8"	227	7/8"	7/8"	25	2-16 X 20
BHW-05	5	1 1/8"	244	1 1/8"	263	1 1/8"	7/8"	30	2-20 X 20
BHW-7.5	7.5	1 1/8"	457	1 3/8"	475	1 1/8"	N/A	41	2-16 X 25 1-20 X 25
BHW-10	10	1 3/8"	512	1 5/8"	547	1 1/8"	N/A	53	3-16 X 32
BHW-15	15	1 3/8"	700	1 5/8"	787	1 3/8"	N/A	86	2-20 X 25 4-20 X 20
BHW-20	20	2-1 5/8"	775	1-1 5/8"	855	2-1 1/8"	N/A	106	2-16 X 20 2-16 X 25 2-20 X 20 2-20 X 25

HORIZONTAL - 2 thru 20 TONS

BHW STANDARD FEATURES

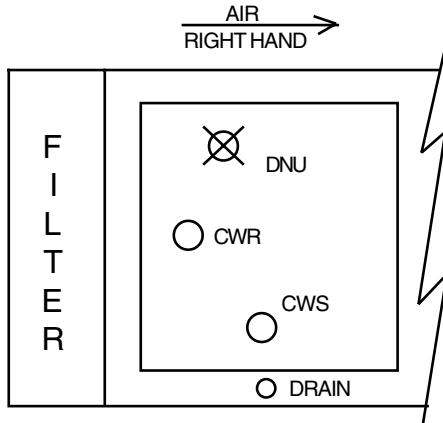
- Controls (i.e. contractor, starter, or transformer/fan relay) not included in standard product. Only ODP, single and three phase motors on 2-5 Ton units are factory-wired to J-box. All other motors require field wiring to J-box located on side of unit cabinet.
- BHW-02 through BHW-20 have 3/8" NC thread inserts (7/8" in from corners) in each corner of top panel for easy suspension. BHW-7.5 through BHW-20 have 7/8" knockouts in each corner of top and bottom panels for suspension rods to pass through. 7/8" knockouts are 3-1/2" in from corners - both on center line.
- Chilled water (optional hot water or steam) coil stubouts, electrical and drain connections are standard right hand looking at filters. Optional left hand connections available.
- Stocked Optional Accessories:
 - 1 Row Hot Water Heating Coil (7.5-20 only) - Specify reheat or preheat
 - 2 Row Hot Water Heating Coil
 - MB Series Mixing Boxes
 - Mixing Box Controls (Field Install and Wire)
 - Four Way Deflection Discharge Grille Plenum
 - Return Air Grille
 - Unit Spring Isolators
 - 2" Pleated Filters
- Non-Stock Options:
 - Special Insulation
 - Steam Coils (See Steam Brochure)
 - Bottom Access (7.5-20 only)
 - Electric Heat
 - Double Wall Construction
 - Face & Bypass Damper

HORIZONTAL - 2 thru 20 TONS

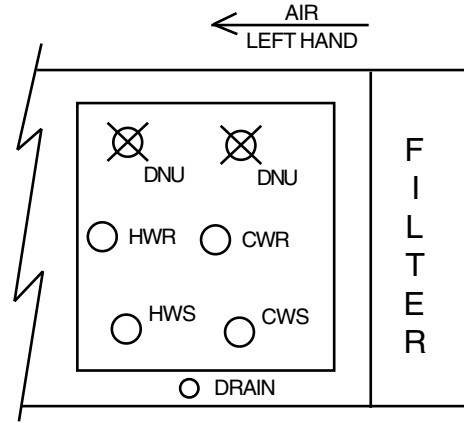
BHW BELT DRIVE UNITS

CWS = CHILLED WATER SUPPLY
 CWR = CHILLED WATER RETURN
 HWS = HOT WATER SUPPLY

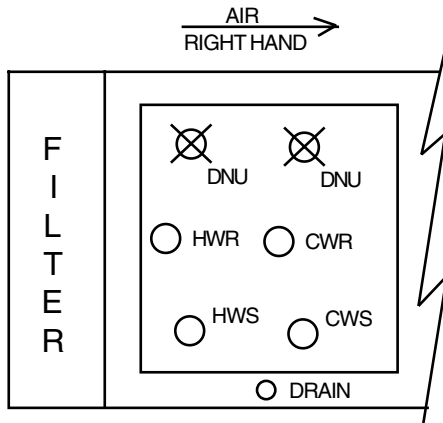
HWR = HOT WATER RETURN
 DNU = DO NOT USE (PIPE)



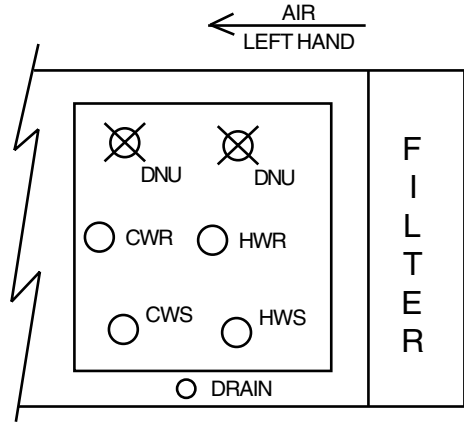
CHILLED WATER ONLY
 4 OR 6 ROW



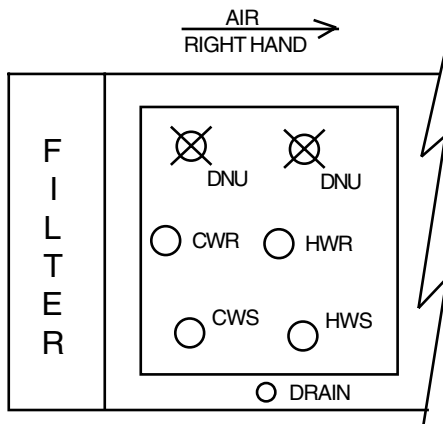
CHILLED WATER (1ST COIL)
 REHEAT WATER (2ND COIL)



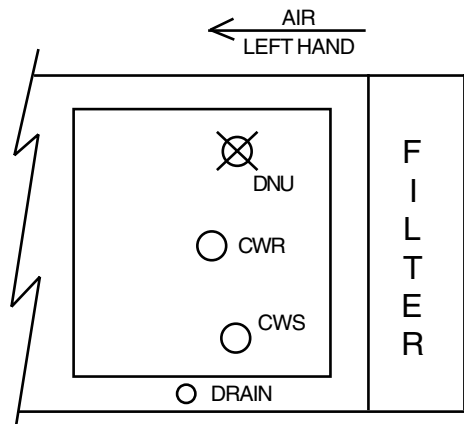
PREHEAT WATER (1ST COIL)
 CHILLED WATER (2ND COIL)



PREHEAT WATER (1ST COIL)
 CHILLED WATER (2ND COIL)



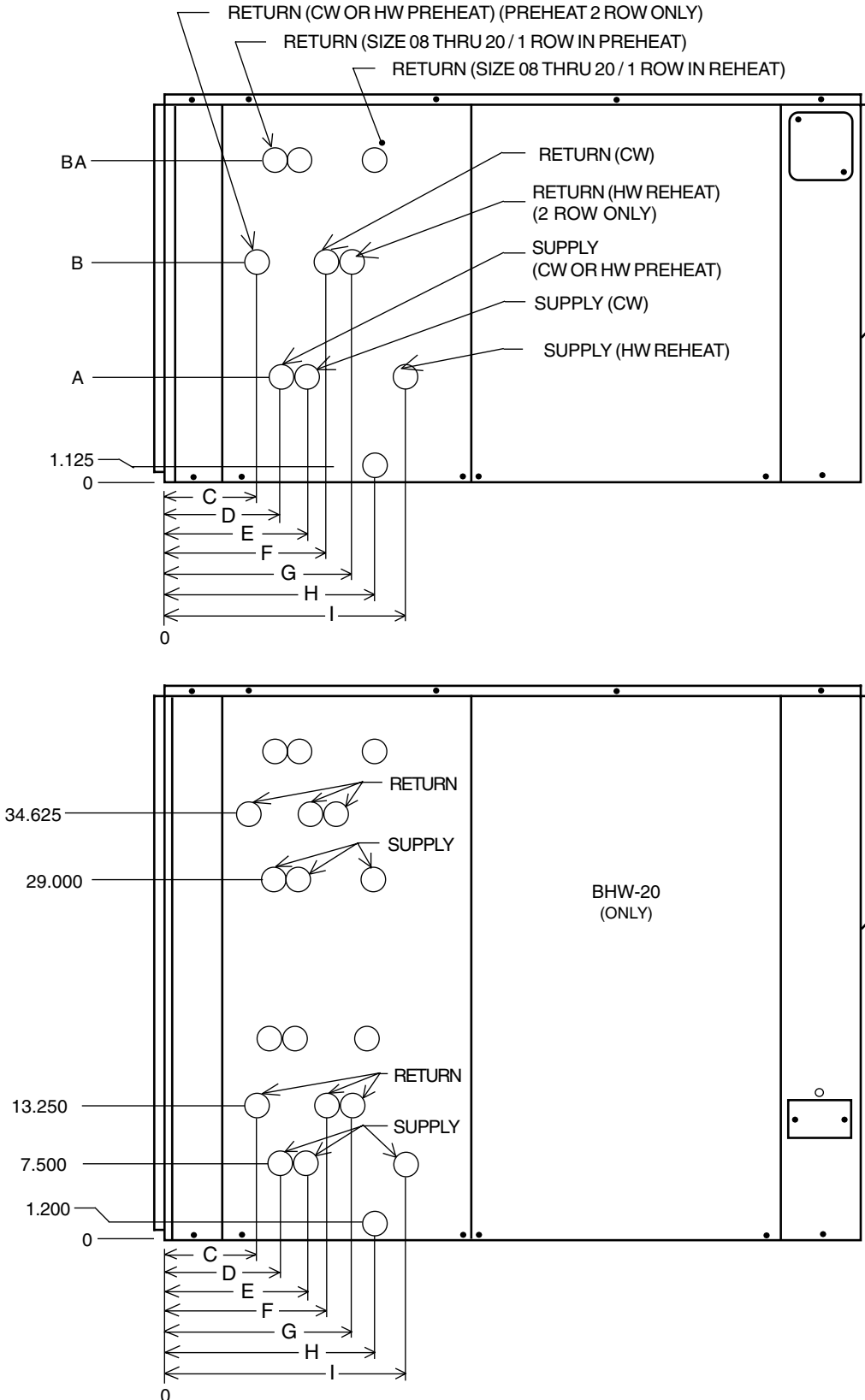
CHILLED WATER (1ST COIL)
 REHEAT WATER (2ND COIL)



CHILLED WATER ONLY
 4 OR 6 ROW

HORIZONTAL - 2 thru 20 TONS

2 THRU 20 TONS - STUBOUT DIMENSIONS - BHW UNITS



HORIZONTAL - 2 thru 20 TONS

2 THRU 20 TON BHW COIL STUBOUT DIMENSIONAL DATA

UNIT SIZE	A	B	BA	C	D	E	F	G	H	I
BHW-02,03-4	5.500	9.750	-	4.400	-	7.000	-	-	9.500	-
BHW-02,03-4-1	5.500	9.750	14.000	4.400	-	7.000	-	-	9.500	10.500
BHW-02,03-4-2	5.500	9.750	-	4.400	-	7.000	-	9.375	9.500	10.500
BHW-02,03-1-4	5.500	9.750	-	-	5.400	-	7.875	-	9.500	10.500
BHW-02,03-2-4	5.500	9.750	14.000	4.400	5.400	-	7.875	-	9.500	10.500
BHW-02,03-6	5.500	9.750	-	4.400	-	8.750	-	-	9.500	-
BHW-02,03-6-1	5.500	9.750	14.000	4.400	-	8.750	-	-	9.500	12.250
BHW-02,03-6-2	5.500	9.750	-	4.400	-	8.750	-	11.125	9.500	12.250
BHW-02,03-1-6	5.500	9.750	14.000	-	5.400	-	7.875	-	9.500	12.250
BHW-02,03-2-6	5.500	9.750	-	4.400	5.400	-	7.875	-	9.500	12.250

UNIT SIZE	A	B	BA	C	D	E	F	G	H	I
BHW-04,05,-4	5.500	11.750	-	4.400	-	7.000	-	-	9.500	-
BHW-04,05,-4-1	5.500	11.750	18.000	4.400	-	7.000	-	-	9.500	10.500
BHW-04,05,-4-2	5.500	11.750	-	4.400	-	7.000	-	9.375	9.500	10.500
BHW-04,05,-1-4	5.500	11.750	18.000	-	5.400	-	7.875	-	9.500	10.500
BHW-04,05,-2-4	5.500	11.750	-	4.400	5.400	-	7.875	-	9.500	10.500
BHW-04,05,-6	5.500	11.750	-	4.400	-	8.750	-	-	9.500	-
BHW-04,05,-6-1	5.500	11.750	18.000	4.400	-	8.750	-	-	9.500	12.250
BHW-04,05,-6-2	5.500	11.750	-	4.400	-	8.750	-	11.125	9.500	12.250
BHW-04,05,-1-6	5.500	11.750	18.000	-	5.400	-	7.875	-	9.500	12.250
BHW-04,05,-2-6	5.500	11.750	-	4.400	5.400	-	7.875	-	9.500	12.250

UNIT SIZE	A	B	BA	C	D	E	F	G	H	I
BHW-7.5-4	5.500	14.250	-	4.400	-	7.750	-	-	10.625	-
BHW-7.5-4-2	5.500	14.250	-	4.400	-	7.750	-	10.375	10.625	11.375
BHW-7.5-2-4	5.500	14.250	-	4.400	5.400	-	8.188	-	10.625	11.375
BHW-7.5-6	5.500	14.250	-	4.400	-	9.875	-	-	10.625	-
BHW-7.5-6-2	5.500	14.250	-	4.400	-	9.875	-	12.500	10.625	13.500
BHW-7.5-2-6	5.500	14.250	-	4.400	5.400	-	8.188	-	10.625	13.500
BHW-10-4	4.750	17.500	-	4.400	-	7.750	-	-	10.625	-
BHW-10-4-2	4.750	17.500	-	4.400	-	8.125	-	10.375	10.625	11.375
BHW-10-2-4	4.750	17.500	-	4.400	5.400	-	8.188	-	10.625	11.375
BHW-10-6	4.750	17.500	-	4.400	-	9.875	-	-	10.625	-
BHW-10-6-2	4.750	17.500	-	4.400	-	9.875	-	12.500	10.625	13.500
BHW-10-2-6	4.750	17.500	-	4.400	5.400	-	8.188	-	10.625	13.500

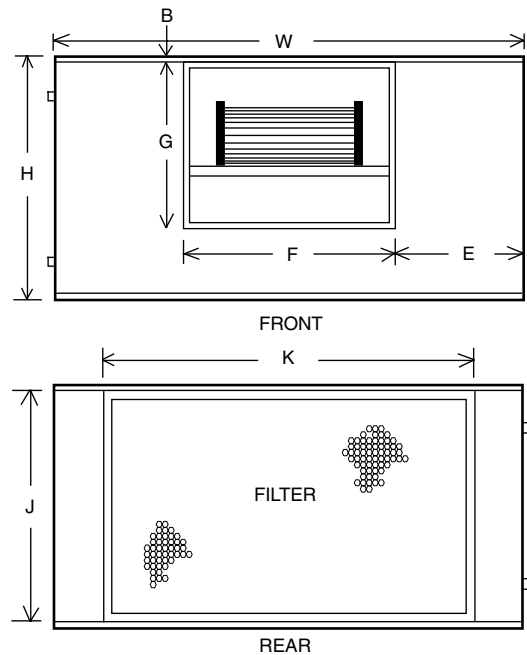
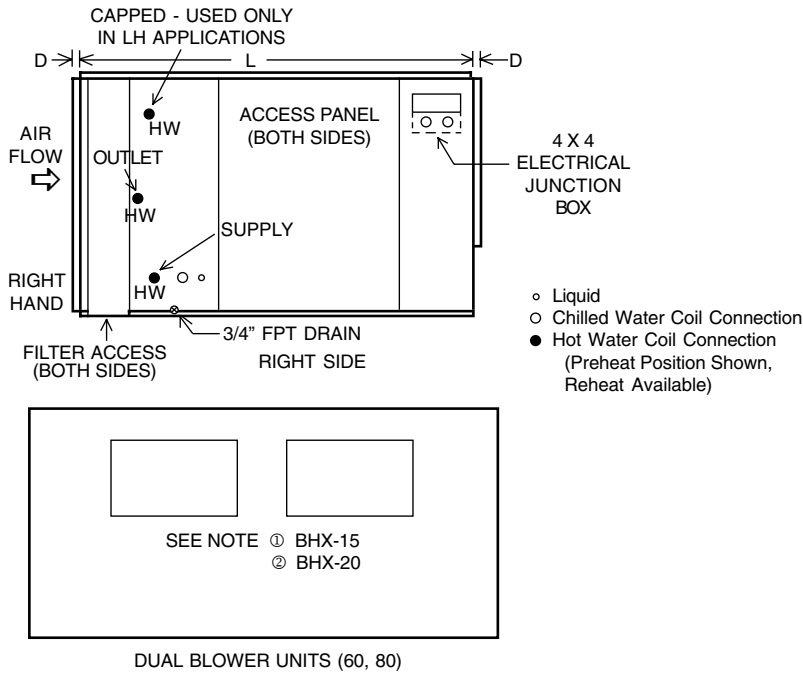
UNIT SIZE	A	B	BA	C	D	E	F	G	H	I
BHW-15-4	6.800	21.500	-	4.400	-	8.625	-	-	11.700	-
BHW-15-4-2	6.800	V	-	4.400	-	8.625	-	11.375	11.700	12.375
BHW-15-2-4	6.800	21.500	-	4.400	6.500	-	9.125	-	11.700	12.375
BHW-15-6	6.800	21.500	-	4.400	-	10.800	-	-	11.700	-
BHW-15-6-2	6.800	21.500	-	4.400	-	10.800	-	13.500	11.700	14.500
BHW-15-2-6	6.800	21.500	-	4.400	6.500	-	9.125	-	11.700	14.500
BHW-20-4	-	-	-	5.500	6.625	8.750	-	-	11.700	-
BHW-20-4-2	-	-	-	5.500	6.625	8.750	-	11.375	11.700	12.375
BHW-20-2-4	-	-	-	5.500	6.625	-	9.250	-	11.700	12.375
BHW-20-6	-	-	-	5.500	6.625	11.000	-	-	11.700	-
BHW-20-6-2	-	-	-	5.500	6.625	11.000	-	13.500	11.700	14.625
BHW-20-2-6	-	-	-	5.500	6.625	-	9.250	-	11.700	14.625

4 or 6 = Chilled Water Coil (number in front indicates reheat)

1 or 2 = Hot Water Coil (number in front indicates preheat)

HORIZONTAL - 2 thru 20 TONS

BELT DRIVE HORIZONTAL DIRECT EXPANSION BLOWER COIL UNITS



CABINET DIMENSIONS AND SPECIFICATIONS

MODEL	UNIT						BLOWER OPENING OUTLET		RETURN DUCT CONN.	
	L	W	H	D	E	B	F	G	K	J
BHX-02	37.00	27.00	18.00	1	9.13	1.00	8.75	10.88	18.00	16.00
BHX-03	37.00	36.50	18.00	1	12.09	1.00	12.31	10.88	27.50	16.00
BHX-04	42.00	38.00	22.00	1	14.25	1.00	9.50	14.00	29.00	20.00
BHX-05	42.00	45.00	22.00	1	16.00	1.00	13.00	14.00	36.00	20.00
BHX-7.5	52.50	54.00	27.00	1	20.38	1.00	13.25	16.75	45.00	25.00
BHX-10	52.50	57.00	34.00	1	21.88	8.50	13.25	16.75	48.00	32.00
BHX-15	57.50	67.13	42.00	1	□	7.00	(2) 16.07	(2) 15.88	57.75	40.25
BHX-20	57.50	72.00	47.00	1	□	11.88	(2) 16.07	(2) 15.88	66.00	45.00

- ① Blower opening 7" down from top of unit. Looking at discharge 14-3/8 left side, 11-3/8 center and 8-3/8 right side.
- ② Blower opening 11-7/8" down from top of unit. Looking at discharge 14-3/16 left side, 11-3/8 center and 13-5/16 right side.
- ③ When a hot water coil is installed in a BHX unit, a freeze stat must be field installed to prevent the hot water coil from freezing.

MODEL	NOM. TONS	COIL FACE AREA	3 ROW DX			HOT WATER COIL			FILTER
			LIQ. LINE	SUCT. LINE	SHIP WT.	1 ROW	2 ROW	SHIP WT.**	
BHX-02	2	2.05	3/8" OD SWT	3/4" OD SWT	146	5/8" OD SWT	5/8" OD SWT	13	16 X25
BHX-03	3	3.05	3/8" OD SWT	3/4" OD SWT	178	7/8" OD SWT	7/8" OD SWT	18	1-16 X 32
BHX-04	4	4.03	1/2" OD SWT	7/8" OD SWT	203	7/8" OD SWT	7/8" OD SWT	25	2-16 X 20
BHX-05	5	5.00	1/2" OD SWT	1 1/8" OD SWT	246	1 1/8" OD SWT	1 1/8" OD SWT	30	2-20 X 20
BHX-7.5	7.5	7.16	5/8" OD SWT *1/2" OD SWT (2)	1 1/8" OD SWT *7/8" OD SWT (2)	425	N/A	1 1/8" OD SWT	41	2-16 X 25 1-20 X 25
BHX-10	10	10.22	5/8" OD SWT *1/2" OD SWT (2)	1 3/8" OD SWT *7/8" OD SWT (2)	485	N/A	1 1/8" OD SWT	53	3-16 X 32
BHX-15	15	13.75	7/8" OD SWT *5/8" OD SWT (2)	1 3/8" OD SWT *1 1/8" OD SWT (2)	707	N/A	1 3/8" OD SWT	86	2-20 X 25 4-20 X 20
BHX-20	20	16.60	2-5/8" OD SWT	2-1 3/8" OD SWT	780	N/A	2-1 1/8" OD SWT	106	2-16 X 20 2-16 X 25 2-20 X 20 2-20 X 25

* For Unit with Dual Expansion Valve ** Coil only

HORIZONTAL - 2 thru 20 TONS

BHX SERIES STANDARD FEATURES

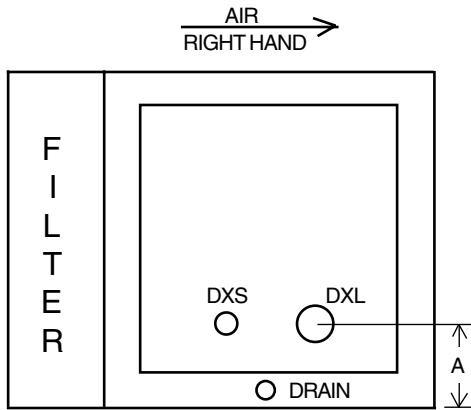
- Controls (i.e. contractor, starter, or transformer/fan relay) not included in standard product. Only ODP, single and three phase motors on 2-5 Ton units are factory-wired to J-box. All other motors require field wiring to J-box located on side of unit cabinet.
- BHX-02 through BHX-20 have 3/8" NC thread inserts (7/8" in from corners) in each corner of top panel for easy suspension. BHX-15 through BHX-20 have 7/8" knockouts in each corner of top and bottom panels for suspension rods to pass through. 7/8" knockouts are 3-1/2" in from corners - both on center line.
- Suction, liquid, optional hot water or steam coil, electrical and drain stubouts are standard right hand, looking at filters.
- All units stocked with thermal expansion valve mounted - with side port distributors.
- Stocked Optional Accessories:
 - 1 Row Hot Water Heating Coil (7.5-20 only)
 - 2 Row Hot Water Heating Coil
 - MB Series Mixing Boxes
 - Actuator Kits for Mixing Boxes (Field Install and Wire)
 - Discharge Grille Plenum
 - Return Air Grille
 - Spring Vibration Isolators (Unit Hanger Kit)
 - Heat pump conversion kit available for field mounting.
(Contact factory for compatibility with specific heat pump models.)
- Non-Stock Options:
 - 6 Row Direct Expansion Coil
 - Steam Coils
 - Bottom Access (7.5-20 only)
 - Special Insulation
 - Electric Heat
 - Double Wall Construction
 - Face & Bypass Damper

HORIZONTAL - 2 thru 20 TONS

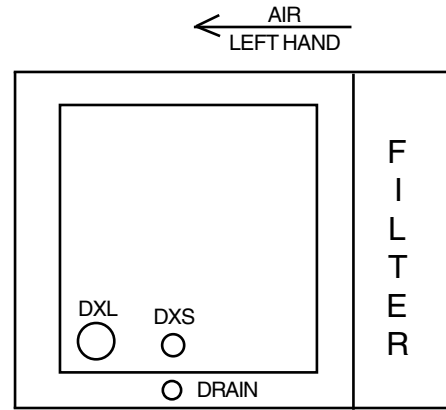
BHX BELT DRIVE UNITS

DXL = DX COIL LIQUID
 DXS = DX COIL SUCTION
 HWS = HOT WATER SUPPLY

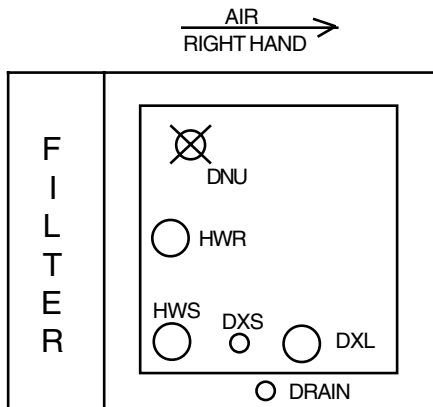
HWR = HOT WATER RETURN
 DNU = DO NOT USE (PIPE)
 HOT WATER PREHEAT COILS REQUIRE A FREEZESTAT (BY OTHERS)



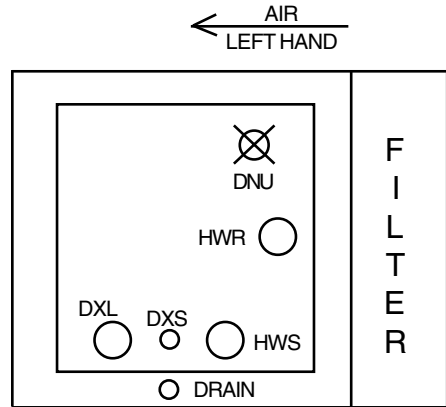
DX COOLING ONLY
 4 OR 6 ROW



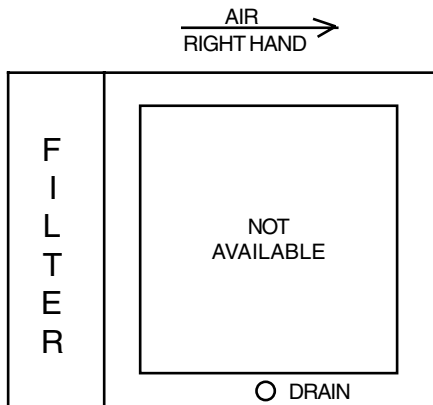
DX COOLING ONLY
 4 OR 6 ROW



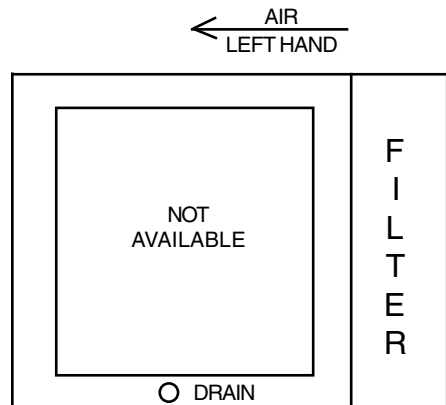
PREHEAT WATER (1ST COIL)
 DX COOLING (2ND COIL)



PREHEAT WATER (1ST COIL)
 DX COOLING (2ND COIL)



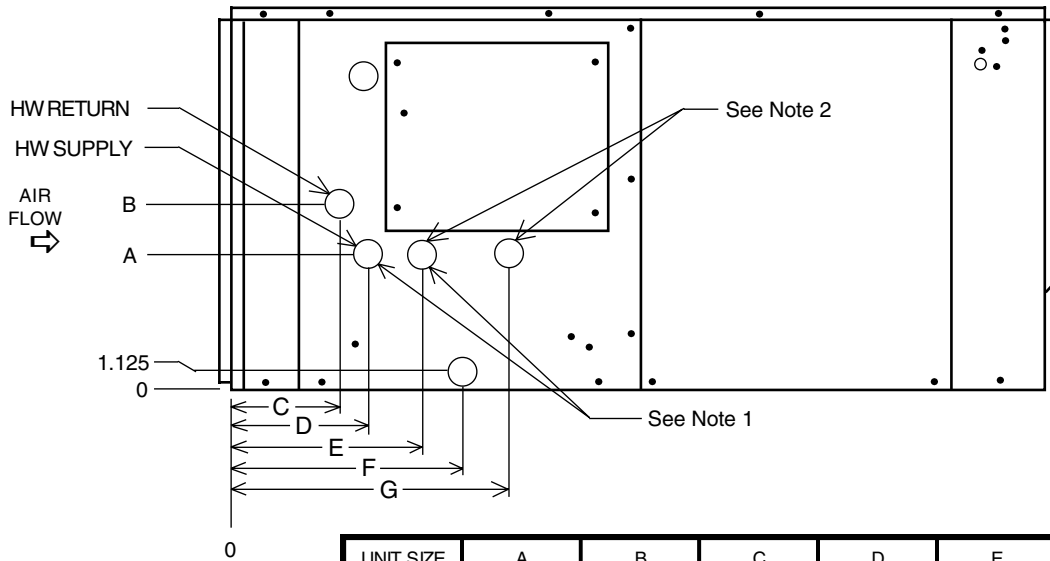
REHEAT WATER/DX COOLING
 (WATER COIL DOWNSTREAM)



REHEAT WATER/DX COOLING
 (WATER COIL DOWNSTREAM)

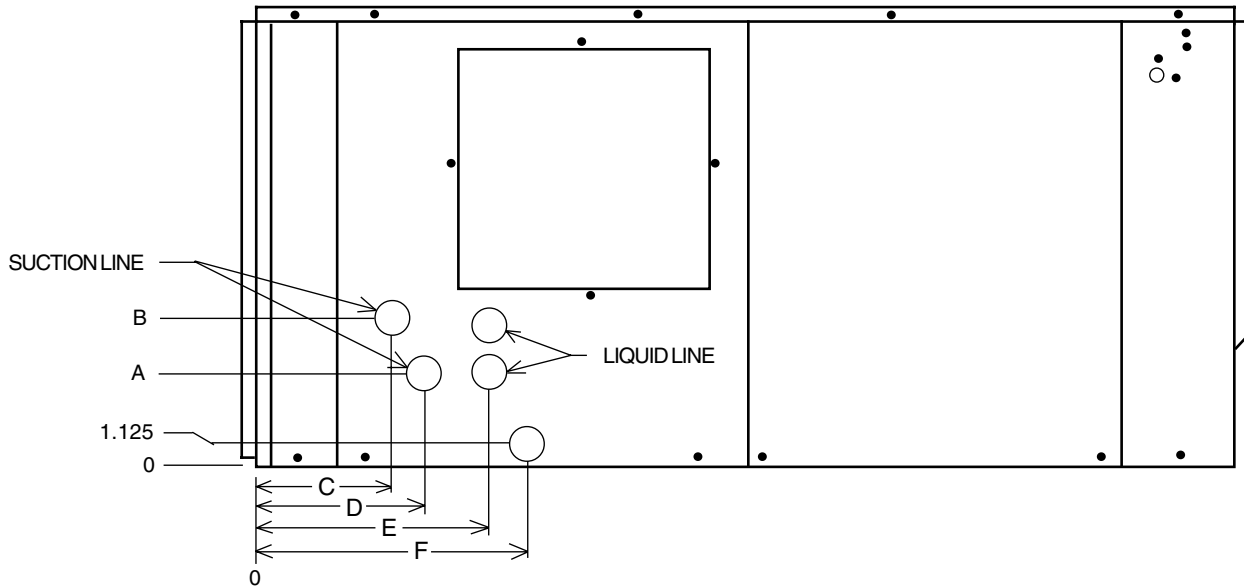
HORIZONTAL - 2 thru 20 TONS

2 THRU 20 TONS - STUBOUT DIMENSIONS - BHX UNITS



- NOTE:
1. These stubout locations are used for the cooling coil if there is not a preheat coil.
 2. These stubout locations are used for the cooling coil if there is a preheat coil.

UNIT SIZE	A	B	C	D	E	F	G
BHX-02,03	5.400	9.750	4.400	5.500	9.000	9.500	12.500
BHX-04,05	5.400	11.750	4.400	5.500	9.000	9.500	12.500
BHX-7.5	5.500	14.300	4.400	5.500	9.300	10.625	13.000
BHX-10	4.750	17.500	4.400	5.500	9.300	10.625	13.000
BHX-15	6.800	21.500	5.400	6.500	10.200	11.700	14.000



UNIT SIZE	A	B	C	D	E	F
BHX-7.5 DUAL	5.500	8.250	5.600	7.375	10.000	10.625
BHX-10 DUAL	5.000	7.000	5.600	7.375	10.000	10.625
BHX-15 DUAL	6.800	9.500	6.500	8.250	10.900	11.700
BHX-20 DUAL	10.000	13.500	6.625	8.375	11.600	11.700

HORIZONTAL - 2 thru 20 TONS

Engineering Specifications BHW & BHX

Contractor shall furnish and install high quality air handling units as indicated on plans. Sizes and capacities shall be shown in the Unit Schedule included on the drawings. All units shall be the products of Coil Company, LLC with the ETL safety listing.

Cabinets shall be fabricated of LFQ (min.) steel. External parts are to be made with polyurethane based powder coated A60 galvanealed, while internal parts are to be built from G90 galvanized steel. Units shall pass 500 hour salt spray test as described in ASTM B-117. Large access panels shall be provided to permit full access to internal components. The structural integrity of the cabinets shall remain unaffected by the removal of any or all access panels.

Insulation shall be 1 inch dual density, blanket-type made from borosilicate glass fibers bonded with a thermosetting resin. Insulation shall include antimicrobial coating. Insulation shall be one and-one-half pound density providing effective acoustical and thermal control, fire safety, and resistance to air erosion.

Coils shall be of the staggered tube type constructed with seamless copper tubes and headers, and deep corrugated aluminum fins with straight edges. Manufacturer shall supply full depth collars, drawn in the fin stock to provide accurate control of fin spacing and completely cover the copper tubes to lengthen coil life. The tubes are to be mechanically expanded into the fins for a permanent primary to secondary surface bond, assuring maximum heat transfer efficiency. The coils are to be tested at 500 PSI for operation at 400 PSI gauge. The coils provided shall be suitable for the application and comply with the required performance as described in the Unit Schedule.

Drainpans shall be sloped in two planes for positive drainage and shall be fabricated of heavy gauge Type 304 stainless steel.

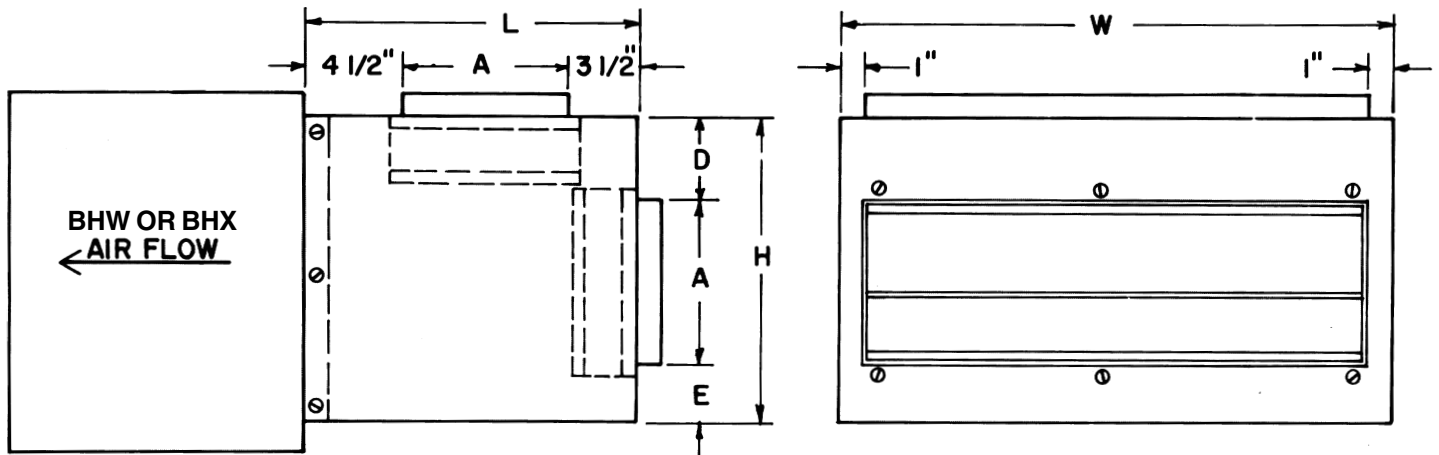
Fan Wheels shall be double width, double inlet, forward curved, centrifugal type. They shall be statically and dynamically balanced for smooth, quiet operation. The housing shall be constructed of heavy gauge steel with die-formed inlet cones. The bearings shall be self aligning, sealed cartridge, permanently lubricated ball bearings that are rubber mounted and shall provide dependable fan operation for an average life of 200,000 hours. The fan shaft shall be solid cold rolled steel designed such that its operating speed is below its first critical speed.

Motors and Drives shall be belt drive, standard duty, 1725 RPM, open, drip-proof construction. Single phase motors shall be provided with resilient mount and automatic reset thermal protection. Drive shall be of the V-belt type. Variable pitch motor sheaves are to be furnished for ease and accuracy in balancing the system and adjusting the required air volume. The motors are to be bolted to an adjustable platform to facilitate belt tension and alignment. The blower sheave shall be cast iron single groove with split tapered bushing that is keyed to the blower shaft.

Filters are to be 2" disposable type. They shall be center loading with an 85% arrestance efficiency. The filters shall be included in the units as an integral part of the cabinet with easy access provided by the manufacturer.

Mixing Boxes shall include low leak damper assemblies constructed of welded steel channel frames with 18 gauge galvanized steel blades, die formed stiffeners and full blade stop. Stainless steel side seals and vinyl blade seals to reduce leakage shall be standard. All hardware shall be zinc plated with brass pivot points and bronze oilite bearings. Shafts shall be corrosion resistant steel. Mixing box shall be fully insulated with manufacturers standard insulation.

HORIZONTAL - 2 thru 20 TONS



MIXING BOXES FOR BHW & BHX-02 THRU 20

MODEL	A	H	L	D	E	W	DAMPER	SHIPWEIGHT
MB-02	8	16	16	6	2	18	2 - 16 X 8	43
MB-03	8	16	16	6	2	27 1/2	2 - 25 1/2 X 8	60
MB-04	8	20	16	8	4	29	2 - 27 X 8	65
MB-05	8	20	16	8	4	36	2 - 34 X 8	75
MB-7.5	10	25	18	8	7	45	2 - 43 X 10	115
MB-10	12	32	20	10	10	48	2 - 46 X 12	131
MB-15	14	40 1/4	22	12	14 1/4	58	2 - 56 X 14	186
MB-20	14	45	22	15	16	66	2 - 64 X 14	201

- Insulated with 1/2" Vinyl-coated fiberglass. 1 pound density.
- Boxes match and attach to return air duct flange.
- Crank arms and linkage rod for damper connection will be furnished. Connections can be made on either side of boxes. Balance of necessary linkage hardware, motor and controls to be field supplied.
- Dampers can be positioned for either rear/top or rear/bottom locations.
- 1" duct flange on damper openings.
- Boxes have Honeywell single horizontal blade dampers with air seals on edge for positive closing, except double horizontal blade dampers on MB-7.5, 10, 15, 20.

HORIZONTAL - 2 thru 20 TONS

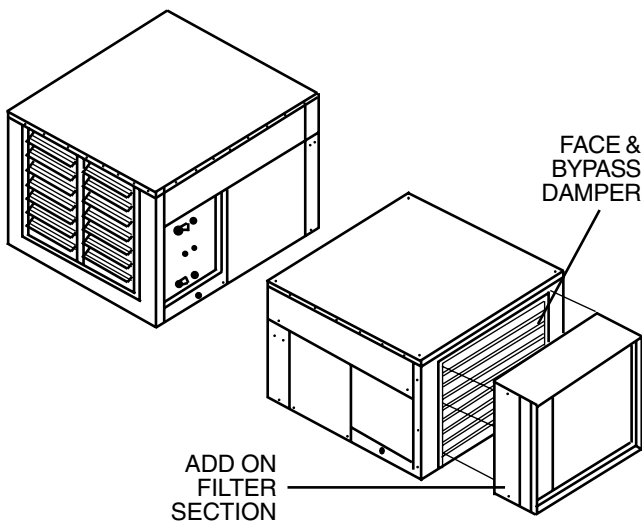
Face and Bypass Dampers

Face and bypass dampers are widely accepted methods of coil freeze protection and humidity control. In northern climates, these dampers allow temperature control while running the preheat coil wide open. These same dampers can be used in south and southeastern climates that encounter extremely high humidity levels.

In cold climates the face and bypass damper is most often associated with a heating coil first in the air stream. The potential for a hot water heating coil to freeze exists when the space heating demand is minimal and the outside air temperature is at or below 32 de-

grees F. At this condition the water flow through the heating coil would likely be modulated down to a point where freezing could occur. By using a face and bypass damper the heating coil is allowed to operate with full hot water flow while the dampers modulate airflow around the coil to control the supply air temperature. When the outside air temperature is high enough such that coil freezing is unlikely, the bypass damper is closed and the coil hot water valve modulates to provide the correct supply air temperature. If the heating coil has no valve control, the coil operates wide open with the dampers providing the temperature control.

In regions where humidity control is required, this problem normally occurs at part-load conditions, providing the cooling coil is properly sized for full load conditions in the space. By operating the cooling coil at full capacity, a percentage of the supply airflow is bypassed around the cooling coil while the balance of the air passing through the coil is cooled to a significantly lower dry bulb/wet bulb condition. By mixing the air off the cooling coil with the bypass air are supply air conditions that allow for a high latent cooling load, therefore maintaining control of the space relative humidity. This application works best with a major percentage of the air being returned from the conditioned space and a small percentage of outside air.



MODEL	DAMPER AREA		UNIT SHIPPING WEIGHT		OPTIONAL FILTER SECTION			
	BYPASS	FACE	4 ROW SHIP WEIGHT	6 ROW SHIP WEIGHT	NOM. SIZE	W	H	D
BHW/BHX-2	4 X 18	12 X 18	145	156	16 X 25	18	23	10
BHW/BHX-3	4 X 27	12 X 27	171	190	1- 16 X 32	27.50	23	9
BHW/BHX-4	4 X 28	16 X 28	200	227	2-16 X 20	29	27.25	9
BHW/BHX-5	4 X 35	16 X 35	244	263	2-20 X 20	36	27.25	9
BHW/BHX-7.5	5 X 42	21 X 42	457	475	2-16 X 25 1-20 X 25	45	33.50	9
BHW/BHX-10	5 X 46	29 X 46	512	547	3-16 X 32	46	39.50	9
BHW/BHX-15	7 X 54	38 X 54	700	787	6-20 X 25	58	51	10
BHW/BHX-20	7 X 60	38 X 60	775	855	2-16 X 20 2-16 X 25 2-20 X 20 2-20 X 25	66	54	10

HORIZONTAL - 2 thru 20 TONS

FAN PERFORMANCE – 3/4 ROW COIL - WATER OR DX - NO HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25° ESP		.50° ESP		.75° ESP		1.00° ESP		1.25° ESP		1.50° ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BHW-02 BHX-02	.20	600	786	.11	975	.15	1160	.22	1320	.29	1483	.38	1616	.43
	.26	700	835	.13	1006	.20	1172	.26	1321	.32	1471	.40	1612	.48
	.31	800	897	.19	1052	.24	1201	.31	1341	.38	1470	.44	1600	.54
	.38	900	957	.23	1110	.30	1239	.35	1365	.43	1489	.49	1619	.59
	.45	1000	1018	.28	1161	.35	1291	.43	1406	.49	1517	.58	1627	.65
BHW-03 BHX-03	.20	900	814	.15	906	.21	1051	.32	1313	.41	1468	.54	1586	.63
	.27	1050	855	.21	989	.27	1112	.34	1391	.50	1504	.60	1576	.68
	.33	1200	865	.25	1009	.34	1174	.43	1411	.56	1576	.68	1679	.82
	.39	1350	1040	.36	1195	.45	1349	.58	1463	.65	1576	.77	1689	.89
	.48	1500	1082	.44	1241	.56	1380	.68	1499	.78	1617	.90	1710	1.03
BHW-04 BHX-04	.32	1200	697	.27	809	.33	916	.43	1023	.52	1113	.62	1200	.70
	.40	1400	764	.35	864	.44	962	.54	1071	.66	1145	.74	1225	.85
	.50	1600	838	.49	931	.61	1020	.70	1103	.78	1179	.92	1274	1.05
	.61	1800	915	.64	996	.77	1077	.89	1156	.99	1228	1.11	1290	1.23
	.74	2000	992	.87	1061	.98	1134	1.08	1203	1.23	1280	1.34	1343	1.47
BHW-05 BHX-05	.28	1500	630	.27	751	.37	857	.46	953	.58	1053	.68	1148	.80
	.36	1800	682	.37	793	.47	890	.60	983	.69	1074	.81	1155	.95
	.44	2000	736	.49	839	.61	934	.75	1019	.88	1100	.98	1176	1.12
	.54	2300	802	.68	893	.79	980	.94	1058	1.07	1134	1.21	1208	1.34
	.62	2500	854	.84	941	.99	1025	1.14	1103	1.28	1173	1.43	1241	1.60
BHW-7.5 BHX-7.5	.26	2250	543	.40	634	.52	723	.65	803	.79	882	.94	948	1.08
	.33	2625	584	.56	679	.73	758	.87	838	1.02	903	1.17	972	1.33
	.40	3000	641	.78	724	.97	794	1.11	876	1.31	935	1.47	998	1.63
	.50	3375	694	1.05	769	1.25	842	1.44	906	1.61	969	1.80	1030	2.01
	.59	3750	749	1.37	820	1.59	886	1.80	947	2.00	1009	2.21	1066	2.43
BHW-10 BHX-10	.28	3000	610	.68	695	.84	771	.99	847	1.15	925	1.38	991	1.51
	.35	3500	680	.99	750	1.15	821	1.37	886	1.53	954	1.74	1020	1.96
	.44	4000	743	1.39	811	1.69	877	1.91	938	2.13	999	2.36	1057	2.60
	.53	4500	812	2.01	879	2.28	939	2.52	993	2.77	1054	3.04	1107	3.19
	.63	5000	887	2.70	947	2.89	1003	3.20	1056	3.45	1107	3.74	1159	4.05
BHW-15 BHX-15	.41	5000	546	1.00	637	1.22	717	1.46	791	1.74	868	2.03	937	2.36
	.48	5500	575	1.18	656	1.46	732	1.75	806	2.05	879	2.36	945	2.68
	.56	6000	606	1.43	684	1.74	755	2.06	824	2.37	892	2.67	952	2.98
	.64	6500	636	1.72	705	2.03	776	2.36	842	2.68	904	2.98	968	3.44
	.73	7000	688	2.08	738	2.39	800	2.70	865	3.03	926	3.46	985	3.89
BHW-20 BHX-20	.38	7000	564	1.60	640	1.96	712	2.27	776	2.58	839	2.90	903	3.29
	.42	7500	587	1.89	660	2.21	728	2.52	790	2.83	850	3.25	910	3.68
	.48	8000	614	2.19	686	2.54	749	2.89	809	3.27	867	3.68	926	4.21
	.54	8500	642	2.54	702	2.90	769	3.36	827	3.86	884	4.36	941	4.86
	.60	9000	672	2.92	733	3.39	791	3.87	846	4.36	902	4.84	959	5.44

3/4 ROW COIL - WATER OR DX - ADD 2 ROW HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25° ESP		.50° ESP		.75° ESP		1.00° ESP		1.25° ESP		1.50° ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BHW-02 BHX-02	.25	600	838	.12	1020	.18	1180	.25	1347	.30	1514	.38	1642	.47
	.31	700	888	.15	1054	.22	1193	.27	1352	.34	1505	.43	1639	.49
	.39	800	951	.20	1107	.27	1242	.34	1377	.39	1505	.45	1633	.55
	.47	900	1015	.26	1162	.31	1300	.39	1417	.47	1526	.54	1641	.60
	.56	1000	1082	.31	1220	.39	1346	.47	1456	.54	1569	.62	1669	.71
BHW-03 BHX-03	.29	900	821	.20	1000	.26	1140	.33	1280	.36	1414	.42	1530	.53
	.34	1050	867	.24	1021	.31	1159	.38	1290	.45	1414	.53	1533	.61
	.43	1200	932	.31	1070	.38	1205	.45	1324	.53	1441	.62	1557	.72
	.53	1350	1010	.39	1130	.46	1252	.54	1368	.63	1478	.72	1586	.81
	.68	1500	1095	.49	1214	.58	1329	.66	1433	.74	1539	.84	1638	.93
BHW-04 BHX-04	.39	1200	735	.29	826	.35	951	.45	1041	.55	1129	.63	1211	.73
	.50	1400	797	.39	899	.48	990	.58	1086	.67	1172	.78	1255	.90
	.62	1600	870	.53	965	.63	1050	.75	1124	.82	1208	.96	1295	1.11
	.76	1800	956	.71	1034	.82	1120	.94	1193	1.06	1258	1.17	1333	1.31
	.90	2000	1033	.92	1106	1.04	1185	1.18	1251	1.29	1318	1.42	1382	1.56
BHW-05 BHX-05	.34	1500	683	.32	797	.40	902	.52	998	.62	1094	.73	1192	.87
	.44	1750	735	.42	845	.53	938	.64	1030	.75	1120	.89	1200	1.03
	.55	2000	794	.57	899	.68	985	.81	1071	.94	1149	1.07	1227	1.21
	.66	2250	862	.75	955	.88	1037	1.02	1114	1.16	1194	1.33	1265	1.46
	.68	2500	916	.93	1011	1.09	1085	1.24	1162	1.40	1233	1.55	1298	1.69
BHW-7.5 BHX-7.5	.32	2250	564	.43	659	.56	746	.70	823	.83	899	.97	966	1.12
	.41	2625	619	.62	707	.76	784	.92	857	1.06	923	1.21	993	1.39
	.51	3000	671	.84	753	1.02	830	1.19	898	1.37	959	1.53	1021	1.70
	.62	3375	735	1.15	805	1.33	874	1.52	935	1.71	999	1.91	1056	2.09
	.73	3750	790	1.49	859	1.70	921	1.90	981	2.10	1039	2.31	1097	2.54
BHW-10 BHX-10	.33	3000	646	.72	722	.88	801	1.05	871	1.23	947	1.41	1008	1.59
	.42	3500	711	1.07	789	1.32	849	1.50	916	1.71	980	1.92	1045	2.09
	.53	4000	783	1.57	853	1.80	909	1.97	968	2.15	1032	2.41	1088	2.63
	.65	4500	859	2.12	918	2.36	974	2.59	1030	2.82	1090	3.11	1141	3.35
	.78	5000	927	2.76	986	3.08	1039	3.33	1089	3.59	1142	3.84	1193	4.09
BHW-15 BHX-15	.50	5000	561	1.07	666	1.31	744	1.56	818	1.84	896	2.14	960	2.47
	.58	5500	609	1.29	688	1.57	762	1.87	835	2.18	907	2.49	970	2.80
	.68	6000	645	1.57	719	1.89	788	2.21	857	2.51	922	2.82	985	3.17
	.78	6500	679	1.90	747	2.23	813	2.53	878	2.85	941	3.24	1002	3.69
	.89	7000	715	2.27	779	2.59	842	2.90	904	3.31	964	3.74	1021	4.19
BHW-20 BHX-20	.47	7000	589	1.71	666	2.06	735	2.38	798	2.68	862	3.00	924	3.44
	.53	7500	616	2.04	691	2.37	754	2.69	815	3.00	876	3.44	936	3.85
	.59	8000	644	2.36	712	2.70	772	3.03	833	3.45	893	3.87	951	4.39
	.68	8500	677	2.69	742	3.11	800	3.52	858	3.87	917	4.54	976	5.16
	.76	9000	711	3.22	768	3.71	825	4.19	881	4.68	938	5.21	993	5.85

HORIZONTAL - 2 thru 20 TONS

FAN PERFORMANCE – 6 ROW COIL - WATER OR DX - NO HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25° ESP		.50° ESP		.75° ESP		1.00° ESP		1.25° ESP		1.50° ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BHW-02 BHX-02	.23	600	827	.13	1016	.18	1182	.25	1345	.30	1498	.38	1636	.46
	.30	700	884	.15	1055	.22	1205	.27	1352	.34	1494	.40	1626	.49
	.37	800	939	.20	1094	.26	1237	.31	1375	.39	1509	.47	1634	.55
	.45	900	1010	.26	1155	.31	1290	.39	1407	.47	1526	.54	1639	.63
	.55	1000	1069	.31	1208	.38	1331	.44	1456	.54	1568	.62	1670	.69
BHW-03 BHX-03	.26	900	800	.19	979	.25	1120	.32	1265	.34	1400	.42	1517	.52
	.30	1050	840	.23	1000	.29	1135	.36	1270	.43	1395	.51	1514	.60
	.38	1200	905	.29	1045	.36	1178	.44	1300	.51	1418	.60	1533	.70
	.47	1350	976	.37	1100	.44	1224	.52	1341	.61	1452	.70	1564	.79
	.55	1500	1036	.45	1152	.53	1271	.62	1379	.71	1483	.80	1591	.89
BHW-04 BHX-04	.35	1200	721	.28	830	.36	938	.43	1046	.54	1138	.63	1216	.71
	.45	1400	784	.37	894	.46	995	.56	1077	.65	1174	.78	1261	.88
	.57	1600	870	.52	964	.61	1052	.73	1130	.82	1208	.94	1282	1.04
	.69	1800	936	.67	1031	.78	1111	.92	1192	1.02	1263	1.14	1332	1.27
	.81	2000	1014	.87	1103	1.00	1177	1.12	1255	1.28	1323	1.38	1388	1.55
BHW-05 BHX-05	.30	1500	671	.29	796	.39	898	.49	1000	.61	1102	.77	1212	.89
	.39	1750	728	.40	839	.50	940	.63	1028	.75	1120	.88	1202	.99
	.48	2000	790	.54	890	.66	979	.77	1064	.92	1146	1.04	1226	1.16
	.58	2250	849	.70	939	.83	1024	.98	1117	1.11	1186	1.28	1257	1.40
	.69	2500	919	.92	1001	1.06	1083	1.21	1154	1.36	1230	1.52	1294	1.66
BHW-7.5 BHX-7.5	.31	2250	572	.43	665	.56	753	.72	828	.84	905	.99	975	1.14
	.39	2625	629	.63	706	.76	792	.93	863	1.07	933	1.25	997	1.41
	.49	3000	674	.83	759	1.02	830	1.18	902	1.37	967	1.55	1031	1.73
	.60	3375	730	1.13	806	1.33	882	1.53	946	1.74	1007	1.94	1064	2.13
	.72	3750	795	1.50	863	1.73	931	1.94	987	2.14	1049	2.38	1107	2.62
BHW-10 BHX-10	.31	3000	638	.70	720	.92	801	1.07	878	1.27	957	1.44	1018	1.62
	.40	3500	709	1.03	783	1.25	851	1.42	921	1.64	981	1.80	1053	2.05
	.50	4000	786	1.53	852	1.76	915	1.96	972	2.17	1035	2.38	1092	2.64
	.61	4500	857	2.09	916	2.34	975	2.65	1033	2.85	1093	3.10	1146	3.37
	.73	5000	925	2.87	979	3.13	1038	3.41	1100	3.77	1145	4.02	1201	4.35
BHW-15 BHX-15	.43	5000	550	1.00	643	1.24	721	1.50	800	1.78	875	2.06	945	2.40
	.51	5500	585	1.20	667	1.50	742	1.80	814	2.01	885	2.42	950	2.76
	.60	6000	618	1.46	700	1.78	766	2.10	835	2.40	900	2.70	965	3.05
	.69	6500	650	1.79	727	2.12	794	2.41	855	2.84	920	3.04	982	3.49
	.79	7000	688	2.10	754	2.46	817	2.78	880	3.14	940	3.57	1000	4.00
BHW-20 BHX-20	.40	7000	571	1.62	647	1.98	718	2.32	782	2.60	845	2.92	907	3.32
	.45	7500	597	1.92	669	2.26	735	2.58	798	2.92	857	3.32	917	3.74
	.51	8000	622	2.24	694	2.58	756	2.92	816	3.32	875	3.74	933	4.24
	.57	8500	650	2.58	717	2.94	776	3.34	834	3.76	891	4.24	948	4.86
	.62	9000	676	2.96	737	3.34	795	3.74	851	4.20	907	4.84	964	5.48

6 ROW COIL - WATER OR DX - ADD 2 ROW HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25° ESP		.50° ESP		.75° ESP		1.00° ESP		1.25° ESP		1.50° ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BHW-02 BHX-02	.29	600	857	.12	1044	.19	1220	.25	1374	.33	1514	.38	1644	.44
	.37	700	922	.18	1085	.23	1242	.30	1380	.35	1534	.44	1668	.53
	.46	800	988	.21	1142	.27	1279	.35	1409	.42	1533	.48	1662	.56
	.57	900	1046	.27	1198	.34	1332	.42	1455	.48	1568	.55	1684	.64
	.68	1000	1127	.34	1267	.42	1393	.50	1507	.58	1616	.64	1717	.73
BHW-03 BHX-03	.36	900	871	.22	1037	.28	1187	.31	1317	.38	1448	.45	1561	.56
	.42	1050	919	.26	1063	.33	1205	.40	1330	.47	1452	.56	1571	.64
	.53	1200	995	.33	1122	.41	1252	.48	1371	.57	1486	.66	1607	.75
	.66	1350	1071	.42	1195	.50	1314	.59	1426	.68	1536	.77	1638	.85
	.78	1500	1143	.52	1262	.61	1371	.70	1475	.79	1583	.87	1672	.97
BHW-04 BHX-04	.41	1200	742	.28	851	.36	958	.45	1052	.54	1140	.63	1220	.72
	.51	1400	815	.40	915	.47	1002	.56	1106	.68	1191	.77	1262	.89
	.64	1600	896	.53	981	.61	1068	.73	1149	.83	1238	.96	1312	1.08
	.79	1800	969	.69	1058	.80	1138	.92	1210	1.04	1280	1.15	1362	1.32
	.95	2000	1044	.93	1119	1.05	1198	1.17	1265	1.31	1329	1.43	1391	1.57
BHW-05 BHX-05	.35	1500	695	.31	811	.41	922	.53	1018	.63	1118	.76	1218	.91
	.47	1750	756	.43	861	.55	962	.66	1044	.76	1136	.91	1216	1.04
	.59	2000	794	.57	916	.71	1005	.83	1090	.97	1171	1.09	1243	1.25
	.71	2250	885	.77	973	.90	1059	1.04	1135	1.18	1217	1.33	1288	1.49
	.86	2500	952	1.00	1038	1.15	1112	1.29	1189	1.45	1264	1.63	1329	1.83
BHW-7.5 BHX-7.5	.37	2250	579	.45	675	.59	760	.72	839	.87	909	1.00	979	1.16
	.47	2625	637	.65	725	.80	801	.94	872	1.11	940	1.26	1008	1.44
	.59	3000	697	.90	769	1.05	847	1.24	916	1.41	981	1.61	1039	1.76
	.72	3375	756	1.22	829	1.39	897	1.60	959	1.76	1020	1.98	1077	2.17
	.86	3750	818	1.60	887	1.80	949	2.02	1008	2.22	1066	2.43	1122	2.67
BHW-10 BHX-10	.37	3000	670	.81	750	.98	834	1.17	905	1.34	985	1.56	1055	1.78
	.48	3500	740	1.19	816	1.39	893	1.62	958	1.82	1023	2.01	1090	2.24
	.59	4000	811	1.66	884	1.90	952	2.15	1012	2.36	1080	2.64	1132	2.86
	.72	4500	890	2.28	952	2.53	1017	2.80	1079	3.08	1134	3.35	1189	3.62
	.85	5000	969	2.96	1027	3.23	1086	3.53	1143	3.81	1198	4.11	1252	4.45
BHW-15 BHX-15	.52	5000	585	1.08	673	1.34	748	1.60	825	1.84	900	2.16	965	2.52
	.62	5500	622	1.32	700	1.60	774	1.91	845	2.24	917	2.58	978	2.90
	.73	6000	659	1.63	733	1.94	800	2.24	872	2.57	935	2.87	1000	3.27
	.84	6500	700	2.00	766	2.29	828	2.60	894	2.90	957	3.31	1015	3.76
	.96	7000	733	2.36	800	2.67	860	3.00	921	3.43	980	3.86	1034	4.30
BHW-20 BHX-20	.50	7000	603	1.76	679	2.10	744	2.42	808	2.74	870	3.06	931	3.50
	.56	7500	629	2.08	700	2.40	763	2.74	824	3.06	883	3.50	943	3.92
	.64	8000	663	2.48	727	2.88	788	3.12	847	3.54	905	3.96	963	4.50
	.71	8500	688	2.78	750	3.16	810	3.56	866	3.96	923	4.56	880	5.18
	.78	9000	716	34.24	775	3.52	833	4.00	887	4.66	944	5.26	1000	5.90

HORIZONTAL - 2 thru 20 TONS

4 AND 6 ROW - CHILLED WATER

MODEL NO.	ENT. WTR	GPM	P.D. FT.	CFM	85° DB/71° WB ENT AIR					80° DB/67° WB ENT AIR					75° DB/63° WB ENT AIR					
					TOTAL MBH	SENS MBH	LVG AIR °F DB	WB	LMT °F	TOTAL MBH	SENS MBH	LVG AIR °F DB	WB	LMT °F	TOTAL MBH	SENS MBH	LVG AIR °F DB	WB	LMT °F	
					BHW-02 4 ROW	45°	2.4	1.0	600	19.7	13.6	64.2	61.8	61.4	16.4	12.5	60.9	58.7	58.6	13.9
800	21.2	16.0	66.6	63.7					62.7	17.7	14.7	61.1	60.4	59.7	14.3	13.3	59.7	57.2	57.0	
1000	22.3	18.2	68.3	64.9					63.6	18.5	16.8	61.6	61.5	60.4	15.2	15.2	61.1	58.1	57.7	
4 ROW	45°	6.0	5.7	600	27.9	16.6	59.6	57.2	54.3	22.7	14.8	57.3	55.1	52.6	17.5	13.0	55.1	53.1	50.8	
				800	31.5	19.6	62.5	59.6	55.9	26.4	17.9	59.5	56.8	53.8	20.5	15.7	57.0	54.5	51.8	
				1000	34.1	22.0	64.8	61.4	56.4	28.5	20.3	61.4	58.3	54.5	22.0	17.8	58.7	56.8	52.3	
4 ROW	45°	9.6	14.1	600	30.7	17.7	58.0	55.6	51.4	25.0	15.8	55.8	53.6	50.2	19.5	13.0	53.9	51.9	49.1	
				800	35.9	21.2	60.7	57.6	52.5	29.0	18.9	58.3	55.6	51.0	23.1	16.7	55.8	53.3	49.8	
				1000	40.6	24.3	62.7	59.3	53.5	32.7	21.8	60.0	56.9	51.8	25.4	19.1	57.5	54.6	50.3	
BHW-02 6 ROW	45°	1.8	.8	600	21.8	15.2	61.7	60.7	69.2	18.2	14.1	58.5	57.6	65.3	15.0	12.8	55.5	54.7	61.6	
				800	23.2	18.1	64.3	63.0	70.8	19.6	16.7	60.8	59.6	66.7	16.0	15.2	57.6	56.5	52.7	
				1000	24.1	20.6	66.1	64.4	71.7	20.3	19.0	62.6	61.0	67.6	17.2	17.2	59.2	57.4	64.1	
6 ROW	45°	3.0	2.1	600	28.3	17.7	58.0	57.0	63.9	23.6	16.1	55.4	54.5	60.8	18.7	14.3	53.2	52.4	57.5	
				800	31.2	20.4	61.1	59.8	65.8	26.2	19.1	58.1	56.9	62.4	20.8	17.1	55.4	54.3	58.9	
				1000	33.3	23.7	63.3	61.6	67.2	28.1	21.7	60.1	58.5	63.7	22.6	19.6	57.0	55.6	60.1	
6 ROW	45°	7.2	10.9	600	36.2	20.7	53.3	52.3	55.0	28.5	18.5	51.7	50.8	53.2	23.3	16.2	50.2	49.4	51.5	
				800	43.1	25.3	56.0	54.7	57.0	35.0	22.6	54.1	52.9	54.7	27.9	20.0	52.1	51.0	52.8	
				1000	48.0	29.2	58.2	56.5	58.6	39.4	26.2	56.0	54.4	55.9	31.9	23.4	53.5	52.1	53.8	
BHW-03 4 ROW	45°	3.2	1.2	900	30.0	20.8	63.8	61.6	63.7	25.0	18.4	60.7	58.6	60.6	20.1	17.1	57.6	55.7	57.6	
				1200	32.2	24.3	66.4	63.6	65.1	27.1	22.4	62.9	60.3	61.9	21.7	20.1	59.6	57.2	58.6	
				1500	33.8	27.3	68.3	64.9	66.1	28.2	25.2	64.6	61.5	62.6	23.2	23.2	60.6	58.1	59.5	
4 ROW	45°	8.0	6.7	900	43.2	25.5	59.0	58.8	55.8	34.6	22.7	56.9	54.8	53.6	28.0	20.3	54.3	52.4	52.0	
				1200	49.1	30.1	62.0	59.2	57.3	41.0	27.5	59.0	56.4	55.2	31.8	24.1	56.6	54.2	52.9	
				1500	54.3	34.2	64.1	60.7	58.6	44.1	30.9	61.1	56.0	56.0	35.7	27.8	58.1	55.2	53.9	
4 ROW	45°	12.8	16.4	900	47.0	27.1	57.4	55.2	52.3	36.9	24.3	55.2	53.1	51.1	30.4	21.3	53.3	54.4	49.7	
				1200	56.2	32.7	60.0	57.2	53.8	45.1	29.2	57.7	55.1	52.0	36.2	25.9	55.2	52.8	50.6	
				1500	63.1	37.3	62.2	58.8	54.9	50.9	33.5	59.5	56.4	63.0	40.9	29.8	56.8	53.9	51.4	
BHW-03 6 ROW	45°	2.0	.6	900	28.6	21.5	63.1	62.1	73.6	24.2	29.8	59.8	58.9	69.2	19.7	18.1	56.6	55.8	64.7	
				1200	30.0	25.5	65.6	64.2	75.0	25.3	33.7	61.9	60.7	70.3	21.0	21.0	58.9	57.4	66.0	
				1500	30.2	29.3	67.1	65.6	75.2	26.4	36.4	63.9	61.8	71.4	22.6	22.6	61.2	58.2	67.6	
6 ROW	45°	4.0	2.1	900	41.6	26.1	58.4	57.4	65.8	34.0	23.6	55.9	55.0	62.9	27.4	21.2	53.4	52.6	58.7	
				1200	45.5	30.9	61.4	60.1	67.7	37.4	28.0	58.6	57.4	63.7	30.4	25.2	55.7	54.6	60.2	
				1500	47.0	34.7	63.8	62.3	68.5	39.8	32.0	60.4	59.0	64.9	32.2	28.9	57.3	56.0	61.1	
6 ROW	45°	9.6	10.9	900	53.7	27.1	53.5	52.5	56.2	44.0	27.7	51.8	50.9	54.2	34.3	24.0	50.5	49.7	52.2	
				1200	64.3	32.7	54.1	54.8	58.4	52.0	33.7	54.2	53.0	55.8	41.5	29.8	51.2	51.1	53.7	
				1500	70.3	37.3	56.6	57.1	59.6	58.7	39.2	56.0	54.6	57.2	45.7	34.2	54.0	52.7	54.5	
BHW-04 4 ROW	45°	4.0	1.1	1200	38.9	27.3	64.1	61.9	64.4	32.4	25.0	60.9	58.8	61.2	25.5	22.2	58.0	56.1	57.8	
				1600	41.9	32.1	66.6	63.8	66.0	35.1	29.5	63.1	60.5	62.5	28.5	26.9	59.6	57.2	59.2	
				2000	43.9	36.0	68.5	65.1	67.0	36.6	33.4	64.7	61.6	63.3	30.4	30.3	61.1	58.2	60.2	
4 ROW	45°	10.0	6.4	1200	56.5	33.6	59.3	57.1	56.3	45.7	30.0	57.1	55.0	54.1	36.7	26.8	54.5	52.6	52.3	
				1600	64.2	39.8	62.2	59.4	57.8	51.6	35.6	59.6	57.0	55.3	41.5	31.7	56.8	54.4	53.3	
				2000	70.8	45.1	64.3	60.9	59.2	57.8	40.8	61.3	58.2	56.5	46.7	36.6	58.2	55.3	54.3	
4 ROW	45°	16.0	15.8	1200	62.3	35.8	57.6	55.4	52.8	51.2	32.2	55.4	53.3	51.4	39.9	28.1	53.5	51.6	50.0	
				1600	73.6	43.3	60.2	57.4	54.2	59.2	38.5	57.9	55.3	52.4	47.4	34.2	55.4	51.0	50.9	
				2000	82.7	49.3	62.4	59.0	55.3	66.8	44.3	59.7	56.6	53.3	53.6	39.2	39.2	57.0	54.1	51.7
BHW-04 6 ROW	45°	3.0	.8	1200	40.6	29.4	62.5	61.5	72.1	34.2	27.2	59.2	58.3	67.8	27.4	24.5	56.4	55.5	63.2	
				1600	42.0	34.7	65.1	63.8	73.0	35.4	32.1	61.6	60.4	68.6	29.4	29.3	58.2	57.1	64.6	
				2000	43.5	40.1	66.6	65.1	74.0	37.6	37.6	62.8	61.5	70.0	32.2	32.2	60.2	57.9	66.4	
6 ROW	45°	5.0	2.0	1200	54.1	34.3	58.8	57.8	66.6	44.6	31.1	56.2	55.3	62.8	35.7	27.7	53.8	51.0	59.3	
				1600	59.1	40.5	61.8	60.5	68.6	48.6	36.8	58.9	57.7	64.4	39.4	33.3	55.9	54.8	60.7	
				2000	60.7	45.8	64.0	62.5	69.3	51.3	42.1	60.7	59.3	65.5	41.9	38.2	57.5	56.2	61.7	
6 ROW	45°	12.0	10.5	1200	71.1	40.9	53.7	52.7	56.8	58.1	36.6	52.0	51.1	54.7	45.9	32.2	50.4	49.6	52.6	
				1600	84.0	49.9	56.4	55.1	59.0	67.9	44.4	54.5	53.3	56.3	54.3	39.4	39.4	52.4	51.3	54.0
				2000	89.1	56.9	58.9	57.4	60.3	76.6	51.7	56.3	54.9	57.8	60.3	45.6	45.6	54.1	52.8	55.0
BHW-05 4 ROW	45°	5.2	1.0	1500	48.9	34.0	64.2	61.8	53.8	40.5	31.1	61.0	58.8	60.6	32.9	28.1	57.8	55.8	57.7	
				2000	52.1	39.9	66.7	63.8	65.0	43.7	36.6	63.2	60.5	61.8	35.5	33.1	59.8	57.3	58.6	
				2500	54.6	45.0	68.5	65.1	66.0	45.6	41.7	64.7	61.6	62.5	38.0	48.0	61.1	58.1	59.6	
4 ROW	45°	13.0	5.4	1500	70.6	41.7	59.5	57.1	55.9	57.1	37.3	57.2	55.0	53.8	45.8	33.4	54.6	52.6	52.0	
				2000	79.4	49.1	62.5	59.6	57.2	66.0	44.9	59.4	56.7	55.1	55.1	39.2	39.2	57.0	54.5	52.9
				2500	84.5	53.3	64.7	61.3	58.2	71.4	50.7	61.4	58.3	56.0	57.5	45.5	45.5	58.3	55.0	53.9
4 ROW	45°	20.8	13.0	1500	77.1	44.1	58.0	55.6	52.4	63.5	39.9	55.6	53.4	51.1	49.6	34.8	53.7	51.7	49.8	
				2000	91.2	53.4	60.5	57.6	53.8	75.2	48.8	57.8	55.1	55.2	59.0	42.5	55.5	53.0	50.7	
				2500	99.3	60.2	62.9	59.5	54.5	81.9	54.8	59.9	56.8	52.9	64.2	48.0	57.4	54.5	51.2	
BHW-05 6 ROW	45°	3.6	.8	1500	50.0	36.6	62.6	61.6	72.8	41.5	33.5	59.5	58.6	68.0	33.9	30.4	56.4	55.6	63.8	
				2000	51.7															

HORIZONTAL - 2 thru 20 TONS

4 AND 6 ROW - CHILLED WATER

MODEL NO.	ENT. WTR	GPM	P.D. FT.	CFM	85° DB/71° WB ENT AIR					80° DB/67° WB ENT AIR					75° DB/63° WB ENT AIR				
					TOTAL MBH	SENS MBH	LVG AIR °F DB	LVG AIR °F WB	LMT °F	TOTAL MBH	SENS MBH	LVG AIR °F DB	LVG AIR °F WB	LMT °F	TOTAL MBH	SENS MBH	LVG AIR °F DB	LVG AIR °F WB	LMT °F
BHW-7.5 4 ROW	45°	8.0	1.4	2250	74.2	53.0	63.4	61.7	63.5	61.4	48.3	60.3	58.7	60.3	48.6	43.4	57.3	55.9	57.1
				3000	80.9	63.1	65.7	63.6	65.2	67.2	57.9	62.3	60.3	61.8	53.4	52.3	59.0	57.2	58.3
				3750	85.0	71.1	67.6	64.9	66.2	71.4	65.8	63.9	61.4	62.8	66.5	66.5	58.7	57.3	61.6
BHW-7.5 4 ROW	45°	17.5	6.4	2250	100.5	62.3	59.6	57.9	56.5	83.1	56.4	57.0	55.4	54.5	64.2	49.5	54.8	53.4	52.3
				3000	114.2	74.6	62.2	60.1	58.0	94.9	68.0	59.2	57.2	55.8	73.1	59.8	56.7	54.9	53.1
				3750	126.8	85.0	64.2	61.5	59.5	105.8	78.0	60.9	58.4	57.1	82.9	89.1	58.1	55.8	54.5
BHW-7.5 4 ROW	45°	25.0	12.7	2250	111.1	66.2	58.0	56.3	53.9	89.3	59.1	55.9	54.3	52.1	71.1	52.5	53.6	52.2	50.7
				3000	128.2	79.5	60.7	58.6	55.3	105.8	71.9	58.0	56.0	53.5	81.9	63.1	55.7	53.9	51.6
				3750	145.6	92.0	62.5	59.8	56.6	117.2	82.2	59.9	57.4	54.4	94.2	73.6	57.0	54.7	52.5
BHW-7.5 6 ROW	45°	9.0	.8	2250	90.0	61.1	60.1	59.5	65.0	73.1	55.5	57.4	56.9	61.2	59.4	49.8	54.7	54.2	58.2
				3000	96.1	72.6	62.8	62.0	66.4	80.6	66.7	59.6	58.8	62.9	65.0	60.2	56.6	55.9	59.9
				3750	101.4	83.4	64.6	63.5	67.5	84.6	76.4	61.3	60.3	63.8	79.8	79.8	55.5	56.0	62.7
BHW-7.5 6 ROW	45°	26.3	6.3	2250	130.8	76.8	53.7	53.1	54.9	104.8	67.9	52.3	51.8	53.0	83.0	59.6	50.7	50.2	51.3
				3000	153.1	93.2	56.5	55.7	56.6	126.8	84.4	54.2	53.4	54.6	98.8	73.9	52.4	51.7	52.5
				3750	172.9	108.3	58.5	57.4	58.1	140.6	97.3	56.2	55.2	55.7	111.5	86.2	53.9	52.9	53.5
BHW-7.5 6 ROW	45°	37.5	12.5	2250	137.3	79.5	52.6	52.0	52.3	112.8	71.4	50.9	50.4	51.0	87.0	61.3	50.4	49.5	49.6
				3000	167.8	99.1	54.7	53.9	53.9	136.3	88.3	53.0	52.2	52.3	107.8	77.8	51.2	50.5	50.7
				3750	192.5	115.7	56.7	55.6	55.3	154.8	103.0	54.8	53.8	53.3	125.7	92.0	52.5	51.5	51.7
BHW-10 4 ROW	45°	9.6	1.4	3000	94.5	69.0	63.9	62.2	64.7	76.6	62.6	60.9	59.3	60.9	62.2	56.9	57.6	56.2	57.9
				4000	99.7	81.1	66.4	64.2	65.8	82.9	74.1	61.0	60.9	62.3	77.0	77.0	57.3	56.7	61.0
				5000	107.8	93.2	67.9	65.2	67.4	87.6	85.0	64.4	61.9	63.2	85.3	85.3	59.4	57.5	62.8
BHW-10 4 ROW	45°	21.0	5.9	3000	130.7	81.8	60.0	58.3	57.4	107.5	73.9	57.4	55.8	55.2	83.5	65.1	55.1	53.7	53.0
				4000	146.6	96.8	62.8	60.6	59.0	121.5	88.1	59.8	57.7	56.6	95.6	78.5	57.0	55.1	54.1
				5000	162.6	111.2	64.6	61.9	60.5	132.4	100.8	61.5	59.0	57.6	106.5	91.0	58.3	56.0	55.1
BHW-10 4 ROW	45°	30.0	11.7	3000	145.6	87.6	58.2	56.5	54.7	116.4	77.5	56.3	54.7	52.8	89.2	67.7	54.3	52.9	50.9
				4000	167.8	104.6	61.0	58.8	56.2	137.6	94.2	58.4	56.3	54.2	107.2	82.8	56.0	54.1	52.1
				5000	188.2	120.4	62.9	60.2	57.5	152.6	108.5	60.1	57.6	55.2	121.7	97.0	57.2	54.9	53.1
BHW-10 6 ROW	45°	10.8	.8	3000	112.6	78.8	60.9	60.3	65.9	93.3	72.3	57.9	57.4	62.3	76.2	65.1	55.1	54.6	59.1
				4000	122.3	93.7	63.5	62.5	67.6	103.5	86.8	60.1	59.2	64.2	81.3	77.6	57.2	56.4	60.1
				5000	128.6	109.0	65.0	63.9	68.8	108.1	100.3	61.6	60.6	65.0	102.1	102.1	56.3	56.3	63.9
BHW-10 6 ROW	45°	31.5	6.0	3000	170.8	101.0	54.1	53.5	55.8	137.3	89.6	52.6	52.1	53.7	108.6	78.5	51.0	50.5	51.9
				4000	199.4	121.6	57.1	56.1	57.7	162.9	109.4	54.9	54.0	55.3	127.5	96.4	52.9	52.1	53.1
				5000	223.9	141.7	59.0	57.9	59.2	180.5	127.0	56.7	55.7	56.5	145.5	113.4	54.2	53.2	54.2
BHW-10 6 ROW	45°	45.0	11.9	3000	181.1	105.3	52.8	52.2	53.0	148.9	94.5	51.1	50.6	51.6	114.5	81.1	50.2	49.7	50.1
				4000	219.6	129.5	55.3	54.3	54.8	176.6	115.1	53.6	52.7	52.8	140.3	101.6	51.7	50.9	51.2
				5000	247.2	151.0	57.3	56.2	56.0	202.6	135.7	55.1	54.1	54.0	158.1	118.8	53.2	52.2	52.0
BHW-15 4 ROW	45°	18.0	2.3	5000	166.0	129.9	63.0	61.6	63.6	136.6	109.8	60.0	58.7	60.2	108.3	97.6	57.1	55.9	57.0
				6000	174.4	132.8	64.7	63.0	64.3	143.8	121.7	61.4	59.8	61.0	113.3	109.2	58.3	56.9	57.6
				7000	178.5	144.8	66.0	64.0	64.8	149.0	133.5	62.5	60.7	61.6	121.9	121.3	59.1	57.4	58.5
BHW-15 4 ROW	45°	31.5	6.8	5000	211.8	135.7	60.1	58.7	58.4	170.5	121.5	57.7	56.4	55.8	136.3	108.5	55.1	53.9	53.7
				6000	225.0	150.4	62.0	60.3	59.3	187.5	137.3	59.0	57.4	56.9	145.0	121.6	56.4	55.0	54.2
				7000	236.9	164.8	63.4	61.4	60.7	196.3	150.3	60.3	58.5	57.5	153.0	133.5	57.5	55.8	54.7
BHW-15 4 ROW	45°	45.0	13.4	5000	230.5	142.8	58.8	57.4	55.2	191.6	129.7	56.2	54.9	53.5	147.3	113.4	54.2	53.0	51.5
				6000	257.5	162.2	60.2	58.5	56.4	205.8	144.5	57.9	56.3	54.1	163.8	128.9	55.3	53.9	52.3
				7000	270.5	176.3	61.9	59.9	57.0	244.3	160.9	58.9	57.1	55.0	174.3	141.9	56.4	54.7	52.7
BHW-15 6 ROW	45°	16.8	.9	5000	173.9	125.9	61.9	61.1	65.7	144.7	115.0	58.9	58.1	62.2	115.1	103.0	56.1	55.4	58.7
				6000	181.8	140.0	63.6	62.6	66.6	151.4	128.8	60.3	59.4	63.0	120.0	115.8	57.3	56.5	59.3
				7000	186.9	154.1	64.8	63.7	67.3	155.3	141.9	61.4	60.4	63.5	145.0	145.0	56.0	56.2	60.3
BHW-15 6 ROW	45°	49.0	7.1	5000	269.2	160.8	55.5	54.7	56.0	217.2	142.8	53.8	53.0	53.9	172.9	126.4	51.8	51.1	52.1
				6000	292.9	180.5	57.4	56.4	57.0	241.3	163.5	55.0	54.1	54.8	189.4	143.2	53.1	52.3	52.7
				7000	319.1	200.7	58.7	57.6	58.0	258.4	180.0	56.4	55.4	55.0	208.8	160.2	54.0	53.0	53.5
BHW-15 6 ROW	45°	70.0	14.0	5000	286.6	167.9	54.2	53.4	53.2	236.8	151.0	52.3	51.5	51.8	183.4	130.8	51.0	50.3	50.2
				6000	323.1	192.3	55.6	54.6	54.2	259.0	170.0	54.0	53.1	52.4	206.4	150.4	52.0	51.2	50.9
				7000	350.0	212.9	57.1	56.0	55.0	285.6	191.5	54.9	53.9	53.2	225.4	167.9	53.0	52.0	51.4
BHW-20 4 ROW	45°	27.5	2.70	7000	225.4	159.4	64.1	62.0	61.4	186.1	145.7	60.9	58.9	58.5	152.8	132.7	57.6	55.8	56.1
				8000	237.2	172.6	65.2	62.8	62.2	202.4	160.4	61.6	59.4	59.7	159.0	141.8	58.5	56.5	56.6
				9000	241.3	183.4	66.3	63.6	62.6	205.6	169.7	62.7	60.2	60.0	165.7	154.0	59.3	57.0	57.1
BHW-20 4 ROW	45°	44.0	6.60	7000	281.7	179.3	61.5	59.4	57.8	227.4	161.0	58.9	56.9	55.3	183.4	144.2	56.1	54.3	53.3
				8000	293.6	192.7	62.9	60.5	58.3	244.8	176.1	59.8	57.6	56.1	190.3	156.1	57.1	55.1	53.6
				9000	310.9	207.0	63.9	61.2	59.1	259.2	189.3	60.7	58.2	56.8	201.5	166.8	58.0	55.7	54.2
BHW-20 4 ROW	45°	60.5	12.00	7000	302.9	186.9	60.5	58.4	55.0	250.3	169.4	57.8	55.8	53.3	192.2	148.0	55.6	53.8	51.4
				8000	326.6	204.1	61.6	59.2	55.8	270.1	185.7	58.7	56.5	53.9	210.1	163.9	56.2	54.2	51.9
				9000	346.4	218.7	62.7	60.0	56.5	279.6	197.2	59.9	57.4	54.2	224.5	176.6	57.0	54.7	52.4
BHW-20 6 ROW	45°	36.0	6.20	7000	321.0	203.7	58.3	57.5	62.8	261.6	183.1	56.0	55.2	59.5	208.1	163.2	53.6	52.9	56.6
				8000	335.6	219.7	59.8	58.8	63.6	279.0	200.5	57.0	56.1	60.5	218.9	177.8	54.6	53.8	57.2
				9000	352.1	237.4	60.8	59.7	64.6	286.5	214.8	58.1	57.1	60.9	230.5	191.3	55.5	54.5	57.8
BHW-20 6 ROW	45°	48.0	10.70	7000	348.9	214.4	56.9	56.1	59.5	289.4	194.5	54.5	53.7	57.1	224.2	169.3	52.8	52.1	54.3
				8000	378.4	235.4	58.0	57.0	60.8	303.7	210.1	55.9							

HORIZONTAL - 2 thru 20 TONS

3 ROW¹ - DX CAPACITIES

MODEL NO.			85°F DB/71°F WB ENT AIR				80°F DB/67°F WB ENT AIR				75°F DB/63°F WB ENT AIR			
	SUCT. TEMP	CFM	TOTAL MBH	SENS MBH	LVG. AIR °F DB WB		TOTAL MBH	SENS MBH	LVG. AIR °F DB WB		TOTAL MBH	SENS MBH	LVG. AIR °F DB WB	
BHX-02	40°	600	31.3	17.9	57.6	55.2	26.1	16.3	55.1	52.9	20.8	14.4	53.0	51.0
		800	36.5	21.5	60.4	57.5	30.5	19.5	57.6	54.9	24.4	17.4	55.1	52.6
		1000	40.6	24.4	62.6	59.2	33.8	22.3	59.5	56.4	27.0	19.8	56.8	53.9
BHX-02	45°	600	26.9	16.2	60.2	57.8	21.7	14.5	57.8	55.6	16.7	12.7	55.6	53.6
		800	31.3	19.5	62.6	59.7	25.2	17.5	59.9	57.2	19.5	15.3	57.4	54.9
		1000	35.1	22.5	64.4	61.0	28.1	20.2	61.5	58.4	21.6	17.7	58.8	55.9
BHX-03	40°	900	46.7	27.0	57.5	55.3	39.1	24.5	55.0	52.9	31.2	21.7	52.9	51.0
		1200	55.1	32.4	60.2	57.4	46.0	29.6	57.4	54.8	36.9	26.3	54.9	52.5
		1500	61.9	37.0	62.4	59.0	51.6	33.8	59.3	56.2	41.0	29.9	56.7	53.8
BHX-03	45°	900	40.3	24.5	60.0	57.8	32.3	21.8	57.8	55.7	24.8	19.0	55.6	53.7
		1200	47.3	29.6	62.4	59.6	38.2	26.6	59.7	57.1	29.5	23.3	57.2	54.8
		1500	53.1	33.8	64.3	60.9	42.5	30.4	61.4	58.3	32.7	26.7	58.7	55.8
BHX-04	40°	1200	63.0	36.0	57.5	55.1	52.5	32.7	55.0	52.8	41.9	28.9	52.9	50.9
		1600	73.5	43.1	60.3	57.4	61.3	39.2	57.5	54.8	49.2	34.9	55.0	52.5
		2000	81.9	49.1	62.5	59.1	68.3	44.9	59.4	56.3	54.6	39.9	56.7	53.8
BHX-04	45°	1200	54.1	32.6	60.1	57.7	43.7	29.2	57.7	55.5	33.4	25.4	55.6	53.6
		1600	63.1	39.2	62.5	59.6	51.0	35.2	59.8	57.1	39.4	30.9	57.3	54.8
		2000	70.2	44.9	64.4	61.0	56.7	40.5	61.4	58.3	43.7	35.5	58.7	55.8
BHX-05	40°	1500	78.4	44.8	57.6	55.2	65.2	40.7	55.1	52.9	52.0	36.0	53.0	51.0
		2000	91.4	53.6	60.4	57.5	76.7	48.8	57.6	54.9	61.0	43.4	55.1	52.6
		2500	101.6	61.0	62.6	59.2	84.6	55.9	59.5	56.4	67.6	49.6	56.8	53.9
BHX-05	45°	1500	67.2	40.5	60.2	57.8	54.2	36.3	57.8	55.6	41.8	31.7	55.6	53.6
		2000	78.2	48.8	62.6	59.7	63.1	43.8	59.9	57.2	48.7	38.4	57.4	54.9
		2500	87.8	56.1	64.4	61.0	70.2	50.4	61.5	58.4	53.9	44.1	58.8	55.9
BHX-7.5	40°	2250	127.9	73.1	55.2	53.5	106.6	66.2	53.0	51.4	85.4	58.6	51.1	49.7
		3000	150.0	88.0	58.1	56.0	124.7	79.8	55.6	53.6	100.2	71.0	53.3	51.5
		3750	168.1	100.1	60.5	57.8	139.7	91.2	57.7	55.2	111.5	80.9	55.2	52.9
BHX-7.5	45°	2250	109.9	66.0	58.1	56.4	88.1	58.6	56.1	54.5	68.1	51.3	54.1	52.7
		3000	129.2	80.1	60.5	58.4	103.3	71.3	58.2	56.2	79.5	62.5	55.9	54.1
		3750	144.5	91.6	62.6	59.9	116.1	82.2	59.9	57.4	89.3	71.9	57.4	55.1
BHX-10	40°	3000	167.3	96.1	55.6	53.9	139.9	87.3	53.3	51.7	111.6	77.2	51.4	50.0
		4000	197.6	116.0	58.4	56.2	165.2	105.5	55.8	53.7	131.6	93.3	53.6	51.7
		5000	218.3	131.3	60.9	58.2	182.0	119.9	58.0	55.5	146.0	106.8	55.4	53.1
BHX-10	45°	3000	143.9	87.0	58.4	56.7	115.8	77.5	56.3	54.7	89.2	67.7	54.3	52.9
		4000	169.7	105.5	60.8	58.6	136.6	94.2	58.4	56.3	104.9	82.4	56.1	54.2
		5000	187.9	120.4	62.9	60.2	150.5	107.9	60.2	57.7	116.1	94.8	57.6	55.3
BHX-15	40°	5000	273.4	159.7	55.7	54.3	227.9	145.0	53.4	52.1	182.3	128.1	51.5	50.3
		6000	301.6	179.2	57.6	55.9	251.1	162.8	55.1	53.5	200.3	144.5	52.9	51.5
		7000	323.8	196.1	59.3	57.3	268.4	178.5	56.6	54.8	215.5	158.7	54.2	52.5
BHX-15	45°	5000	234.2	144.4	58.5	57.1	189.0	129.2	56.3	55.0	146.0	112.8	54.3	53.1
		6000	258.4	162.8	60.1	58.4	208.4	145.8	57.7	56.1	160.9	128.2	55.4	54.0
		7000	275.9	178.5	61.6	59.6	223.0	161.0	58.9	57.1	172.3	141.2	56.5	54.8
BHX-20	40°	7000	348.1	204.5	58.2	56.1	289.2	185.4	55.7	53.7	231.8	164.8	53.4	51.6
		8000	370.1	220.6	59.7	57.3	306.7	200.6	57.0	54.8	246.2	178.8	54.5	52.5
		9000	392.9	236.4	60.9	58.2	327.6	215.8	58.0	55.5	260.4	191.3	55.5	53.2
BHX-20	45°	7000	297.0	185.4	60.7	58.6	241.0	166.3	58.2	56.2	185.5	145.7	55.9	54.1
		8000	317.9	201.4	61.9	59.5	254.9	180.5	59.3	57.1	196.9	158.7	56.8	54.8
		9000	335.3	215.8	63.0	60.3	270.9	194.4	60.2	57.7	209.0	170.7	57.6	55.3

¹ 6 Row DX Coil available on all units. Please contact factory for performance on all 6 Row selections.

HORIZONTAL - 2 thru 20 TONS

HEATING CAPACITIES

STANDARD 4 ROW WATER COIL (2 PIPE SYSTEM)

2 ROW WATER COIL - ADDED (4 PIPE SYSTEM)

BHW-02					BHW-03						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
2.4	0.90	600	50.0	136.9	137.6	3.2	1.00	900	73.0	135.9	132.9
		800	57.0	126.2	131.3			1200	84.0	125.0	126.3
		1000	63.0	118.2	126.6			1500	92.0	116.8	121.4
6.0	5.10	600	57.0	147.9	160.5	8.0	5.90	900	85.0	148.0	158.1
		800	68.0	138.6	156.8			1200	102.0	138.6	153.9
		1000	77.0	131.2	153.8			1500	115.0	131.1	150.6
9.0	11.20	600	58.5	150.5	166.6	12.0	12.90	900	88.0	150.9	164.9
		800	70.0	141.7	163.9			1200	106.0	142.0	161.8
		1000	80.0	134.6	161.6			1500	121.0	134.8	159.3
BHW-04					BHW-05						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
4.0	1.00	1200	97.0	134.7	130.6	5.2	0.80	1500	121.0	135.0	132.3
		1600	110.0	123.8	123.9			2000	139.0	124.2	125.7
		2000	120.0	115.6	118.9			2500	151.0	116.0	120.8
10.0	5.60	1200	113.0	147.3	156.8	13.0	4.60	1500	142.0	147.4	157.7
		1600	134.0	137.9	152.5			2000	169.0	138.0	153.5
		2000	152.0	130.3	148.9			2500	190.0	130.5	150.0
15.0	12.30	1200	117.0	150.3	164.0	19.5	9.90	1500	146.0	150.4	164.6
		1600	141.0	141.4	160.8			2000	176.0	141.5	161.5
		2000	160.0	134.2	158.1			2500	201.0	134.3	158.9
BHW-7.5					BHW-10						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
8.0	1.30	2250	192.0	138.9	131.1	9.6	1.20	3000	248.0	136.5	127.4
		3000	221.0	128.2	123.7			4000	284.0	125.7	119.8
		3750	243.0	120.0	118.2			5000	311.0	117.5	114.2
18.0	6.00	2250	220.0	150.4	155.0	19.2	4.40	3000	284.0	147.5	149.7
		3000	264.0	141.5	149.9			4000	339.0	138.2	144.0
		3750	301.0	134.3	145.8			5000	383.0	130.7	139.3
25.0	11.30	2250	226.0	153.1	161.4	30.0	10.30	3000	298.0	151.7	159.7
		3000	275.0	144.8	157.5			4000	360.0	143.3	155.6
		3750	316.0	137.9	154.1			5000	413.0	136.3	151.9
BHW-15					BHW-20						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
14.4	1.40	5000	412.0	136.1	121.8	26.4	2.20	7000	574.0	135.7	135.7
		6000	447.0	128.8	117.0			8000	615.0	131.0	132.6
		7000	475.0	122.7	113.0			9000	651.0	126.9	129.8
28.8	5.10	5000	483.0	149.2	145.8	44.0	5.60	7000	628.0	142.8	150.9
		6000	539.0	143.0	141.8			8000	680.0	138.5	148.4
		7000	588.0	137.5	138.4			9000	728.0	134.7	146.2
45.0	12.00	5000	510.0	154.2	156.8	55.0	8.60	7000	644.0	145.0	156.1
		6000	576.0	148.6	153.9			8000	701.0	140.9	154.0
		7000	634.0	143.7	151.2			9000	753.0	137.2	152.1

BHW-02					BHW-03						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
2.0	1.30	600	32.2	109.7	147.0	3.0	1.10	900	49.0	110.3	146.6
		800	36.4	102.1	142.8			1200	55.0	102.6	142.4
		1000	39.5	96.6	139.6			1500	60.0	97.1	139.0
4.0	5.20	600	36.2	116.0	161.4	6.0	4.10	900	55.0	116.8	161.1
		800	41.5	108.4	158.6			1200	63.5	109.1	158.3
		1000	46.0	102.8	156.3			1500	70.0	103.5	155.9
6.0	11.70	600	37.5	118.4	167.0	9.0	9.00	900	57.5	119.3	166.9
		800	44.0	110.9	165.0			1200	67.0	111.7	164.7
		1000	49.0	105.4	163.2			1500	75.0	106.2	162.9
BHW-04					BHW-05						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
4.0	0.80	1200	66.0	111.4	145.9	6.0	0.70	1500	86.0	112.9	150.7
		1600	75.0	103.5	141.6			2000	97.0	105.0	146.8
		2000	82.0	97.9	138.2			2500	106.0	99.4	143.7
8.0	3.00	1200	75.0	118.4	160.6	12.0	2.70	1500	96.0	119.4	163.5
		1600	87.0	110.6	157.6			2000	111.0	111.6	160.9
		2000	97.0	104.9	155.2			2500	124.0	105.9	158.8
12.0	6.70	1200	79.0	121.2	166.4	18.0	6.00	1500	100.0	121.9	168.6
		1600	92.0	113.5	164.2			2000	117.0	114.2	166.6
		2000	103.0	107.8	162.3			2500	131.0	108.6	165.1
BHW-7.5					BHW-10						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
9.0	1.20	2250	132.0	114.3	150.0	11.0	1.50	3000	173.0	113.3	147.9
		3000	150.0	106.3	145.9			4000	196.0	105.3	143.6
		3750	164.0	100.6	142.7			5000	214.0	99.6	140.2
18.0	4.60	2250	147.0	120.5	163.2	22.0	5.60	3000	194.0	119.8	161.9
		3000	171.0	112.8	160.5			4000	225.0	112.0	159.1
		3750	190.0	107.0	158.3			5000	250.0	106.3	156.7
27.0	10.20	2250	153.0	122.9	168.4	33.0	12.40	3000	202.0	122.3	167.4
		3000	179.0	115.3	166.4			4000	236.0	114.6	165.3
		3750	201.0	109.6	164.7			5000	265.0	108.9	163.6
BHW-15					BHW-20						
GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F	GPM	PD FT.	CFM	TTL MBH	LAT F	LWT F
14.0	2.00	5000	267.0	109.4	141.0	12.8	0.90	7000	328.0	103.3	127.9
		6000	288.0	104.4	138.0			8000	343.0	99.7	125.4
		7000	306.0	100.4	135.4			9000	357.0	96.7	123.2
28.0	7.60	5000	306.0	116.6	157.6	22.4	2.60	7000	384.0	110.7	145.0
		6000	335.0	111.7	155.5			8000	408.0	107.1	142.8
		7000	361.0	107.6	153.7			9000	429.0	104.0	141.0
42.0	16.70	5000	321.0	119.4	164.3	40.0	7.80	7000	425.0	116.1	158.3
		6000	354.0	114.5	162.7			8000	455.0	112.5	156.8
		7000	383.0	110.5	161.3			9000	481.0	109.4	155.4

Capacities based on 60° EAT and 180° EWT. Units not recommended for heating applications when leaving air exceeds 130 degrees.

HOT WATER HEATING CORRECTION FACTORS

ENTERING AIR TEMP (F)	ENTERING WATER TEMP (F)								
	100	110	120	130	140	150	160	170	180
50	.419	.500	.579	.665	.742	.838	.917	1.000	1.090
55	.376	.460	.544	.629	.708	.791	.873	.963	1.048
60	.335	.419	.500	.579	.665	.742	.838	.917	1.000
65	.290	.376	.460	.544	.629	.708	.791	.873	.963
70	.251	.335	.419	.500	.579	.665	.742	.838	.917
75	.205	.290	.376	.460	.544	.629	.708	.791	.873
80	.167	.251	.335	.419	.500	.579	.665	.742	.838

HORIZONTAL - 2 thru 20 TONS

PERFORMANCE FOR STANDARD AND HIGH EFFICIENCY STEAM DISTRIBUTING COILS FOR BHW & BHX BELT DRIVE FAN COIL UNITS

SIZE	2 PSIG						5PSIG						10 PSIG					
	600 CFM		800 CFM		1000 CFM		600 CFM		800 CFM		1000 CFM		600 CFM		800 CFM		1000 CFM	
ROWS	LAT	MBH	LAT	MBH	LAT	MBH	LAT	MBH	LAT	MBH	LAT	MBH	LAT	MBH	LAT	MBH	LAT	MBH
STD.	60	38.1	51	43.9	46	48.8	61	39.4	53	45.6	48	50.8	65	41.5	56	48.1	50	53.5
BHW-02 BHX-02	900 CFM		1200 CFM		1500 CFM		900 CFM		1200 CFM		1500 CFM		900 CFM		1200 CFM		1500 CFM	
STD.	62	59.4	54	68.9	48	76.9	64	61.8	56	71.7	50	79.9	68	65.1	59	75.6	53	84.3
BHW-04 BHX-04	1200 CFM		1600 CFM		2000 CFM		1200 CFM		1600 CFM		2000 CFM		1200 CFM		1600 CFM		2000 CFM	
STD.	60	77.5	53	89.9	47	100.1	63	80.6	55	93.4	49	104.1	66	85	58	98.5	51	109.8
BHW-05 BHX-05	1500 CFM		2000 CFM		2500 CFM		1500 CFM		2000 CFM		2500 CFM		1500 CFM		2000 CFM		2500 CFM	
STD.	61	97.7	53	113.3	47	126.3	63	101.6	55	117.8	49	131.3	67	107.1	58	124.2	52	138.5
BHW-7.5 BHX-7.5	2250 CFM		3000 CFM		3750 CFM		2250 CFM		3000 CFM		3750 CFM		2250 CFM		3000 CFM		3750 CFM	
STD.	63	150.8	55	175.2	49	195.6	65	156.8	57	182.1	51	203.3	69	165.3	60	192.0	53	214.4
BHW-10 BHX-10	3000 CFM		4000 CFM		5000 CFM		3000 CFM		4000 CFM		5000 CFM		3000 CFM		4000 CFM		5000 CFM	
STD.	63	202.8	55	253.7	49	263.3	66	210.9	57	245.0	51	273.7	69	222.3	60	258.4	54	286.6
BHW-15 BHX-15	5000 CFM		6000 CFM		7000 CFM		5000 CFM		6000 CFM		7000 CFM		5000 CFM		6000 CFM		7000 CFM	
STD.	60	323.6	55	355.6	51	384.1	63	336.3	58	369.6	53	399.3	66	354.4	61	389.9	56	421.0

Note: Based on 0°F Entering Air Temperature

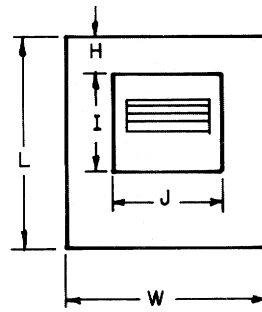
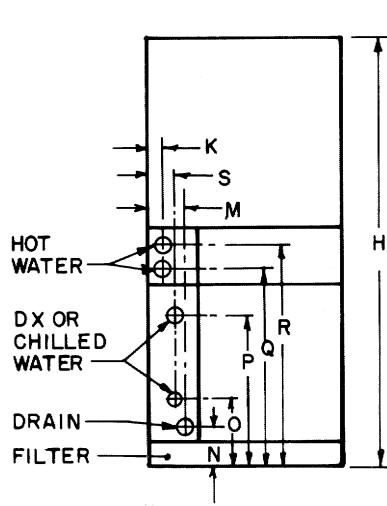
CORRECTION FACTORS FOR OTHER THAN 0°F EAT & VARIOUS STEAM PRESSURES

ENTERING AIR TEMP. °F	STEAM PRESSURE						
	0	2	5	10	15	20	30
-30	1.066	1.097	1.132	1.187	1.234	1.272	1.340
-20	1.021	1.050	1.088	1.142	1.187	1.227	1.295
-10	.977	1.006	1.044	1.098	1.143	1.183	1.250
0	.933	.962	1.000	1.054	1.100	1.139	1.206
10	.889	.918	.956	1.010	1.055	1.095	1.163
20	.845	.874	.912	.966	1.012	1.051	1.119
30	.801	.830	.868	.922	.968	1.007	1.075
40	.757	.786	.824	.877	.923	.963	1.030
45	.735	.764	.802	.856	.901	.941	1.009
50	.713	.742	.780	.834	.879	.919	.986
55	.691	.720	.756	.812	.857	.897	.965
60	.669	.698	.736	.790	.835	.875	.943
65	.647	.676	.714	.768	.813	.853	.921
70	.625	.654	.692	.746	.791	.831	.899

SMALL VERTICAL - 2 thru 5 TONS



WATER UNIT



DX UNIT

K, L and M Dimensions are measured from left edge. N, O, P, Q and R Dimensions are measured from the bottom.

2 THRU 5 TON UNITS – BVW & BVX CABINET DIMENSIONS

MODEL	UNIT							BLOWER OPENING OUTLET			DIMENSIONS FOR STUBOUTS - APPROXIMATE ONLY						
	W	L	H	D	E	F	G	H	I	J	K	S	M	N	O	P	Q
BVW-02	22	23 1/2	50	X	X	X	X	3	10 3/4	8 3/4	CONTACT FACTORY						
BVW-03	22	23 1/2	50	X	X	X	X	3	10 3/4	8 3/4							
BVW-04	25	23 1/2	56 1/2	X	X	X	X	1 1/2	12	9 1/2							
BVW-05	29 1/4	25 1/2	59 5/8	X	X	X	X	1	14	13							

*Hot water coil outlet (lower) stubout is 3/4" closer to the left edge than the inlet.
Bottom opening formed with 3/4" flange on all 4 sides.

BVW SPECIFICATIONS (WATER UNITS)

MODEL	FACE AREA SQ. FT.	ROWS/TUBE	NOMINAL RATING IN TONS	MTR HP	VOLT	PHASE	BLOWER	2" THROWAWAY FILTER	MANIFOLD CONNECTIONS	UNIT SHIP WT.
BVW-02	3.00	3 / 3/8	2	1/4	115	1	9-9	20x20	3/4"O.D. SWT	164
BVW-03	3.00	4 / 3/8	3	1/3	115	1	9-9	20x20	3/4"O.D. SWT	170
BVW-04	4.00	4 / 3/8	4	1/2	115/208/230	1	10-10	22.5x22.5	7/8"O.D. SWT	200
BVW-05	5.11	4 / 3/8	5	3/4	115/208/230	1	12-12	2-16x25	1 1/8"O.D. SWT	253

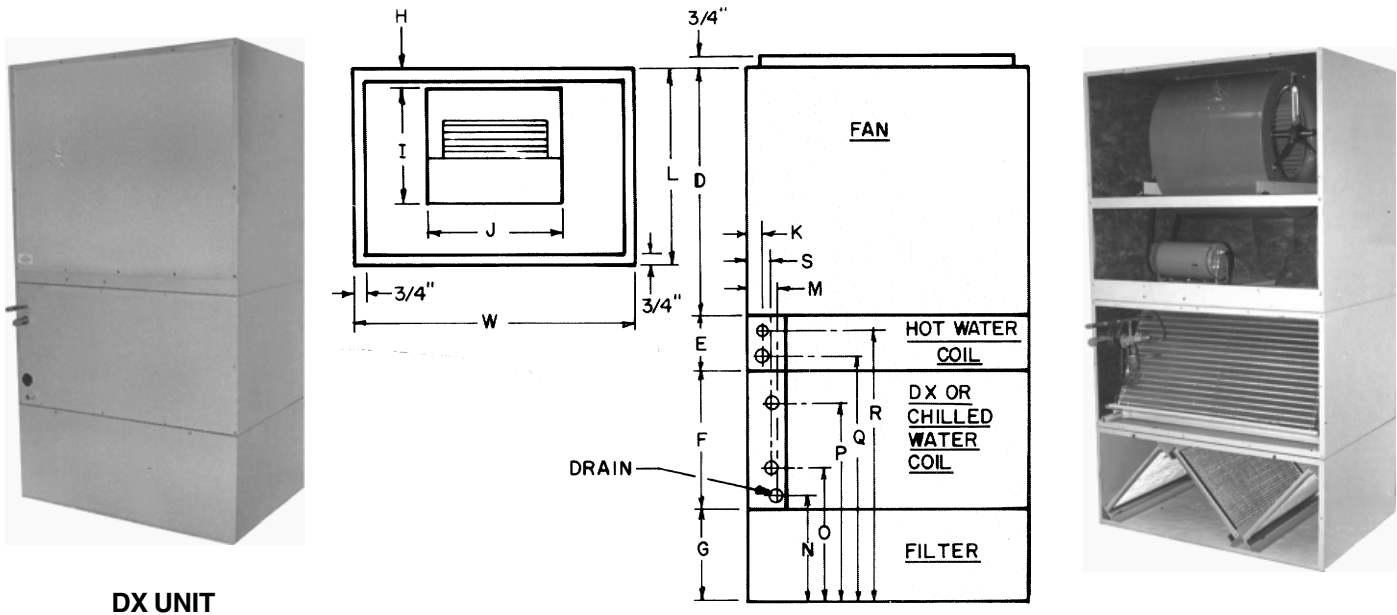
*Base mounted motor, motor shipped separately. All of the coils, chilled and hot water, are shipped separately.

BVX SPECIFICATIONS (DX UNITS)

MODEL	FACE AREA SQ. FT.	ROWS/TUBE	NOMINAL RATING IN TONS	MTR HP	VOLT	PHASE	BLOWER	2" THROWAWAY FILTER	FREON CONNECTIONS		UNIT SHIP WT.
									LIQ. LINE O.D.SWT	SUCT. LINE O.D.SWT	
BVX-02	3.00	3 / 3/8	2	1/4	115	1	9-9	20x20	3/8	3/4	163
BVX-03	3.00	3 / 3/8	3	1/3	115	1	9-9	20x20	3/8	3/4	170
BVX-04	4.00	3 / 3/8	4	1/2	115/208/230	1	10-10	22.5x22.5	1/2	7/8	201
BVX-05	5.11	3 / 3/8	5	3/4	115/208/230	1	12-12	2-16x25	1/2	1 1/8	253

*Base mounted motor, motor shipped separately. All of the coils, chilled and hot water, are shipped separately.

SMALL VERTICAL - 7½ and 10 TONS



DX UNIT

K, L and M Dimensions are measured from left edge.
 N, O, P, Q and R Dimensions are measured from the bottom.

7.5 & 10 TON UNITS – BVW & BVX CABINET DIMENSIONS

MODEL	UNIT							BLOWER OPENING OUTLET			DIMENSIONS FOR STUBOUTS - APPROXIMATE ONLY							
	W	L	H	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
BVW-7.5	39	27	X	34	9	19 1/2	15 1/2	1	16 3/4	13 1/4	CONTACT FACTORY							
BVW-10	51 1/2	27	X	34	9	19 1/2	20 1/2	1	16 3/4	13 1/4								

*Hot water coil outlet (lower) stubout is 3/4" closer to the left edge than the inlet.
 Bottom opening formed with 3/4" flange on all 4 sides.

BVW SPECIFICATIONS

MODEL	FACE AREA SQ. FT.	ROWS/TUBE	NOMINAL RATING IN TONS	MTR HP	VOLT	PHASE	BLOWER	2" THROWAWAY FILTER	MANIFOLD CONNECTIONS	UNIT SHIP WT.
BVW-7.5	7.34	4 / 3/8	7.5	3/4	115/208/230	1	15-15	3-16x25	1 1/8" O.D. SWT	364
BVW-10	9.40	4 / 3/8	10	1	115/208/230	1	15-15	4-20x25	1 3/8" O.D. SWT	462

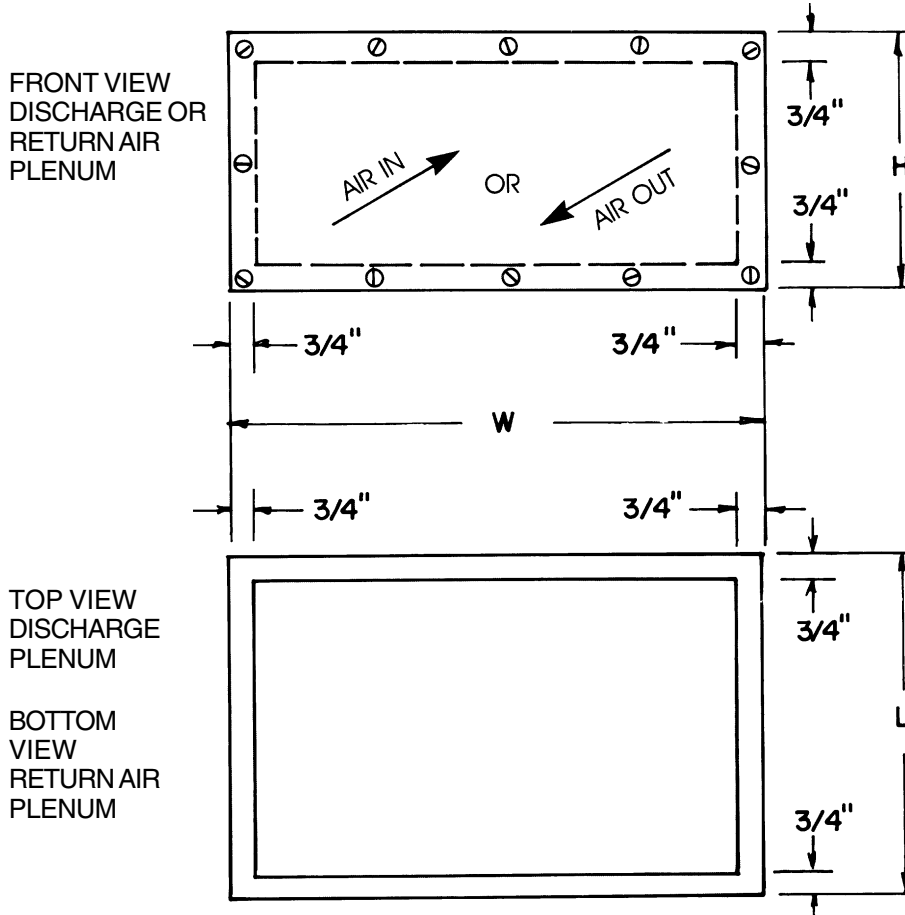
*Base mounted motor, motor shipped separately. All of the coils, chilled and hot water, are shipped separately.

BVX SPECIFICATIONS

MODEL	FACE AREA SQ. FT.	ROWS/TUBE	NOMINAL RATING IN TONS	MTR HP	VOLT	PHASE	BLOWER	2" THROWAWAY FILTER	FREON CONNECTIONS		UNIT SHIP WT.
									LIQ. LINE O.D. SWT	SUCT. LINE O.D. SWT	
BVX-7.5	7.34	3 / 3/8	7.5	3/4	115/208/230	1	15-15	3-16x25	5/8	1 1/8	362
BVX-10	9.40	3 / 1/2	10	1	115/208/230	1	15-15	4-20x25	5/8	1 3/8	456

SMALL VERTICAL - 2 thru 10 TONS

BVW & BVX-02 THRU 10



DIMENSIONS

MODEL	W	L	H	SHIPPING WEIGHT
BVW-02 & BVX-02 & 03	22"	23 1/2"	12"	23
BVW & BVX-04	25"	23 1/2"	14"	30
BVW & BVX-05	29 1/2"	25 1/2"	16"	35
BVW & BVX-7.5	39"	27"	24"	41
BVW & BVX-10	51 1/2"	27"	24"	41

SPECIAL FEATURES

- On all vertical units, the return air opening is on the bottom of the unit and air flow is vertical only. You can change the air flow to horizontal on both the air inlet and air discharge by adding an air plenum. These plenums are designed for horizontal air flow.
- All plenums fit flush to the vertical unit. Both the air inlet and air discharge plenums are identical. Plenums are fastened to the unit with a double-faced seal.
- All plenums are designed for 'field cutout' grille mountings. Grilles are not included.
- Plenums are shipped loose for field installation.

SMALL VERTICAL - 2 thru 10 TONS

FAN PERFORMANCE

3 / 4 ROW WATER – NO HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25" ESP		.50" ESP		.75" ESP		1.00" ESP		1.25" ESP		1.50" ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BVW-02 BVX-02	.14	600	679	.08	863	.13	1019	.18	1138	.24	1273	.30	1396	.35
	.18	700	706	.11	885	.15	1028	.22	1157	.28	1282	.33	1402	.40
	.23	800	762	.14	927	.20	1056	.24	1174	.30	1288	.37	1401	.44
	.28	900	803	.18	968	.23	1092	.30	1205	.36	1313	.43	1416	.49
	.33	1000	865	.22	1004	.29	1133	.36	1241	.43	1339	.48	1432	.57
BVW-03 BVX-03	.32	900	844	.20	989	.25	1111	.32	1226	.37	1344	.44	1442	.53
	.41	1050	927	.27	1066	.32	1185	.39	1283	.48	1399	.56	1496	.64
	.52	1200	1015	.35	1133	.43	1247	.52	1360	.61	1457	.69	1544	.78
	.64	1350	1091	.46	1217	.56	1318	.67	1423	.77	1520	.87	1600	.94
	.78	1500	1198	.61	1299	.74	1405	.84	1486	.95	1571	1.05	1658	1.15
BVW-04 BVX-04	.47	1200	809	.30	927	.37	1015	.45	1112	.53	1190	.61	1277	.71
	.62	1400	906	.43	999	.50	1092	.61	1169	.69	1257	.81	1329	.91
	.77	1600	979	.58	1071	.68	1154	.77	1236	.91	1318	1.03	1385	1.10
	.95	1800	1066	.76	1154	.90	1236	1.02	1318	1.15	1385	1.28	1452	1.40
	1.14	2000	1169	1.04	1236	1.15	1318	1.30	1396	1.44	1452	1.55	1514	1.68
BVW-05 BVX-05	.45	1500	745	.32	854	.42	958	.50	1045	.62	1145	.73	1228	.85
	.58	1750	816	.45	914	.55	1004	.64	1091	.78	1182	.90	1260	1.06
	.72	2000	879	.59	977	.73	1064	.82	1148	.97	1227	1.13	1300	1.26
	.86	2250	948	.76	1039	.91	1125	1.07	1201	1.21	1273	1.35	1345	1.51
	1.04	2500	1026	1.01	1114	1.22	1193	1.36	1263	1.55	1333	1.67	1399	1.82
BVW-7.5 BVX-7.5	.33	2250	624	.52	719	.66	806	.80	886	.96	954	1.10	1023	1.27
	.43	2625	702	.77	783	.93	862	1.09	933	1.28	998	1.42	1061	1.59
	.55	3000	773	1.09	855	1.29	929	1.47	993	1.66	1052	1.83	1109	2.03
	.68	3375	832	1.44	907	1.64	971	1.83	1040	2.06	1101	2.29	1157	2.49
	.81	3750	903	1.90	970	2.12	1033	2.35	1092	2.56	1149	2.79	1207	3.05
BVW-10 BVX-10	.29	3000	660	.89	742	1.06	824	1.26	896	1.43	965	1.63	1035	1.84
	.38	3500	733	1.29	804	1.47	883	1.71	950	1.92	1020	2.18	1078	2.36
	.48	4000	811	1.79	884	2.06	943	2.29	1011	2.55	1076	2.82	1136	3.10
	.60	4500	895	2.48	953	2.72	1017	3.03	1072	3.29	1133	3.62	1194	3.90
	.73	5000	976	3.30	1030	3.56	1086	3.89	1140	4.19	1196	4.51	1250	4.84

3 / 4 ROW WATER – ADD 2 ROW HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25" ESP		.50" ESP		.75" ESP		1.00" ESP		1.25" ESP		1.50" ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BVW-02 BVX-02	.20	600	716	.10	901	.14	1051	.20	1185	.25	1318	.33	1442	.39
	.25	700	767	.12	927	.18	1082	.23	1200	.27	1329	.34	1442	.43
	.31	800	819	.15	979	.22	1112	.28	1221	.33	1339	.40	1442	.45
	.39	900	886	.20	1030	.26	1148	.33	1241	.39	1360	.45	1457	.54
	.46	1000	927	.25	1071	.32	1185	.37	1282	.44	1401	.54	1488	.59
BVW-03 BVX-03	.42	900	906	.22	1040	.28	1169	.35	1277	.40	1382	.48	1478	.57
	.57	1050	1015	.31	1138	.38	1246	.47	1362	.57	1467	.63	1545	.71
	.72	1200	1099	.42	1231	.50	1338	.62	1443	.71	1521	.79	1617	.90
	.84	1350	1206	.56	1317	.65	1419	.74	1509	.83	1599	.94	1681	1.04
	1.04	1500	1313	.73	1395	.81	1489	.92	1586	1.03	1667	1.11	1741	1.22
BVW-04 BVX-04	.59	1200	855	.34	959	.41	1056	.50	1157	.59	1237	.69	1317	.75
	.77	1400	948	.48	1058	.59	1144	.67	1228	.76	1307	.88	1380	.99
	.96	1600	1051	.65	1136	.76	1226	.88	1300	.97	1379	1.09	1445	1.19
	1.21	1800	1155	.88	1233	1.00	1316	1.12	1381	1.23	1451	1.34	1515	1.46
	1.45	2000	1238	1.16	1324	1.28	1399	1.42	1466	1.56	1526	1.65	1586	1.78
BVW-05 BVX-05	.56	1500	774	.36	887	.45	992	.55	1083	.65	1176	.78	1265	.93
	.73	1750	858	.50	959	.61	1055	.73	1136	.84	1221	.99	1297	1.13
	.92	2000	940	.69	1032	.81	1119	.94	1196	1.08	1272	1.24	1347	1.39
	1.13	2250	1016	.91	1099	1.03	1179	1.17	1259	1.36	1332	1.52	1399	1.69
	1.36	2500	1100	1.18	1179	1.33	1254	1.51	1328	1.69	1398	1.86	1456	2.01
BVW-7.5 BVX-7.5	.39	2250	695	.63	819	.84	925	1.04	1021	1.27	1108	1.47	1189	1.72
	.51	2625	757	.89	876	1.14	968	1.37	1051	1.57	1130	1.81	1209	2.07
	.64	3000	825	1.22	928	1.47	1016	1.71	1093	1.96	1166	2.20	1240	2.48
	.80	3375	886	1.59	984	1.87	1069	2.15	1144	2.45	1214	2.72	1276	2.98
	.96	3750	949	2.03	1037	2.34	1123	2.67	1200	3.01	1266	3.32	1328	3.61
BVW-10 BVX-10	.36	3000	650	.85	741	1.06	815	1.22	892	1.41	959	1.62	1025	1.83
	.47	3500	729	1.25	809	1.47	881	1.71	950	1.92	1015	2.15	1070	2.38
	.61	4000	812	1.80	876	2.03	946	2.28	1016	2.58	1073	2.82	1129	3.08
	.74	4500	886	2.42	953	2.72	1012	2.99	1071	3.27	1132	3.59	1187	3.88
	.90	5000	967	3.20	1025	3.51	1076	3.77	1138	4.15	1196	4.50	1248	4.83

SMALL VERTICAL - 2 thru 10 TONS

FAN PERFORMANCE 3 ROW DX – NO HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25" ESP		.50" ESP		.75" ESP		1.00" ESP		1.25" ESP		1.50" ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BVW-02 BVX-02	.12	600	644	.08	834	.13	991	.18	1132	.24	1246	.30	1354	.36
	.16	700	695	.11	866	.15	1021	.20	1149	.26	1259	.32	1365	.39
	.19	800	747	.13	908	.19	1054	.24	1172	.30	1283	.37	1385	.44
	.23	900	784	.18	938	.23	1070	.29	1194	.34	1303	.41	1402	.49
	.20	1000	836	.22	989	.27	1114	.34	1226	.41	1327	.48	1421	.57
BVW-03 BVX-03	.29	900	852	.19	1000	.24	1138	.31	1236	.37	1352	.43	1460	.50
	.38	1050	938	.26	1078	.33	1200	.40	1308	.47	1402	.54	1503	.60
	.47	1200	1019	.32	1144	.42	1262	.50	1363	.59	1462	.65	1546	.71
	.58	1350	1111	.44	1127	.53	1333	.64	1433	.73	1513	.81	1603	.89
	.70	1500	1195	.59	1307	.70	1403	.80	1502	.91	1587	1.01	1671	1.11
BVW-04 BVX-04	.44	1200	788	.29	898	.36	1009	.43	1107	.53	1210	.62	1277	.73
	.57	1400	886	.42	1004	.52	1082	.60	1169	.67	1257	.81	1339	.90
	.71	1600	968	.54	1061	.64	1154	.75	1236	.91	1318	1.00	1391	1.12
	.88	1800	1066	.78	1148	.90	1231	1.02	1303	1.13	1375	1.27	1442	1.37
	1.06	2000	1148	1.00	1221	1.14	1298	1.30	1385	1.43	1442	1.56	1507	1.70
BVW-05 BVX-05	.41	1500	733	.29	851	.39	949	.46	1046	.58	1140	.69	1229	.82
	.52	1750	806	.43	909	.54	999	.62	1087	.72	1171	.85	1256	1.00
	.65	2000	873	.57	966	.69	1052	.77	1134	.92	1220	1.08	1289	1.21
	.80	2250	947	.76	1036	.89	1117	1.04	1195	1.15	1265	1.33	1340	1.46
	.96	2500	1027	.99	1106	1.15	1185	1.26	1252	1.43	1328	1.58	1381	1.73
BVW-7.5 BVX-7.5	.30	2250	644	.56	758	.73	857	.91	937	1.07	1021	1.27	1094	1.44
	.39	2625	705	.79	812	.99	900	1.19	983	1.39	1056	1.60	1125	1.80
	.50	3000	771	1.08	866	1.31	950	1.53	1025	1.74	1100	1.99	1165	2.18
	.62	3375	831	1.44	920	1.69	1001	1.94	1082	2.21	1147	2.46	1205	2.70
	.76	3750	898	1.86	982	2.18	1054	2.44	1130	2.73	1195	3.00	1257	3.27
BVW-10 BVX-10	.25	3000	631	.80	715	.97	802	1.17	873	1.36	946	1.55	1015	1.75
	.33	3500	705	1.17	786	1.41	858	1.61	929	1.84	992	2.05	1058	2.27
	.42	4000	785	1.68	856	1.93	919	2.17	986	2.41	1049	2.66	1107	2.94
	.53	4500	869	2.35	922	2.56	987	2.85	1044	3.11	1103	3.38	1157	3.66
	.63	5000	935	3.00	995	3.30	1051	3.62	1108	3.92	1162	4.24	1218	4.58

3 ROW DX – ADD 2 ROW HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25" ESP		.50" ESP		.75" ESP		1.00" ESP		1.25" ESP		1.50" ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BVW-02 BVX-02	.19	600	726	.09	913	.14	1057	.19	1185	.23	1309	.29	1437	.36
	.24	700	762	.12	946	.16	1080	.23	1200	.27	1324	.34	1452	.39
	.30	800	821	.14	979	.21	1108	.27	1235	.33	1349	.38	1463	.44
	.38	900	898	.20	1037	.25	1155	.31	1274	.38	1373	.45	1483	.52
	.44	1000	951	.26	1092	.33	1217	.39	1311	.45	1406	.52	1506	.60
BVW-03 BVX-03	.41	900	905	.21	1043	.27	1165	.32	1277	.38	1378	.46	1468	.54
	.53	1050	994	.29	1120	.35	1241	.43	1345	.52	1440	.57	1519	.63
	.67	1200	1091	.38	1228	.46	1330	.57	1424	.63	1515	.72	1589	.78
	.83	1350	1200	.54	1319	.63	1413	.72	1507	.81	1576	.88	1659	.95
	1.00	1500	1298	.70	1403	.80	1496	.91	1582	1.00	1660	1.08	1736	1.18
BVW-04 BVX-04	.57	1200	881	.31	984	.40	1071	.46	1159	.56	1257	.64	1334	.74
	.74	1400	968	.46	1066	.56	1154	.64	1236	.74	1318	.83	1385	.93
	.94	1600	1056	.61	1148	.73	1221	.83	1318	.96	1391	1.08	1457	1.15
	1.15	1800	1159	.87	1236	.96	1324	1.09	1391	1.22	1463	1.35	1530	1.48
	1.37	2000	1267	1.16	1344	1.28	1411	1.41	1483	1.56	1545	1.67	1607	1.78
BVW-05 BVX-05	.53	1500	775	.34	891	.44	983	.53	1082	.64	1171	.74	1257	.90
	.68	1750	851	.48	950	.59	1041	.69	1128	.78	1213	.95	1296	1.09
	.85	2000	930	.66	1019	.76	1107	.92	1188	1.02	1260	1.17	1337	1.32
	1.05	2250	1011	.87	1097	1.03	1173	1.15	1246	1.29	1316	1.42	1387	1.59
	1.25	2500	1091	1.12	1170	1.30	1243	1.46	1314	1.63	1379	1.77	1449	1.94
BVW-7.5 BVX-7.5	.36	2250	664	.60	775	.76	871	.96	959	1.14	1043	1.33	1115	1.50
	.48	2625	732	.84	836	1.07	922	1.26	1002	1.46	1078	1.66	1145	1.87
	.61	3000	796	1.15	889	1.38	979	1.63	1050	1.84	1122	2.08	1187	2.30
	.75	3375	861	1.53	952	1.81	1031	2.05	1101	2.29	1170	2.56	1236	2.80
	.90	3750	927	1.94	1010	2.25	1090	2.55	1159	2.83	1225	3.13	1282	3.40
BVW-10 BVX-10	.33	3000	647	.84	736	1.04	814	1.22	891	1.43	960	1.62	1024	1.82
	.43	3500	727	1.26	802	1.45	877	1.67	946	1.90	1007	2.11	1066	2.32
	.54	4000	798	1.73	867	2.00	939	2.24	1003	2.50	1067	2.78	1119	3.00
	.68	4500	880	2.39	943	2.67	1006	2.97	1066	3.23	1127	3.57	1180	3.84
	.81	5000	959	3.15	1018	3.45	1077	3.79	1135	4.16	1189	4.49	1242	4.79

SMALL VERTICAL - 2 thru 10 TONS

CHILLED WATER PERFORMANCE – STANDARD COIL

MODEL NO	ENT. AIR	GPM	P.D. FT.	CFM	85° DB/71° WB ENT. AIR					80° DB/67° WB ENT. AIR					75° DB/63° WB ENT. AIR				
					TOTAL MBH	SENS MBH	LVG AIR F°		LMT F	TOTAL MBH	SENS MBH	LVG AIR F°		LMT F	TOTAL MBH	SENS MBH	LVG AIR F°		LMT F
							DB	WB				DB	WB				DB	WB	
BVW-02	45°	2.4	1.1	600	22.3	14.7	62.5	60.3	61.8	18.7	13.4	59.5	57.4	60.6	15.2	12.1	56.5	54.6	57.7
				800	24.2	17.2	65.3	62.6	65.2	20.3	15.9	61.8	59.3	61.9	15.8	14.0	58.9	56.6	58.2
				1000	25.3	19.4	67.2	64.1	66.1	21.2	17.9	61.6	60.7	62.7	17.4	16.3	60.0	57.4	59.5
		4.8	4.1	600	29.2	17.2	58.7	56.5	57.2	24.4	15.6	56.1	54.0	55.2	19.1	13.7	54.1	52.2	53.0
				800	32.7	20.1	61.9	59.2	58.6	27.2	18.4	58.9	56.4	56.4	21.4	16.2	56.4	54.1	53.9
				1000	36.3	23.1	63.8	60.7	60.1	29.4	20.8	60.9	58.0	57.3	23.8	18.9	56.4	55.1	54.9
		7.2	8.8	600	31.8	18.2	57.2	55.0	51.8	26.2	16.3	55.0	52.9	52.3	20.5	14.3	57.7	51.2	50.7
				800	37.2	21.8	60.0	57.3	55.3	29.9	19.4	57.7	55.2	53.3	24.1	17.4	53.1	52.8	51.7
				1000	40.9	24.7	62.3	59.2	56.4	33.9	22.5	59.4	56.5	54.4	26.2	19.7	55.1	54.3	52.3
BVW-03	45°	4.8	2.7	900	38.7	24.3	60.2	58.5	61.1	11.4	21.9	57.7	56.1	58.1	25.2	19.6	56.9	53.6	55.5
				1200	42.7	28.8	63.0	60.9	62.8	35.5	26.3	59.9	57.9	59.8	28.1	23.4	55.0	55.3	56.7
				1500	45.4	32.5	65.1	62.6	63.9	38.0	29.9	61.7	59.4	60.8	29.8	26.7	57.1	56.5	57.4
		7.2	5.8	900	44.4	26.5	58.0	56.3	57.1	35.9	23.6	55.9	54.3	55.0	28.8	21.1	58.7	52.1	53.0
				1200	50.1	31.4	61.0	58.9	58.9	41.8	28.6	58.1	56.1	56.6	32.7	25.2	53.5	53.9	54.1
				1500	54.1	35.6	63.2	60.7	60.0	45.1	32.5	60.1	57.8	57.5	35.4	28.8	55.7	55.2	54.8
		9.6	10.1	900	47.5	27.8	56.7	55.0	54.9	38.9	24.9	54.6	51.0	51.1	30.3	21.8	52.8	51.4	51.5
				1200	55.6	33.5	59.4	57.3	56.6	45.3	30.0	57.1	55.1	54.4	35.9	26.6	54.7	52.9	52.5
				1500	60.4	37.8	61.9	59.4	57.6	60.1	34.5	58.9	56.6	55.4	39.3	30.2	56.5	54.1	53.2
BVW-04	45°	7.2	3.7	1200	53.8	33.4	59.5	57.8	59.9	44.6	30.2	56.9	55.3	57.4	35.0	26.7	54.6	53.2	54.7
				1600	59.9	39.4	62.4	60.3	61.6	49.9	35.9	59.4	57.4	58.9	39.0	31.9	56.7	54.9	55.6
				2000	63.4	44.5	64.6	62.1	62.6	53.1	40.8	61.3	59.0	59.8	23.0	36.6	58.2	56.0	56.9
		9.6	6.5	1200	59.2	35.3	58.0	56.3	57.3	47.9	31.5	55.9	54.3	55.0	38.4	28.1	53.5	52.1	63.0
				1600	66.7	41.9	61.0	58.9	58.9	54.0	37.5	58.5	56.5	56.3	43.5	33.7	55.7	53.9	54.1
				2000	72.0	47.3	63.3	60.8	60.0	60.0	43.4	60.1	57.8	57.5	48.8	39.0	57.1	54.9	55.2
		12.0	9.9	1200	62.7	36.8	56.9	55.2	55.4	51.3	33.0	54.8	53.2	53.6	40.0	28.8	53.0	51.6	51.7
				1600	71.5	43.6	60.0	57.9	56.9	59.5	39.6	57.3	55.3	54.9	47.8	35.4	54.7	52.9	53.0
				2000	80.0	50.1	62.0	59.5	58.3	64.8	45.4	59.2	56.9	55.8	52.2	40.3	56.5	54.3	53.7
BVW-05	45°	9.6	4.0	1500	71.3	43.2	58.6	56.9	59.9	57.8	38.6	56.4	54.8	57.0	45.6	34.2	54.1	52.7	54.5
				2000	80.0	51.0	61.6	59.5	61.7	64.7	45.8	59.0	57.0	58.5	52.4	41.2	56.1	54.3	55.9
				2500	85.0	57.5	63.9	61.4	62.7	69.0	52.1	60.9	58.9	59.4	55.9	46.6	57.9	55.7	56.6
		12.0	6.1	1500	75.8	45.0	57.5	55.8	57.6	60.7	39.8	55.7	54.1	55.1	48.8	35.5	53.3	51.9	53.1
				2000	85.4	53.0	60.7	58.6	59.2	71.4	48.4	57.8	55.8	56.9	55.4	42.5	55.5	53.7	55.3
				2500	92.2	60.0	63.0	60.5	60.4	76.0	54.8	59.9	57.6	57.7	62.1	49.1	57.0	54.8	52.0
		14.4	8.6	1500	78.7	46.1	56.8	55.1	55.9	64.8	41.5	54.6	53.0	54.0	50.6	36.3	52.8	51.4	53.1
				2000	92.2	55.6	59.5	57.4	57.8	75.0	49.7	57.2	55.2	55.4	58.0	43.6	55.0	53.2	54.0
				2500	99.9	62.7	62.0	59.5	58.9	80.2	56.1	59.4	57.1	56.1	65.0	50.4	56.5	54.3	55.5
BVW-7.5	45°	12.0	3.9	2250	97.4	61.1	60.1	58.4	61.2	81.2	55.7	57.3	55.7	58.5	63.2	49.1	55.0	53.6	56.8
				3000	107.9	72.3	62.9	60.8	63.0	87.5	65.1	60.1	58.1	59.6	70.5	58.5	57.1	55.3	58.0
				3750	115.2	81.3	65.1	62.4	64.2	96.0	74.4	61.8	59.3	61.0	77.8	67.4	58.5	56.2	53.0
		18.0	8.3	2250	111.1	66.2	58.0	56.3	57.3	89.8	59.1	55.9	54.3	55.0	72.0	52.7	53.5	52.1	54.0
				3000	125.0	78.5	61.0	58.9	58.9	101.4	70.3	58.5	56.5	56.3	81.3	63.1	55.7	53.9	55.2
				3750	139.6	89.5	63.1	60.4	60.5	113.0	80.9	60.2	57.7	57.6	91.8	72.8	57.2	54.9	51.3
		24.0	14.4	2250	118.6	69.2	56.8	55.1	54.9	95.0	61.3	55.0	53.4	52.9	75.6	54.2	52.9	51.5	52.3
				3000	139.3	83.7	59.4	57.3	56.6	113.0	74.9	57.1	55.1	54.4	87.5	65.4	55.0	53.2	53.3
				3750	152.3	94.4	61.9	59.2	57.7	122.0	84.2	59.4	56.9	55.2	99.0	75.6	56.5	54.2	53.9
BVW-10	45°	18.0	4.4	3000	124.0	79.5	60.7	59.0	58.8	100.0	71.3	58.2	56.6	56.1	80.3	63.8	55.5	54.1	55.0
				4000	138.0	94.2	63.4	61.2	60.3	111.9	84.6	60.6	58.5	57.4	90.4	76.3	57.5	55.6	55.8
				5000	149.5	106.3	65.5	62.7	61.6	124.0	97.6	62.1	59.5	58.8	97.6	86.7	59.1	56.7	52.1
		24.0	7.6	3000	134.2	83.1	59.6	57.9	56.2	107.0	73.9	57.4	55.8	53.9	85.8	66.1	54.8	53.4	53.4
				4000	155.6	100.3	62.0	59.8	58.0	125.0	89.4	59.5	57.4	55.4	100.3	80.2	56.6	54.7	54.2
				5000	170.0	113.4	64.2	61.4	59.2	137.0	101.9	61.3	58.7	56.4	110.9	92.1	58.1	55.7	50.3
		36.0	16.4	3000	148.4	88.6	57.9	56.2	53.2	119.0	78.5	56.0	54.4	51.6	94.5	69.7	53.7	52.3	50.3
				4000	171.0	106.0	60.7	58.5	54.5	142.0	95.9	58.0	55.9	52.9	109.7	84.1	55.7	53.8	51.1
				5000	196.0	122.6	62.5	59.7	55.9	157.0	109.6	59.9	57.3	53.7	137.0	98.1	57.0	54.6	52.1

SMALL VERTICAL - 2 thru 10 TONS

DX PERFORMANCE – STANDARD COIL

MODEL NO	SUCT. TEMP.	CFM	85° DB/71° WB ENT. AIR				80° DB/67° WB ENT. AIR				75° DB/63° WB ENT. AIR			
			TOTAL MBH	SENS MBH	LVG AIR F°		TOTAL MBH	SENS MBH	LVG AIR F°		TOTAL MBH	SENS MBH	LVG AIR F°	
					DB	WB			DB	WB			DB	WB
BVX-02	40°	600	32.8	18.6	56.5	54.3	27.4	16.9	54.2	52.1	21.9	14.9	52.2	50.3
		800	38.8	22.5	59.2	56.5	32.2	20.4	56.6	54.1	25.9	18.1	54.2	51.9
		1000	43.1	25.6	61.5	58.4	35.9	23.3	58.6	55.7	28.7	20.8	55.9	53.3
	45°	600	28.1	16.8	59.3	57.1	22.7	15.0	57.1	55.0	17.4	13.0	55.1	53.2
		800	33.3	20.4	61.6	58.9	26.8	18.3	59.0	56.5	20.6	16.0	56.7	54.4
		1000	36.9	23.4	63.5	60.4	29.8	21.0	60.7	57.8	23.0	18.5	58.0	55.4
BVX-03	40°	900	49.5	28.5	55.9	54.2	41.2	25.9	53.6	52.0	33.0	23.0	51.6	50.2
		1200	58.3	34.5	58.6	56.4	48.3	31.3	56.1	54.1	38.8	27.9	53.7	51.9
		1500	64.6	39.4	60.9	58.4	53.8	36.0	58.0	55.7	43.0	31.9	55.5	53.3
	45°	900	42.4	25.8	58.7	57.0	34.3	23.1	56.5	54.9	26.3	20.1	54.5	53.1
		1200	49.9	31.4	61.0	58.9	40.3	28.1	58.5	56.5	30.8	24.6	57.6	54.4
		1500	55.4	36.1	62.9	60.4	44.8	32.5	60.1	57.8	34.4	28.4	51.6	55.4
BVX-04	40°	1200	65.9	38.1	55.9	54.2	55.0	34.5	53.6	52.0	44.1	30.6	51.6	50.2
		1600	77.8	46.0	58.6	56.5	64.4	41.7	56.1	54.1	51.8	37.1	53.7	51.9
		2000	86.1	52.5	60.9	58.4	71.4	48.0	58.0	55.7	57.3	42.5	55.5	53.3
	45°	1200	56.5	34.4	58.7	57.0	45.7	30.7	56.5	54.9	35.0	26.8	54.5	53.1
		1600	66.5	41.9	61.0	58.9	53.8	37.5	58.5	56.5	41.1	32.8	56.2	54.4
		2000	73.9	48.2	62.9	60.4	59.7	43.4	60.1	57.8	45.9	37.9	57.6	55.4
BVX-05	40°	1500	82.8	47.7	55.8	54.1	69.1	43.3	53.5	51.9	55.6	38.4	51.5	50.1
		2000	98.3	58.0	58.4	56.3	81.5	52.5	55.9	53.9	65.3	46.7	53.6	51.8
		2500	109.1	66.2	60.7	58.2	91.0	60.5	57.8	55.5	73.0	53.7	55.3	53.1
	45°	1500	71.1	43.2	58.6	56.9	57.5	38.6	56.4	54.8	44.2	33.7	54.4	53.0
		2000	84.3	52.8	60.8	58.7	67.7	47.1	58.4	56.4	51.9	41.2	56.1	54.3
		2500	93.9	60.8	62.7	60.2	75.3	54.5	60.0	57.7	58.1	47.7	57.5	55.3
BVX-7.5	40°	2250	123.6	71.4	55.9	54.2	103.1	64.7	53.6	52.0	82.6	57.4	51.6	50.2
		3000	143.9	85.3	58.9	56.7	119.9	77.5	56.3	54.2	96.3	69.0	53.9	52.0
		3750	159.1	96.9	61.3	58.6	133.3	88.7	58.3	55.8	106.5	78.9	55.7	53.4
	45°	2250	106.0	64.5	58.7	57.0	85.7	57.6	56.5	54.9	65.7	50.3	54.5	53.1
		3000	123.8	77.8	61.2	59.0	99.9	69.7	58.7	56.6	76.3	60.8	56.4	54.5
		3750	137.5	89.1	63.2	60.5	110.7	80.1	60.4	57.9	85.1	70.3	57.8	55.5
BVX-10	40°	3000	166.6	95.8	55.7	54.0	139.1	87.0	53.4	51.8	110.8	76.8	51.5	50.1
		4000	195.3	115.1	58.6	56.4	163.1	104.6	56.0	53.9	130.5	92.9	53.7	51.8
		5000	216.7	130.3	61.1	58.3	179.3	118.3	58.3	55.7	143.3	105.2	55.7	53.3
	45°	3000	143.1	86.7	58.5	56.8	115.0	77.2	56.4	54.8	84.4	67.4	54.4	53.0
		4000	167.4	104.6	61.0	58.8	135.4	93.7	58.5	56.5	103.9	82.0	56.2	54.3
		5000	184.7	118.8	63.2	60.4	149.2	106.8	60.4	57.8	114.8	93.7	57.8	55.4

SMALL VERTICAL - 2 thru 10 TONS

HEATING CAPACITIES FOR USING STANDARD WATER COIL (2 PIPE SYSTEM)

GPM	PD FT	120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE								
		TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F			
BVW-02		600 CFM			800CFM			1000 CFM			600 CFM			800CFM			1000 CFM			600 CFM			800CFM			1000 CFM		
2.4	0.80	26	99.1	98.7	30	94.0	95.3	33	90.4	92.4	39	118.9	117.9	45	111.0	112.9	50	105.6	108.5	51	138.4	137.2	60	128.2	130.4	66	120.8	124.7
4.8	3.2	28	100.9	108.3	34	98.5	106.0	39	95.6	103.9	42	124.7	132.7	51	117.9	129.0	58	113.2	125.8	56	146.2	156.5	67	137.2	152.0	77	131.0	147.7
7.2	7.19	29	100.6	111.9	35	100.4	110.2	41	97.2	108.7	44	127.0	137.8	53	120.6	135.3	61	116.1	133.0	59	150.0	163.7	70	140.7	160.4	81	134.7	157.4
BVW-03		900 CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM		
4.8	1.80	41	1020	102.8	49	97.5	99.6	55	93.8	97.0	62	123.0	124.2	74	116.3	119.3	83	110.8	115.4	83	144.1	145.6	98	135.0	139.1	110	127.5	134.0
7.2	4.04	43	104.2	108.0	52	100.0	105.5	60	96.6	103.4	65	126.4	131.9	79	120.4	128.1	90	114.9	125.1	87	148.3	155.9	105	104.4	150.8	120	133.1	146.8
9.6	7.19	44	105.3	110.7	54	101.2	108.8	62	98.0	107.0	67	128.0	136.1	81	122.0	133.1	93	117.1	130.5	90	151.4	161.3	108	142.8	157.4	125	136.2	154.0
BVW-04		1200 CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM		
7.2	3.02	56	102.9	104.4	67	98.2	101.5	76	94.7	99.0	84	124.3	126.6	101	117.7	122.1	114	112.1	118.5	112	145.7	148.9	134	137.0	142.7	152	129.5	137.9
9.6	5.37	58	104.3	107.9	70	100.1	105.4	80	96.9	103.3	88	127.0	131.7	106	120.6	128.0	120	115.2	124.9	116	149.0	155.7	141	140.6	150.7	160	133.6	146.6
12.0	7.74	59	105.0	110.2	72	101.0	108.1	83	97.9	106.2	89	128.0	135.2	108	121.8	132.0	124	116.9	129.3	118	150.4	160.3	144	142.3	156.1	166	135.9	152.4
BVW-05		1500 CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM		
9.6	3.33	71	103.1	105.3	85	99.1	102.2	97	95.7	99.7	107	125.1	127.8	129	119.0	123.2	146	113.5	119.6	142	146.7	150.7	172	138.7	144.3	195	131.4	139.5
12.0	5.21	73	104.5	107.9	88	100.4	105.3	100	96.8	103.3	110	127.0	131.7	133	120.8	127.9	151	115.3	124.9	146	149.1	155.7	177	141.0	150.6	201	133.8	146.5
14.4	7.50	74	105.1	109.8	90	101.1	107.5	103	97.9	105.7	111	128.0	134.6	135	122.0	131.2	155	116.8	128.5	148	150.3	159.5	180	142.7	155.0	207	135.8	151.3
BVW-7.5		2250 CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM		
12.0	2.78	103	102.0	102.8	124	97.8	99.4	139	94.1	96.8	155	123.0	124.2	186	116.8	119.0	209	111.1	115.2	207	144.2	145.6	247	135.6	138.8	279	128.2	133.6
18.0	6.63	108	103.9	108.0	130	99.8	105.5	150	96.6	103.4	162	126.2	132.0	196	119.9	128.2	224	114.8	125.1	216	148.1	156.0	262	140.0	150.9	299	133.0	146.8
24.0	11.12	110	105.0	110.8	134	101.0	108.8	155	98.0	107.1	166	127.7	136.2	202	121.8	133.2	233	117.1	130.6	221	150.0	161.6	269	142.3	157.6	311	136.0	154.1
BVW-10		3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM		
18.0	3.28	148	105.1	103.6	179	101.0	100.1	205	97.6	97.2	223	128.0	125.3	269	121.8	120.1	308	116.5	115.8	296	150.6	147.1	360	142.5	140.0	410	135.2	134.4
24.0	7.39	153	106.8	107.3	187	102.9	104.4	216	99.5	102.0	230	130.2	130.9	281	124.4	126.6	325	119.5	123.0	305	153.4	154.6	375	146.0	148.8	432	139.3	144.0
36.0	13.14	158	108.3	111.2	195	104.7	109.2	228	101.8	107.3	237	132.3	136.9	293	127.2	133.7	342	122.7	131.0	317	157.0	162.4	392	149.8	158.2	456	143.6	154.7

Capacities calculated and based on entering air temperature of 60°. Units not recommended for heating applications when leaving air exceeds 140°.

HOT WATER HEATING CORRECTION FACTORS

ENTERING AIR TEMP (F)	ENTERING WATER TEMP (F)								
	100	110	120	130	140	150	160	170	180
50	.419	.500	.579	.665	.742	.838	.917	1.000	1.090
55	.376	.460	.544	.629	.708	.719	.873	.963	1.048
60	.335	.419	.500	.579	.665	.742	.838	.917	1.000
65	.290	.376	.460	.544	.629	.708	.791	.873	.963
70	.251	.335	.419	.500	.579	.665	.742	.838	.917
75	.205	.209	.376	.460	.544	.629	.708	.791	.873
80	.167	.251	.335	.419	.500	.579	.665	.742	.838

SMALL VERTICAL - 2 thru 10 TONS

HOT WATER 2 ROW CAPACITIES (4 PIPE SYSTEM)

GPM	PD FT	120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE								
		TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F
BVW-02		600 CFM			800CFM			1000 CFM			600 CFM			800CFM			1000 CFM			600 CFM			800CFM			1000 CFM		
2.0	1.38	19	89.7	100.6	22	85.7	97.6	25	82.7	95.2	29	104.6	120.8	34	98.5	116.4	37	119.3	114.2	39	119.3	114.2	45	111.4	135.2	50	105.5	130.4
3.0	3.11	21	92.1	106.0	25	88.2	103.6	28	85.4	101.5	32	108.3	128.9	37	102.4	125.3	41	98.0	122.4	42	124.5	151.9	49	116.6	147.1	55	110.8	143.1
4.0	7.00	22	93.2	109.1	26	98.6	107.1	29	86.6	105.5	33	109.8	133.7	39	104.7	130.5	44	100.1	123.0	44	126.9	158.1	52	119.2	154.2	58	113.5	150.8
BVW-03		900 CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM			900 CFM			1200 CFM			1500 CFM		
3.0	3.11	26	86.9	102.4	30	83.2	99.7	33	80.5	97.7	39	100.1	123.8	45	94.7	119.7	50	90.6	116.7	53	113.5	145.0	60	106.2	139.7	67	100.9	135.4
4.0	7.00	28	88.0	106.2	32	84.7	103.8	36	82.0	102.0	41	102.0	129.4	48	96.8	125.9	54	92.7	123.2	55	116.1	152.5	64	109.2	147.8	72	103.9	144.1
5.0	8.64	29	89.1	108.6	33	85.6	106.6	38	83.0	104.9	43	103.6	132.9	50	98.2	130.0	56	94.3	127.6	57	118.1	157.2	67	111.2	153.2	75	105.9	150.0
BVW-04		1200 CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM			1200 CFM			1600 CFM			2000 CFM		
4.0	.75	32	84.7	103.8	37	81.2	101.5	41	78.9	99.4	48	97.1	125.7	55	91.8	122.3	62	88.3	119.1	65	109.7	147.5	74	102.4	143.0	82	97.8	138.8
6.0	1.68	.35	86.9	108.3	41	83.5	106.3	46	81.3	104.6	53	100.5	132.3	61	95.2	129.5	69	91.7	126.9	71	113.9	156.5	82	107.0	152.7	92	102.2	149.3
8.0	3.78	37	88.0	110.8	43	84.6	109.3	49	82.3	107.9	55	102.0	136.2	64	96.7	134.0	73	93.3	131.8	73	116.1	161.6	85	109.0	158.6	97	104.3	155.8
BVW-05		1500 CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM			1500 CFM			2000 CFM			2500 CFM		
6.0	.33	41	85.3	106.2	47	81.7	104.3	52	79.0	102.7	62	97.9	129.3	71	92.4	126.4	78	88.5	124.1	83	110.5	152.5	94	103.3	148.6	103	97.9	145.6
12.0	.99	47	88.6	112.2	54	85.5	110.9	61	82.3	109.8	70	102.8	138.3	81	97.4	136.4	91	93.4	134.8	94	117.2	164.4	109	109.8	161.9	122	104.7	159.7
18.0	2.20	48	89.5	114.6	57	86.1	113.7	63	83.2	113.0	72	104.3	142.0	85	99.0	140.5	96	95.0	139.4	97	119.5	169.2	113	111.8	167.4	128	106.9	165.8
BVW-7.5		2250 CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM			2250 CFM			3000 CFM			3750 CFM		
9.0	.53	67	87.4	105.1	78	83.7	102.8	85	80.9	101.0	101	101.0	127.6	116	95.6	124.2	128	91.3	121.5	134	114.6	150.2	155	107.4	145.6	171	101.8	142.0
18.0	1.97	75	90.7	116.6	89	87.2	110.1	100	84.5	108.9	113	106.0	137.5	133	100.8	135.2	150	96.6	133.4	148	120.5	163.5	177	114.2	160.3	200	108.9	157.8
27.0	4.43	78	91.8	114.2	93	88.5	113.1	105	87.5	112.2	118	107.9	141.3	139	102.5	139.7	158	98.6	138.3	156	123.4	168.5	187	117.0	166.7	209	111.1	164.5
BVW-10		3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM		
10.0	.72	90	87.4	102.1	103	83.6	99.4	114	80.8	97.3	134	101.0	123.2	155	95.5	119.0	171	91.3	115.9	179	114.7	144.2	206	107.2	138.8	227	101.7	134.5
20.0	3.63	101	90.9	109.9	119	87.2	108.1	134	84.6	106.6	151	106.1	134.9	177	100.8	132.2	201	96.9	129.9	201	121.6	159.9	237	114.4	156.3	268	109.2	153.2
30.0	6.45	105	92.1	113.0	125	88.7	117.7	142	86.1	110.5	158	108.3	139.5	188	103.0	137.5	214	92.2	135.7	209	123.8	166.8	250	117.4	163.3	284	112.1	161.1

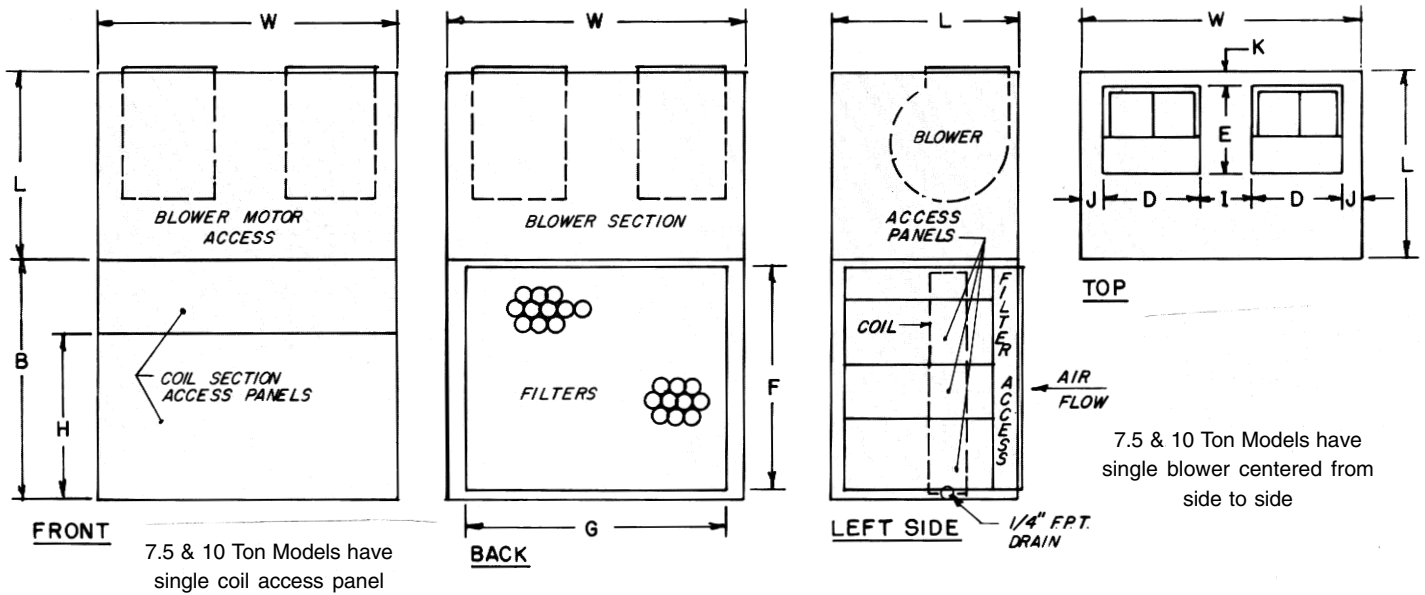
Capacities calculated and based on entering air temperature of 60°. Units not recommended for heating applications when leaving air exceeds 140°.

HOT WATER HEATING CORRECTION FACTORS

ENTERING AIR TEMP (F)	ENTERING WATER TEMP (F)								
	100	110	120	130	140	150	160	170	180
50	.419	.500	.579	.665	.742	.838	.917	1.000	1.090
55	.376	.460	.544	.629	.708	.719	.873	.963	1.048
60	.335	.419	.500	.579	.665	.742	.838	.917	1.000
65	.290	.376	.460	.544	.629	.708	.791	.873	.963
70	.251	.335	.419	.500	.579	.665	.742	.838	.917
75	.205	.209	.376	.460	.544	.629	.708	.791	.873
80	.167	.251	.335	.419	.500	.579	.665	.742	.838

LARGE VERTICAL - 7.5 - 20 tons

FAN SECTION SHIPS SEPARATELY FROM COIL SECTION
 (6) DISCHARGE ARRANGEMENTS AVAILABLE BY ROTATING FAN SECTION



CABINET DIMENSIONS

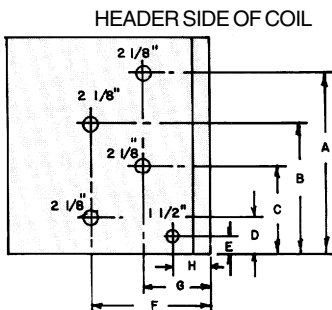
MODEL	W	B	L	D	E	F	G	H	I	J	K
BMW-7.5 & 10	50"	34 1/2"	34"	19 1/8"	16 3/8"	32"	44"	-	-	15 7/16"	1 1/8"
BMW-15 & 20	72"	47 1/2"	34"	16"	16"	45"	66"	34"	12"	14"	1 1/8"

SPECIFICATIONS

MODEL	FACE AREA SQ. FT.	NOM. RATING IN TONS	ROWS/TUBE	STANDARD MOTOR			BLOWER	2" FILTER THROWAWAY	*4 ROW CONNECTIONSS	EST. SHIP WT.
				VOLTS	PHASE	H.P.				
BMW-7.5	6.94	7 1/2	4 / 1/2	3/4	230	1	A15	4-16x25	1 1/8" O.D.	584
BMW-10	8.33	10	4 / 1/2	1	115/230	1	A15	4-16x25	1 3/8" O.D.	584
BMW-15	12.5	15	4 / 1/2	1 1/2	230/460	3	2-A15-12	2-16x20 2-20x20	1 3/8" O.D.	844
BMW-20	17.7	20	4 / 1/2	2	230/460	3	2-A15-12	2-16x25 2-20x25	2-1 5/8" O.D.	890

* Contact factory for 6 Row Connections

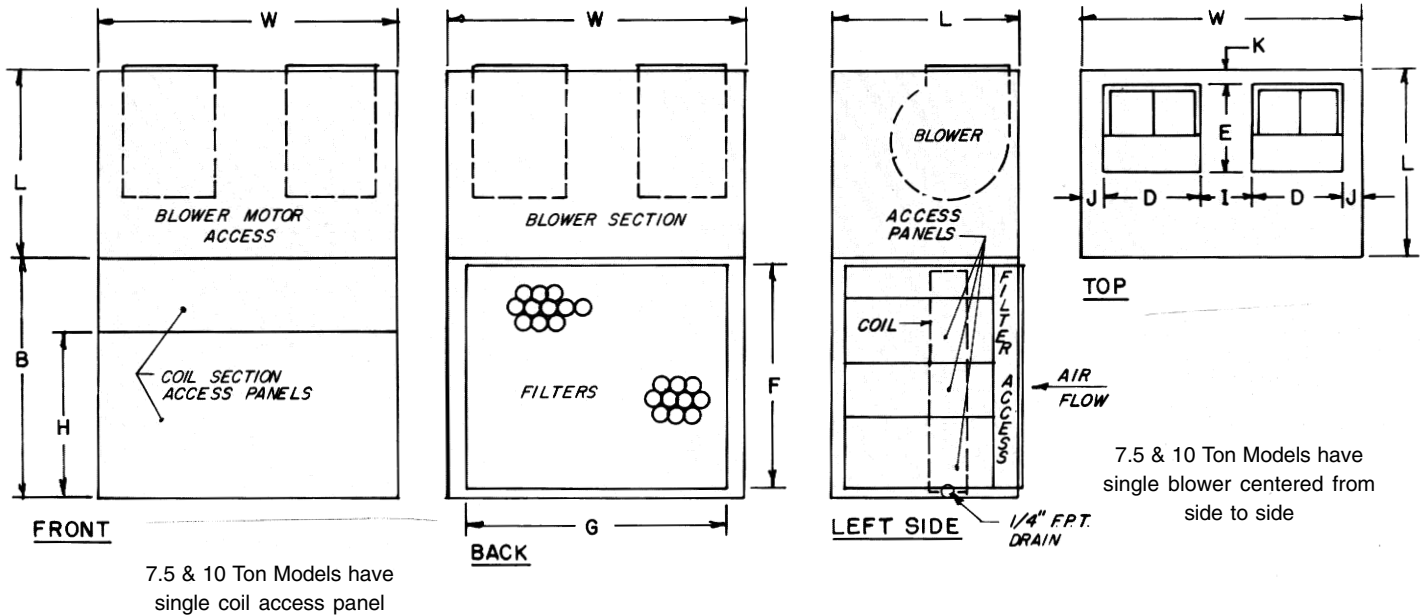
LEFT SIDE OF UNIT COIL SECTION CONNECTION LOCATIONS - APPROXIMATE ONLY



MODEL	A	B	C	D	E	F	G	H
BMW-7.5	28"	-	-	4"	1 7/8"	11 3/4"	9 3/8"	8 1/2"
BMW-10	28"	-	-	4"	1 7/8"	11 3/4"	9 3/8"	8 1/2"
BMW-15	27 7/8"	17 1/8"	15 1/2"	4 1/2"	2"	13"	9 3/4"	10 3/8"
BMW-20	27 7/8"	17 1/8"	15 1/2"	4 1/2"	2"	13"	9 3/4"	10 3/8"

LARGE VERTICAL - 7.5 - 20 tons

FAN SECTION SHIPS SEPARATELY FROM COIL SECTION
(6) DISCHARGE ARRANGEMENTS AVAILABLE BY ROTATING FAN SECTION



CABINET DIMENSIONS

MODEL	W	B	L	D	E	F	G	H	I	J	K
BMX-7.5 & 10	50"	34 1/2"	34"	19 1/8"	16 3/8"	32"	44"	-	-	15 7/16"	1 1/8"
BMX-15 & 20	72"	47 1/2"	34"	16"	16"	45"	66"	34"	12"	14"	1 1/8"

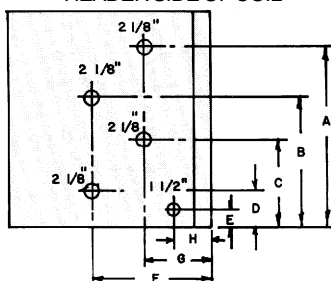
SPECIFICATIONS

MODEL	FACE AREA SQ. FT.	NOM. RATING IN TONS	ROWS/TUBE	STANDARD MOTOR VOLTS PHASE		H.P.	BLOWER	2" FILTER THROW.	FREON CONNECTIONS LIQUID LINE	SUCTION LINE	MAN.	EST. SHIP WT.
BMX-7.5	6.66	7 1/2	3/1/2	3/4	230	1	A15	4-16x25	5/8" O.D.	1 1/8" O.D.	-	571
BMX-10	8.88	10	3/1/2	1	115/230	1	A15	4-16x25	5/8" O.D.	1 3/8" O.D.	-	588
BMX-15	13.33	15	3/1/2	1 1/2	230/460	3	2-A15-12	2-16x20 2-20x20	2-5/8" O.D.	2-1 5/8" O.D.	-	841
BMX-20	16.66	20	3/1/2	2	230/460	3	2-A15-12	2-16x25 2-20x25	2-5/8" O.D.	2-1 5/8" O.D.	-	895

* Contact factory for 6 Row Connections

LEFT SIDE OF UNIT COIL SECTION CONNECTION LOCATIONS - APPROXIMATE ONLY

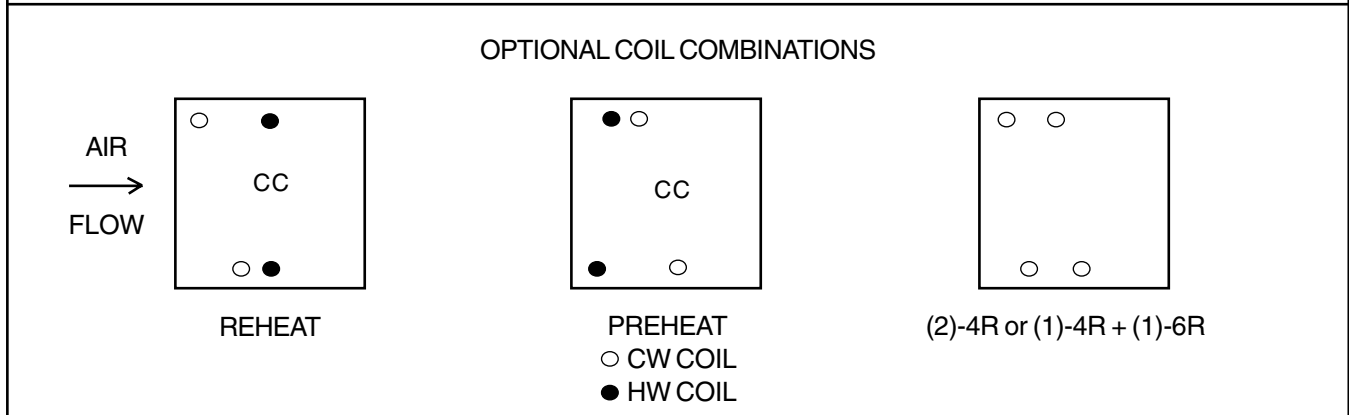
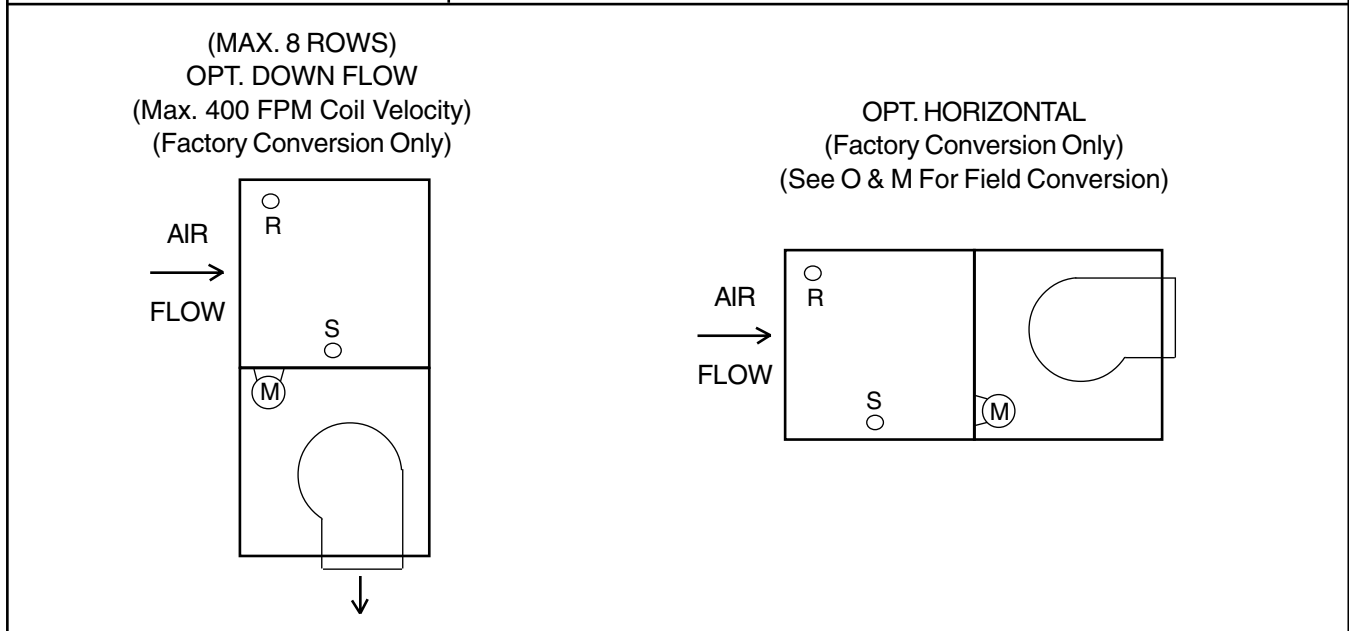
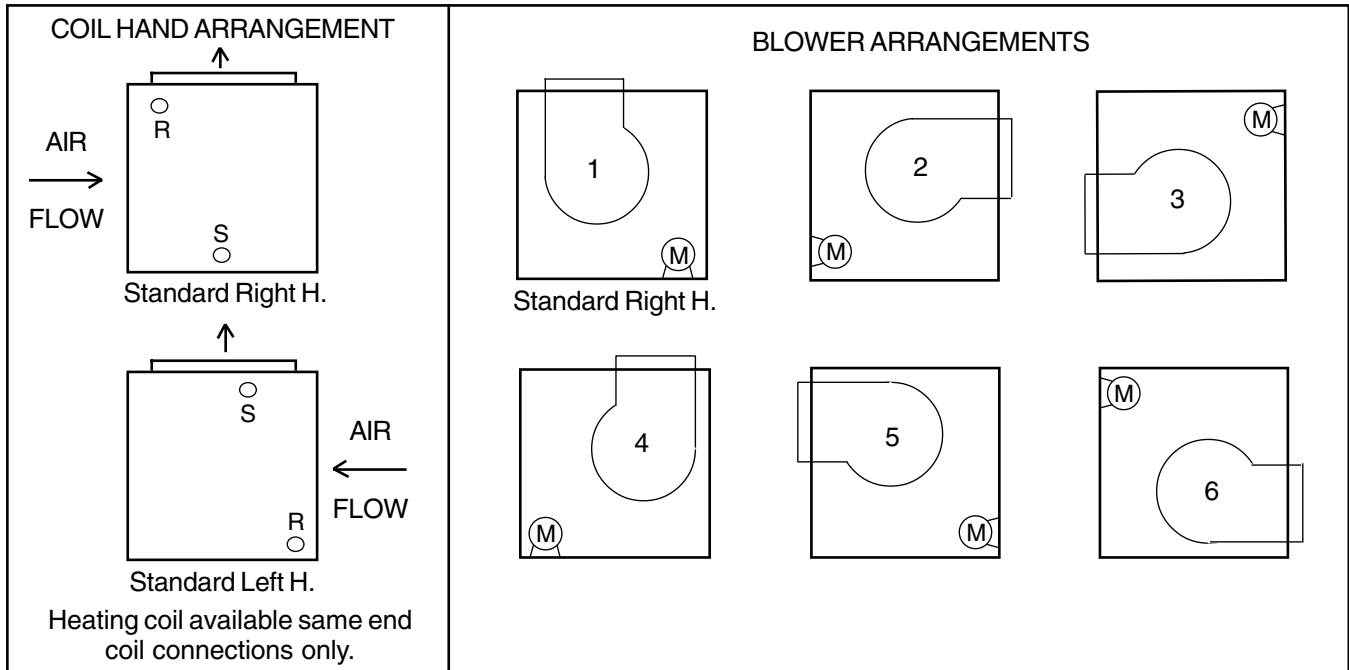
HEADER SIDE OF COIL



MODEL	A	B	C	D	E	F
BMX-7.5	11 1/2"	2"	4 1/2"	3"	-	-
BMX-10	11 1/2"	2"	4 1/2"	3"	-	-
BMX-15	12 3/4"	1 7/8"	4"	6"	19 1/4"	21 1/4"
BMX-20	12 3/4"	1 7/8"	4"	6"	19 1/4"	21 1/4"

LARGE VERTICAL - 7.5 - 20 tons

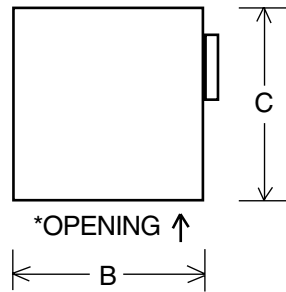
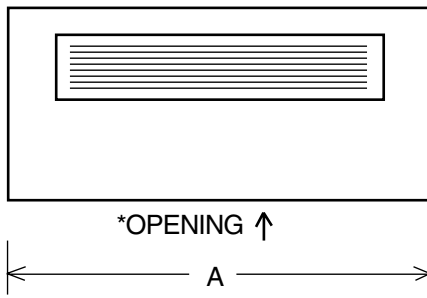
BLOWER & COIL ARRANGEMENTS



LARGE VERTICAL - 7.5 - 20 tons

OPTIONAL ACCESSORIES

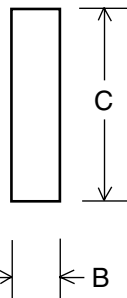
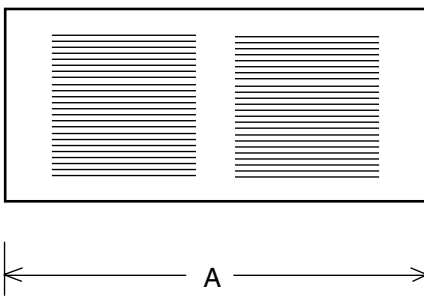
DISCHARGE GRILLE PLENUM (Adjustable four way deflection)



NOT AVAILABLE
WITH ELECTRIC HEAT

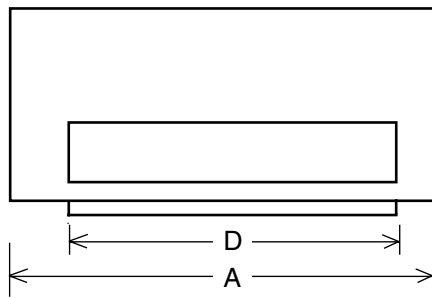
MODEL	A	B	C	WT
7.5 - 10	50.0	34.0	26.5	90
15 - 20	72.0	34.0	36.0	240

RETURN AIR GRILLE (Fabricated of Expanded Metal)



MODEL	A	B	C	WT
7.5 - 10	48.0	2.0	32.0	19
15 - 20	66.0	2.0	45.0	24

MIXING BOX (Low leak dampers)



*OPENING →



MODEL	A	B	C	D	E	F	G	WT
7.5 - 10	48.0	20.0	32.0	46.0	12.0	10.0	3.5	131
15 - 20	66.0	22.0	45.0	64.0	14.0	15.0	3.5	201

*Unit side connection

LARGE VERTICAL - 7.5 - 20 tons

3/4 ROW COIL – WATER OR DX – NO HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25" ESP		.50" ESP		.75 ESP		1.00" ESP		1.25" ESP		1.50" ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BMW-7.5 BMX-7.5	.18	2250	448	.33	563	.46	667	.60	753	.72	831	.86	911	1.00
	.24	2625	487	.42	585	.56	681	.70	761	.85	837	1.01	912	1.15
	.30	3000	525	.54	611	.69	697	.84	771	1.01	845	1.16	917	1.31
	.37	3375	559	.69	636	.84	717	1.00	788	1.17	858	1.33	926	1.50
	.45	3750	597	.87	671	1.04	741	1.21	808	1.39	876	1.59	936	1.80
BMW-10 BMW-10	.30	3000	521	.56	607	.78	693	.84	769	1.00	843	1.16	971	1.31
	.39	3500	569	.74	646	.90	722	1.09	786	1.30	852	1.51	928	1.60
	.49	4000	619	1.00	692	1.18	755	1.36	820	1.55	885	1.77	950	1.98
	.61	4500	674	1.39	740	1.55	802	1.77	850	1.98	921	2.42	979	2.64
	.75	5000	733	1.78	791	2.00	849	2.22	907	2.51	967	2.77	1017	3.00
BMW-15 BMW-15	.33	5000	514	.88	613	1.07	689	1.50	766	1.82	842	1.93	918	2.26
	.40	5500	546	1.08	629	1.36	711	1.64	782	1.94	854	2.26	923	2.58
	.45	6000	567	1.28	648	1.60	725	1.91	793	2.22	861	2.52	928	2.82
	.52	6500	593	1.58	671	1.89	746	2.22	811	2.53	876	2.84	939	3.22
	.60	7000	625	1.86	705	2.24	766	2.55	833	2.86	893	3.26	955	3.68
BMW-20 BMW-20	.38	7000	564	1.60	640	1.96	712	2.27	776	2.58	839	2.90	903	3.29
	.42	7500	587	1.89	660	2.21	728	2.52	790	2.83	850	3.25	910	3.68
	.48	8000	614	2.19	686	2.54	749	2.89	809	3.27	867	3.68	926	4.21
	.54	8500	642	2.54	702	2.90	769	3.36	827	3.86	884	4.36	941	4.86
	.60	9000	672	2.92	733	3.39	791	3.87	846	4.36	902	4.84	959	5.44

3/4 ROW COIL – WATER OR DX – ADD 2 ROW HEATING COIL

MODEL	INTERNAL S.P.	CFM	.25" ESP		.50" ESP		.75 ESP		1.00" ESP		1.25" ESP		1.50" ESP	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
BMW-7.5 BMX-7.5	.3	2250	474	.35	5.83	.48	688	.61	769	.73	850	.89	926	1.04
	.31	2625	519	.46	615	.59	706	.73	776	.89	861	1.05	932	1.29
	.38	3000	549	.58	637	.73	720	.89	793	1.05	865	1.21	939	1.36
	.48	3375	597	.76	675	.92	748	1.08	818	1.25	889	1.41	955	1.61
	.57	3750	632	.95	705	1.12	773	1.30	841	1.48	907	1.70	968	1.91
BMW-10 BMW-10	.38	3000	548	.58	634	.74	718	.89	793	1.05	867	1.22	939	1.40
	.50	3500	603	.80	681	.97	752	1.14	821	1.32	889	1.49	955	1.70
	.64	4000	662	1.12	731	1.30	795	1.48	859	1.69	923	1.91	980	2.13
	.79	4500	720	1.49	781	1.71	843	1.92	902	2.15	962	2.41	1016	2.67
	.97	5000	782	1.97	841	2.23	900	2.50	952	2.76	1011	3.00	1059	3.27
BMW-15 BMW-15	.44	5000	556	1.00	644	1.25	724	1.50	800	1.79	876	2.07	946	2.39
	.52	5500	585	1.17	669	1.45	746	1.78	817	2.05	889	2.37	949	2.69
	.60	6000	616	1.49	697	1.79	766	2.10	834	2.40	903	2.70	965	3.05
	.69	6500	651	1.80	724	2.12	789	2.43	855	2.74	920	3.07	980	3.53
	.79	7000	688	2.15	753	2.16	815	2.47	878	2.78	939	3.56	1000	4.00
BMW-20 BMW-20	.47	7000	589	1.71	666	2.06	735	2.38	798	2.68	862	3.00	924	3.44
	.53	7500	616	2.04	691	2.37	754	2.69	815	3.00	876	3.44	936	3.86
	.59	8000	644	2.36	712	2.70	772	3.03	833	3.45	893	3.87	951	4.39
	.68	8500	677	2.69	742	3.11	800	3.52	858	3.87	917	4.54	976	5.16
	.76	9000	711	3.22	768	3.71	825	4.19	881	4.68	938	5.21	993	5.85

LARGE VERTICAL - 7.5 - 20 tons

CHILLED WATER PERFORMANCE – STANDARD COIL

MODEL NO	ENT. AIR	GPM	P.D. FT.	CFM	85° DB/71° WB ENT. AIR					80° DB/67° WB ENT. AIR					75° DB/63° WB ENT. AIR				
					TOTAL MBH	SENS MBH	LVG AIR F°		LMT °F	TOTAL MBH	SENS MBH	LVG AIR F°		LMT F	TOTAL MBH	SENS MBH	LVG AIR F°		LMT F
							DB	WB				DB	WB				DB	WB	
BMW-7.5	45°	9.0	1.44	2250	75.0	52.5	63.6	61.6	61.7	61.8	48.1	60.4	58.6	58.7	50.0	43.1	57.4	55.7	56.1
				3000	81.3	62.5	65.9	63.5	63.1	68.1	57.5	62.4	60.2	60.6	55.1	51.9	59.1	57.1	57.3
				2750	86.5	71.1	67.6	64.7	64.2	72.4	65.4	64.0	61.3	61.1	67.5	67.5	58.5	57.2	60.0
		18.0	5.83	2250	97.5	60.6	60.3	58.3	55.8	80.5	54.9	57.6	55.8	53.9	62.2	48.0	55.4	53.7	51.9
				3000	110.3	72.3	62.9	60.5	57.3	90.9	65.7	59.9	57.7	55.1	70.6	58.2	57.2	55.2	52.8
				2750	122.4	82.9	64.7	61.8	58.6	99.2	74.8	61.7	59.0	56.0	79.7	67.0	58.6	56.1	53.9
	24.8	10.63	2250	105.8	63.5	59.1	57.1	53.5	85.1	56.9	56.8	55.0	51.9	65.1	49.3	54.9	53.2	50.3	
			3000	121.5	76.2	61.7	59.3	54.8	97.0	68.0	59.2	57.0	52.8	77.1	60.8	56.4	54.4	51.2	
			2750	137.0	87.8	63.5	60.6	56.0	110.2	78.8	60.7	58.0	53.9	85.0	69.5	58.0	55.5	51.9	
BMW-10	45°	12.0	1.44	3000	98.6	69.3	63.8	61.8	61.4	81.9	63.8	60.5	58.7	58.7	66.2	57.2	57.5	55.8	56.0
				4000	107.5	82.4	66.1	63.6	62.9	90.2	75.8	62.6	60.3	60.0	73.0	68.5	59.3	57.1	57.2
				5000	114.5	93.2	67.9	64.8	64.1	95.7	85.6	64.3	61.4	60.9	80.0	80.0	60.3	57.9	61.3
		24.0	5.83	3000	129.2	80.4	60.4	58.4	55.8	103.9	71.9	58.0	56.2	53.7	82.7	64.1	55.4	53.7	51.9
				4000	147.0	95.9	63.0	60.5	57.3	121.5	87.2	60.0	57.7	55.1	98.3	78.0	57.1	54.9	53.2
				5000	162.8	109.5	64.9	61.8	58.6	136.0	100.3	61.6	58.7	56.3	106.7	89.4	58.6	56.0	53.9
	33.0	10.63	3000	141.2	84.7	59.1	57.1	53.6	113.3	75.9	56.8	55.0	51.9	86.8	65.7	54.9	53.2	50.3	
			4000	161.3	100.7	61.9	59.4	54.8	133.8	92.0	58.9	56.6	53.1	103.8	80.7	56.5	54.3	51.3	
			5000	181.8	116.1	63.7	60.6	56.0	146.1	104.1	60.9	58.0	53.9	118.8	93.7	57.8	55.2	52.2	
BMW-15	45°	20.0	2.13	5000	163.5	114.9	63.9	61.8	61.4	135.7	104.6	60.8	58.8	58.6	110.2	94.8	57.6	55.8	56.0
				6000	175.8	128.2	65.4	62.9	62.6	143.4	117.0	62.1	59.8	59.3	115.5	105.3	58.9	56.7	56.5
				7000	182.4	139.6	66.7	63.8	63.2	152.4	128.2	63.2	60.5	60.2	124.1	115.9	59.8	57.3	57.4
		32.0	6.04	5000	202.0	128.6	61.4	59.3	57.6	162.7	114.9	58.9	56.9	55.2	131.3	103.5	56.0	54.2	53.2
				6000	216.4	142.5	63.2	60.7	58.5	179.2	130.1	60.1	57.8	56.2	139.8	114.5	57.5	55.3	53.7
				7000	231.5	155.6	64.6	61.7	59.5	187.5	140.4	61.6	58.9	56.7	151.8	126.6	58.4	55.9	54.5
	44.0	11.01	5000	216.0	133.5	60.5	58.4	54.8	178.8	121.0	57.8	55.8	53.1	137.8	105.7	55.6	53.8	51.3	
			6000	240.0	150.4	62.0	59.5	55.9	192.5	134.7	59.4	57.1	53.8	154.5	120.3	56.6	54.4	52.0	
			7000	259.0	165.5	63.3	60.4	56.8	208.6	148.0	60.6	57.9	54.5	168.3	132.7	57.6	55.1	52.7	
BMW-20	45°	27.5	2.13	7000	225.4	159.4	64.1	62.0	61.4	186.1	145.7	60.9	58.9	58.5	152.8	132.7	57.6	55.8	56.1
				8000	237.2	172.6	62.2	62.8	62.2	202.4	160.4	61.6	59.4	59.7	159.0	143.8	58.5	56.5	56.6
				9000	241.3	183.4	66.3	63.6	62.6	205.6	169.7	62.7	60.2	60.0	165.7	154.0	59.3	57.0	57.1
		44.0	6.04	7000	281.7	179.3	61.5	59.4	57.8	227.4	161.0	58.9	56.9	53.3	183.4	144.2	56.1	54.3	53.3
				8000	293.6	192.7	62.9	60.5	58.3	244.8	176.1	59.8	57.6	56.1	190.3	156.1	57.1	55.1	53.6
				9000	310.9	207.0	63.9	61.2	59.1	259.2	189.3	60.7	58.2	56.8	201.5	166.8	58.0	55.7	54.2
	60.5	11.01	7000	302.9	186.9	60.5	58.4	55.0	250.3	169.4	57.8	55.8	53.3	192.2	148.0	55.6	51.8	51.4	
			8000	326.6	204.1	61.6	59.2	55.8	270.1	185.7	58.7	56.5	53.9	210.1	163.9	56.2	54.2	51.9	
			9000	346.4	218.7	62.7	60.0	56.5	279.6	197.2	59.9	57.4	54.2	224.5	176.6	57.0	54.7	52.4	

DX PERFORMANCE – STANDARD COIL

MODEL NO.			85°F DB/71°F WB ENT AIR				80°F DB/67°F WB ENT AIR				75°F DB/63°F WB ENT AIR			
	SUCT. TEMP	CFM	TOTAL MBH	SENS MBH	LVG. AIR °F		TOTAL MBH	SENS MBH	LVG. AIR °F		TOTAL MBH	SENS MBH	LVG. AIR °F	
					DB	WB			DB	WB			DB	WB
BMX-7.5	40°	2250	119.4	68.9	56.9	54.9	99.5	62.8	54.4	52.6	79.8	55.4	52.4	50.7
		3000	137.8	82.4	59.8	57.4	114.2	74.9	57.1	54.9	91.5	66.7	54.6	52.6
		3750	152.4	93.6	62.1	59.2	126.9	85.4	59.1	56.4	101.4	76.0	56.4	53.9
	45°	2250	102.8	62.5	59.5	57.5	82.5	55.9	57.2	55.4	63.9	48.8	55.1	53.4
		3000	118.3	75.2	62.0	59.6	94.6	67.4	59.4	57.2	73.0	59.2	56.9	54.9
		3750	130.4	85.8	64.0	61.1	105.3	77.3	61.1	58.4	80.8	67.8	58.4	55.9
BMX-10	40°	3000	158.4	91.6	57.0	55.0	132.0	83.4	54.5	52.7	105.6	73.6	52.5	50.8
		4000	183.8	109.4	59.9	57.4	152.3	99.4	57.2	54.9	122.0	88.1	54.8	52.6
		5000	201.8	123.2	62.4	59.3	167.8	112.7	59.4	56.5	135.2	100.8	56.5	53.9
	45°	3000	135.3	82.7	59.7	57.7	109.2	74.3	57.3	55.5	84.4	64.7	55.2	53.5
		4000	157.7	99.8	61.1	59.6	126.2	89.4	59.5	57.2	97.4	78.0	57.1	54.9
		5000	173.9	113.4	64.2	61.1	138.8	101.4	61.4	58.5	107.8	89.9	58.5	55.9
BMX-15	40°	5000	251.3	147.1	58.0	55.9	209.3	133.5	55.5	53.5	167.0	118.3	53.3	51.5
		6000	275.7	164.2	59.9	57.4	228.4	149.1	57.2	54.9	183.0	132.1	54.8	52.6
		7000	295.2	178.5	61.6	58.7	245.1	162.5	58.7	56.0	196.9	145.0	56.0	53.5
	45°	5000	215.3	133.5	60.5	58.4	173.7	119.4	58.1	56.1	134.1	104.6	55.8	54.0
		6000	236.5	149.7	62.1	59.6	189.3	134.1	59.5	57.2	146.0	117.1	57.1	54.9
		7000	252.3	163.3	63.6	60.7	202.5	146.5	60.8	58.1	156.9	128.9	58.1	55.6
BMX-200	40°	7000	348.1	204.5	58.2	56.1	289.2	185.4	55.7	53.7	231.8	164.8	53.4	51.6
		8000	370.1	220.6	59.7	57.3	306.7	200.6	57.0	54.8	246.2	178.8	54.5	52.5
		9000	392.9	236.4	60.9	58.2	327.6	215.8	58.0	55.5	260.4	191.3	55.5	53.2
	45°	7000	297.0	185.4	60.7	58.6	241.0	166.3	58.2	56.2	185.5	145.7	55.9	54.1
		8000	317.9	201.4	61.9	59.5	254.9	180.5	59.3	57.1	196.9	158.7	56.8	54.8
		9000	335.3	215.8	63.0	60.3	270.9	194.4	60.2	57.7	209.0	170.7	57.6	55.3

LARGE VERTICAL - 7.5 - 20 tons

HEATING CAPACITIES FOR STANDARD 3/4 ROW WATER COIL (2 PIPE SYSTEM)

GPM	PD FT	120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE								
		TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %			
BMW-7.5		2250 CFM			3000CFM			3750 CFM			2250 CFM			3000CFM			3750 CFM			2250 CFM			3000CFM			3750 CFM		
9.0	1.44	1.02	101.7	97.3	120	96.9	93.2	135	93.2	89.9	151	121.8	116.3	181	115.4	109.8	203	109.7	104.8	202	142.6	135.0	240	133.5	126.6	270	126.1	120.0
18.0	5.83	112	106.0	107.5	137	102.1	104.7	158	98.9	102.4	170	129.4	131.1	204	122.4	127.3	239	118.6	123.4	222	150.5	155.3	274	143.8	149.6	318	138.0	144.6
22.5	5.58	115	107.0	109.8	140	103.0	107.5	163	100.0	105.5	172	130.3	134.7	212	125.0	131.1	245	120.0	128.2	229	153.6	159.6	285	147.2	154.7	327	140.0	150.9
BMW-10		3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM		
12.0	1.44	134	101.2	97.5	158	96.4	93.5	177	92.6	90.4	200	121.2	116.6	238	114.7	110.2	266	108.9	105.5	276	141.7	135.5	316	132.6	127.2	355	125.2	120.7
24.0	5.83	149	105.6	107.6	181	101.6	104.9	208	98.3	102.6	225	128.8	131.2	270	121.9	127.5	315	117.9	123.7	294	150.1	155.5	362	143.1	149.8	421	137.2	144.9
30.0	8.58	152	106.5	109.9	186	102.8	107.5	215	99.5	105.6	229	130.0	134.7	280	124.3	131.3	326	119.8	128.3	304	153.0	159.7	376	146.4	154.9	433	139.4	151.1
BMW-15		5000 CFM			6000 CFM			7000 CFM			5000 CFM			6000 CFM			7000 CFM			5000 CFM			6000 CFM			7000 CFM		
19.2	1.97	220	100.4	97.1	244	97.3	94.6	265	94.8	92.4	327	120.0	115.9	367	116.2	111.7	398	112.2	108.5	439	140.6	134.3	488	134.6	129.2	531	129.6	124.7
32.0	60.4	238	103.8	105.1	269	101.2	103.1	296	98.9	101.4	355	125.2	127.8	396	120.6	125.2	447	118.6	122.1	476	147.3	150.2	533	141.5	146.7	595	138.0	142.8
40.0	8.88	244	104.8	107.8	275	102.2	106.2	306	100.2	104.7	369	127.7	131.5	414	123.3	129.3	458	120.1	127.1	490	150.0	155.5	556	145.0	152.2	612	140.3	149.4
BMW-20		7000 CFM			8000 CFM			9000 CFM			7000 CFM			8000 CFM			9000 CFM			7000 CFM			8000 CFM			9000 CFM		
26.4	1.97	303	99.8	97.0	328	97.6	95.1	350	95.7	93.5	458	120.0	115.3	494	116.7	112.6	524	113.5	110.3	610	139.9	133.8	656	135.3	130.3	695	130.9	127.3
44.0	60.4	329	103.2	105.0	360	101.3	103.6	386	99.4	102.4	490	124.2	127.7	533	121.1	125.8	585	119.6	123.4	658	146.2	150.1	715	142.0	147.5	780	139.5	144.5
55.0	8.88	337	104.2	107.7	372	102.7	106.5	400	100.8	105.4	510	126.8	131.5	556	123.9	129.8	596	120.8	128.3	684	149.6	155.1	747	145.7	152.8	801	141.7	150.9

Capacities calculated and based on entering air temperature of 60°. Units not recommended for heating applications when leaving air exceeds 140°.

HEATING CAPACITIES FOR STANDARD 2 ROW WATER COIL (4 PIPE SYSTEM)

GPM	PD FT	120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE								
		TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %	TOT MBH	LVG AIR %	LVG WTR %			
BMW-7.5 BMX-7.5		2250 CFM			3000CFM			3750 CFM			2250 CFM			3000CFM			3750 CFM			2250 CFM			3000CFM			3750 CFM		
3.2	.41	57	83.4	84.1	62	79.2	80.7	67	76.4	78.1	85	94.7	96.7	94	88.9	90.9	98	84.1	88.4	113	106.3	109.1	126	98.6	101.1	132	92.4	97.2
12.8	2.70	83	93.9	107.0	98	90.0	104.7	110	86.9	102.8	124	110.8	130.5	145	104.6	127.2	163	100.0	124.4	166	128.0	153.9	194	119.5	149.6	218	113.5	145.8
20.0	6.38	87	95.8	111.2	104	91.8	109.6	118	89.0	108.1	129	112.8	137.0	157	108.0	134.3	178	103.5	132.2	171	130.1	162.8	208	123.6	159.2	236	117.9	156.3
BMW-10 BMX-10		3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM			3000 CFM			4000 CFM			5000 CFM		
12.8	2.70	98	90.0	104.7	113	86.1	102.2	126	83.3	100.2	145	104.6	127.2	170	99.2	123.3	190	94.9	120.3	196	120.0	149.3	225	111.8	144.7	255	106.8	140.1
16.0	4.34	101	91.0	107.3	118	97.2	105.2	133	84.5	103.3	152	106.6	131.0	177	100.6	127.9	200	96.7	125.0	201	121.5	154.9	235	114.1	150.5	266	108.9	146.7
24.0	9.69	107	92.7	111.1	126	88.9	109.5	142	86.1	108.1	161	109.4	136.5	186	102.7	134.5	213	99.1	132.2	214	125.4	162.2	251	117.6	159.1	283	112.0	156.4
BMW-15 BMX-15		5000 CFM			6000 CFM			7000 CFM			5000 CFM			6000 CFM			7000 CFM			5000 CFM			6000 CFM			7000 CFM		
9.6	.75	130	83.9	92.9	139	81.4	90.9	149	79.5	89.0	194	95.6	109.6	209	92.0	106.4	223	89.3	103.5	259	107.7	125.9	280	102.8	121.6	299	99.2	117.7
19.2	2.47	155	88.5	103.8	170	86.1	102.2	184	84.1	100.8	230	102.3	126.0	256	99.2	123.3	275	96.1	121.3	309	116.7	147.8	339	111.8	144.7	371	108.6	141.4
30.0	5.83	166	90.5	108.9	184	88.1	107.7	200	86.3	106.6	250	105.9	133.3	270	101.4	131.9	299	99.3	130.0	331	120.8	157.9	366	116.0	155.6	398	112.2	153.5
BMW-20 BMX-20		7000 CFM			8000 CFM			9000 CFM			7000 CFM			8000 CFM			9000 CFM			7000 CFM			8000 CFM			9000 CFM		
12.8	.75	174	82.9	92.7	183	81.1	91.3	192	79.6	90.0	260	94.1	109.3	274	91.4	107.2	288	89.4	105.0	349	105.7	125.5	367	102.2	122.5	383	99.1	120.1
22.4	1.82	203	86.6	101.9	217	84.9	100.6	229	83.3	99.6	304	99.8	122.9	325	97.4	121.0	339	94.6	119.7	402	112.8	144.1	432	109.6	141.4	452	106.2	139.6
40.0	5.83	223	89.2	108.8	241	87.7	107.9	256	86.1	107.2	329	103.1	133.5	356	100.8	132.2	383	99.0	130.8	446	118.5	157.7	481	115.2	155.9	508	111.8	154.6

Capacities calculated and based on entering air temperature of 60°. Units not recommended for heating applications when leaving air exceeds 140°.

HOT WATER HEATING CORRECTION FACTORS

ENTERING AIR TEMP. (°F)	ENTERING WATER TEMPERATURE (°F)								
	100	110	120	130	140	150	160	170	180
50	.419	.500	.579	.665	.742	.838	.917	1.000	1.090
55	.376	.460	.544	.629	.708	.791	.873	.963	1.048
60	.335	.419	.500	.579	.665	.742	.838	.917	1.000
65	.290	.376	.460	.544	.629	.708	.791	.873	.963
70	.251	.335	.419	.500	.579	.665	.742	.838	.917
75	.205	.290	.376	.460	.544	.629	.708	.791	.873
80	.167	.251	.335	.419	.500	.579	.665	.742	.838

COIL DATA

To utilize Coil Company's Computer Selection Program to size a coil for any belt drive air handler, please refer to the tables below to gather the required information that you will need to operate the program.

COMPUTER PROGRAM DATA TO SIZE COILS FOR BELT DRIVE AIR HANDLING AND STOCK FAN COILS

HORIZONTAL - 4 ROW COILS - WATER					
MODEL	ROWS	FPI	TUBE DIA.	NO. OF CIR.	FACE AREA
BHW-02	4	10	3/8	6	16 x 18
BHW-03	4	10	3/8	8	16 x 27 1/2
BHW-04	4	10	3/8	10	20 x 29
BHW-05	4	10	3/8	13	20 x 36
BHW-7.5	4	10	1/2	10	25 x 43
BHW-10	4	10	1/2	12	30 x 46
BHW-15	4	12	1/2	18	35 x 55
BHW-20	4	10	1/2	22	42 1/2 x 60
HORIZONTAL - ALTERNATE - 6 ROW COILS - WATER					
BHW-02	6	10	3/8	6	16 x 18
BHW-03	6	10	3/8	8	16 x 27 1/2
BHW-04	6	10	3/8	10	20 x 29
BHW-05	6	10	3/8	12	20 x 36
BHW-7.5	6	10	1/2	15	25 x 43
BHW-10	6	10	1/2	18	30 x 46
BHW-15	6	10	1/2	28	35 x 55
BHW-20	6	10	1/2	24	42 1/2 x 60
HORIZONTAL - DX COILS - 4 ROWS					
BHX-02	3	10	3/8	4	16 x 18
BHX-03	3	10	3/8	6	16 x 27 1/2
BHX-04	3	10	3/8	6	20 x 29
BHX-05	3	10	3/8	10	20 x 36
BHX-7.5	3	10	3/8	12	24 x 43
BHX-10	3	10	3/8	16	32 x 46
BHX-15	3	10	3/8	18	36 x 55
BHX-20	3	10	3/8	20	40 x 60
HORIZONTAL - ALTERNATE - DX COILS - 6 ROWS					
BHX-02	6	10	3/8	6	16 x 18
BHX-03	6	10	3/8	8	16 x 27 1/2
BHX-04	6	10	3/8	10	20 x 29
BHX-05	6	10	3/8	12	20 x 36
BHX-7.5	6	10	3/8	15	25 x 43
BHX-10	6	10	3/8	18	30 x 46
BHX-15	6	12	3/8	28	35 x 55
BHX-20	6	10	3/8	24	42 1/2 x 60
HORIZONTAL - HOT WATER COILS - 2 ROWS					
BHW-02	2	10	1/2	2	12 1/2 x 18
BHW-03	2	10	1/2	3	12 1/2 x 27 1/2
BHW-04	2	10	1/2	5	17 1/2 x 29
BHW-05	2	10	1/2	7	17 1/2 x 36
BHW-7.5	2	10	1/2	9	22 1/2 x 43
BHW-10	2	10	1/2	11	27 1/2 x 46
BHW-15	2	10	1/2	14	35 x 55
BHW-20	2	10	1/2	16	42 1/2 x 60

VERTICAL - SMALL AND MEDIUM BELT DRIVE - DX					
MODEL	ROWS	FPI	TUBE DIA.	NO. OF CIR.	FACE AREA
BVW-02	3	10	3/8	4	2 (12 x 18)
BVW-03	4	10	3/8	6	2 (12 x 18)
BVW-04	4	10	3/8	6	2 (16 x 18)
BVW-05	4	10	3/8	8	2 (16 x 23)
BVW-7.5	4	10	3/8	12	2 (16 x 33)
BVW-10	4	10	3/8	16	2 (16 x 45)
VERTICAL - SMALL AND MEDIUM BELT DRIVE - DX					
BVX-02	3	12	3/8	6	2 (12 x 18)
BVX-03	3	12	3/8	8	2 (12 x 18)
BVX-04	3	12	3/8	10	2 (16 x 18)
BVX-05	3	12	3/8	12	2 (16 x 23)
BVX-7.5	3	12	3/8	16	2 (16 x 33)
BVX-10	3	10	1/2	12	2 (15 x 45)
VERTICAL - LARGE BELT DRIVE - WATER - 4 ROWS					
BVW-7.5	4	10	1/2	10	25 x 40
BVW-10	4	10	1/2	12	30 x 40
BVW-15	4	10	1/2	16	30 x 60
BVW-20	4	10	1/2	22	42 1/2 x 60
VERTICAL - LARGE BELT DRIVE - WATER - 6 ROWS					
BVW-7.5	6	10	1/2	10	25 x 40
BVW-10	6	10	1/2	14	30 x 40
BVW-15	6	10	1/2	18	30 x 60
BVW-20	6	10	1/2	24	42 1/2 x 60
VERTICAL - LARGE BELT DRIVE - DX - 3 ROWS					
BVX-7.5	3	10	3/8	12	24 x 40
BVX-10	3	10	3/8	12	32 x 40
BVX-15	3	10	3/8	16	32 x 60
BVX-20	3	10	3/8	20	40 x 60
VERTICAL - LARGE BELT DRIVE - DX - 6 ROWS					
BVX-7.5	6	10	3/8	12	24 x 40
BVX-10	6	10	3/8	16	32 x 40
BVX-15	6	10	3/8	16	32 x 60
BVX-20	6	10	3/8	20	40 x 60
VERTICAL - SMALL AND MEDIUM BELT DRIVE - HOT WATER COILS					
BVX/BVW-02	2	10	1/2	2	20 x 14 1/2
BVX/BVW-03	2	10	1/2	2	20 x 14 1/2
BVX/BVW-04	2	10	1/2	4	20 x 17 3/8
BVX/BVW-05	2	10	1/2	8	20 x 23
BVX/BVW-7.5	2	10	1/2	10	25 x 33
BVX/BVW-10	2	10	1/2	10	25 x 45 1/2
VERTICAL - LARGE BELT DRIVE - HW					
BVX/BVW-7.5	2	10	1/2	6	25 x 40
BVX/BVW-10	2	10	1/2	8	30 x 40
BVX/BVW-15	2	10	1/2	12	30 x 60
BVX/BVW-20	2	10	1/2	16	42 1/2 x 60

PRODUCT WARRANTY

COIL COMPANY, LLC WARRANTS TO THE ORIGINAL OWNER/USER OF THE COIL COMPANY, LLC UNIT IDENTIFIED ABOVE TO BE FREE OF ORIGINAL DEFECTS IN MATERIAL OR WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE EFFECTIVE DATE OF THIS WARRANTY.

The Warranty extends for twelve (12) months from date of start-up, but no longer than eighteen (18) months from the date of shipment. The warranty does not include the filter.

This Warranty on the units obligates Coil Company, LLC to repair or replace, free of charge, any part or parts that show evidence of being defective in material and workmanship and are deemed so defective by personnel of Coil Company, LLC. The part must be returned for replacement with the proper information as required.

Coil Company, LLC assumes no obligation for labor required to replace the defective part or parts nor the freight or postage required to return or to secure the part which shall be at the cost and expense of the Original Owner/User. Warranty does not include breakage or rupture of water tubing and/or water condenser coil when subjected to freezing temperatures.

Coil Company, LLC, will replace the defective part or parts within 21 days after the return to the Coil Company, LLC of such defective part or parts provided notice of such defect was given by Original Owner/User within the Warranty period.

An optional, additional four-year protection plan on the compressor is available at modest cost at the time of original unit sale only. This obligates Coil Company, LLC to replace f.o.b. factory, a defective compressor with a comparable compressor of equal capacity free of charge. No responsibility is assumed by Coil Company, LLC for refrigerant, labor, or freight to and from factory.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE LIMITED IN DURATION TO ONE (1) YEAR FROM EFFECTIVE DATE OF THIS WARRANTY. COIL COMPANY, LLC IS NOT LIABLE FOR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT IN PART. THERE ARE NO OTHER OBLIGATIONS ON THE PART OF THE COIL COMPANY, LLC.

Warranty of Fitness

Coil Company, LLC does not provide a warranty of fitness since, in good faith Coil Company, LLC cannot anticipate or control the many different conditions under which the products of Coil Company, LLC may be used.

Coil Company Manufacturers:

- **Space Coolers**
- **Air Handlers**
- **Coils**



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