

TECHNICAL SPECIFICATIONS

B6BW Series

Air Handler

**13 SEER Residential or
Multi-family System
24,000 - 36,000 Btuh (Heat Pump
& Air Conditioner)**

The B6BW Series air handler, when combined with our heat pump or air conditioner, offers a full line of quality, split system heating and cooling equipment.



FEATURES and BENEFITS

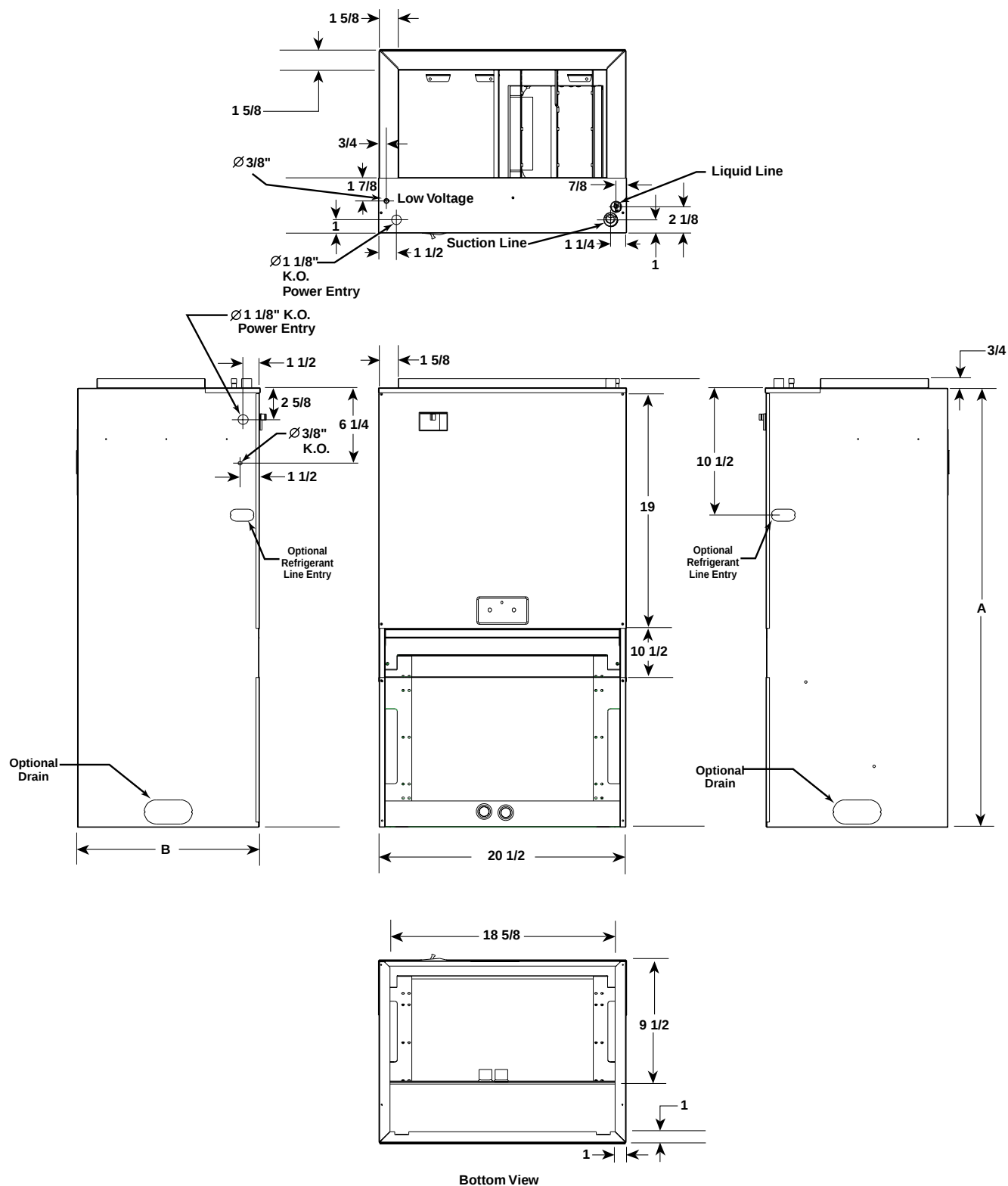
- **Durable, Attractive Cabinet:** Designed using galvanized steel with optional white decorative panel. The plastic drain pan is corrosion resistant.
- **Multi-speed:** Gives flexibility of installation.
- **Blower Control Board:** Incorporating blower time delay.
- **Ease-of-Service:** Plug-in wire connections and built-in filter rack makes the air handler easy to service.
- **Heater Kits Installed:** Available in 5kw, 8kw & 10kw.
- **Breaker Accessibility:** Breaker accessible from front of unit.
- **Fully insulated Cabinet:** for quiet operation.
- **Front and/or Bottom Return air**
- **Offset Hanging Bracket for Easy Installation**

WARRANTY

- This product carries a 5-year all parts warranty. When installed with a matched outdoor unit, the air handler will carry the outdoor system warranty. See current warranty document or visit our consumer web site for warranty details.

DIMENSIONS

Model Number B6BW-	Refrigerant	Connections	Filter Size	Supply Air Duct Dimension	A	B
	Suction Dia.	Liquid Dia.				
024	3/4	3/8	16 x 20 x 1	9 x 17 1/4	36 3/8	15
030	3/4	3/8	20 x 20 x 1	9 x 17 1/4	43 1/2	15
036	3/4	3/8	20 x 24 x 1	15 x 17 1/4	43 1/2	21



SPECIFICATIONS

Model Number B6BW-	024	030	036
Nominal Cooling Capacity - Btuh (1)	24,000	27,600	33,000
Refrigerant Flow Control	Orifice	Orifice	Orifice
Orifice Size as Shipped	.057	.060	.069
Available Heat (kw)	5, 8, 10	5, 8, 10	5, 8, 10
Nominal Blower Size (D x W)	10 x 6	10 x 6	10 x 8
(H.P. - Speed - Type)	1/5-2-PSC	1/4-3-PSC	1/2-5-PSC
Rated External Static Pressure (in. W.C.)	.30	.30	.30
Filter Size (see note below)	16 x 20 x 1	20 x 20 x 1	20 x 24 x 1
Approximate Shipping Weight (lbs.)	80	88	92

(1) See current ARI Directory for certified combinations and ratings.

SYSTEM AIR FLOW DATA

Dry Coil ESP		0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
024K	Low	846	795	756	707	668	589	533	467
	High	926	890	845	791	732	672	603	536
Dry Coil ESP		0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
030K	Low	869	832	795	758	704	639	579	507
	Medium	933	903	866	820	770	714	640	576
	High	1014	971	929	884	833	780	714	640
Dry Coil ESP		0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
036K	Low	936	901	891	840	789	739	688	613
	Med-Low	1160	1122	1087	1046	1001	950	899	855
	Medium	1287	1253	1213	1178	1142	1092	1049	1002
	Med-High	1434	1394	1353	1328	1297	1248	1220	1202
	High	1550	1515	1495	1457	1429	1416	1388	1355

Notes:

- 1) Airflow is shown in cfm, +/- 5%.
- 2) External static pressure is shown in inches w.c.
- 3) All airflows are measured with filter and with dry coil. For wet coil, subtract .1" external static pressure.
- 4) See unit nameplate or installation instructions for maximum recommended external static pressure.

ELECTRICAL DATA

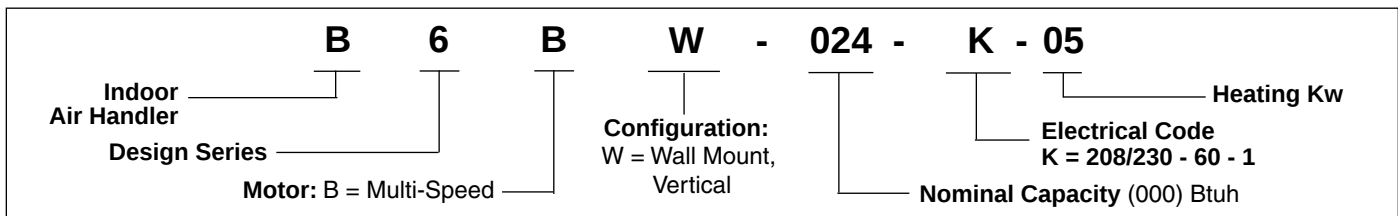
Model Number B6BW-	024-05		024-08		024-10	
Voltage	208	240	208	240	208	240
KW (nominal)	3.8	5	6	8	7.5	10
Minimum Circuit Ampacity (single circuit)	23.1	26.5	35.1	40.6	44.8	51.5
Maximum Over-Current Protection (single circuit)	25	30	40	45	45	55

ELECTRICAL DATA

Model Number B6BW-	030-05		030-08		030-10	
Voltage	208	240	208	240	208	240
KW (nominal)	3.8	5	6	8	7.5	10
Minimum Circuit Ampacity (single circuit)	23.2	26.6	35.2	40.8	44.9	51.6
Maximum Over-Current Protection (single circuit)	25	30	40	45	45	55

Model Number B6BW-	036-05		036-08		036-10	
Voltage	208	240	208	240	208	240
KW (nominal)	3.8	5	6	8	7.5	10
Minimum Circuit Ampacity (single circuit)	25.9	29.2	37.9	43.4	47.5	54.2
Maximum Over-Current Protection (single circuit)	30	30	40	45	50	60

MODEL IDENTIFICATION CODE



- ### ACCESSORIES
- Decorative Louvered Panel - 903892 for 018/024
 - Decorative Louvered Panel - 919583 for 030/036

Outdoor Unit Model Number JS6BD	Indoor Unit + TDR	BTUH	SEER	EER	SCFM
024K	B6BW-024K	24000	13	11	850
030K	B6BW-030K	27600	13	11	950
036K	B6BW-036K	33000	13	10.9	1080

NOTE: See Current AHRI Directory for certified combinations and ratings. www.ahridirectory.org



GENERAL TERMS OF LIMITED WARRANTY

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the first five years of installation, in accordance with the terms of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the NORDYNE warranty department for a copy.

NORDYNE

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