

B3BW Series

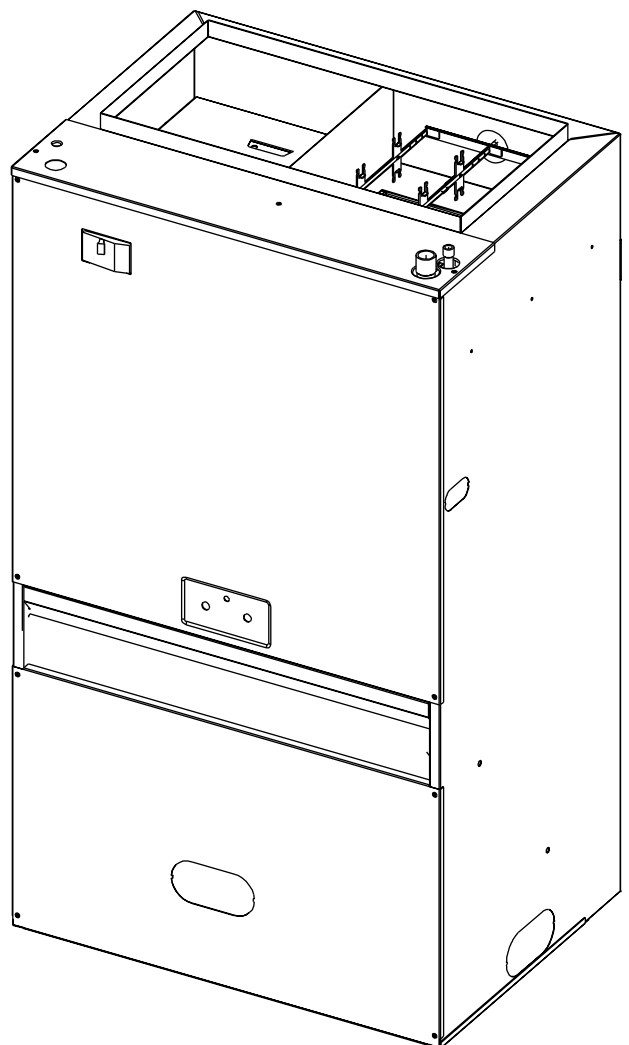
Air Handler

**10 and 12 SEER Residential or Multi-family System
18,000 - 36,000 Btuh (Heat Pump & Air Conditioner)**

The B3BW Series air handler, when combined with our heat pump or air conditioner, offers a full line of quality, split system heating and cooling equipment.

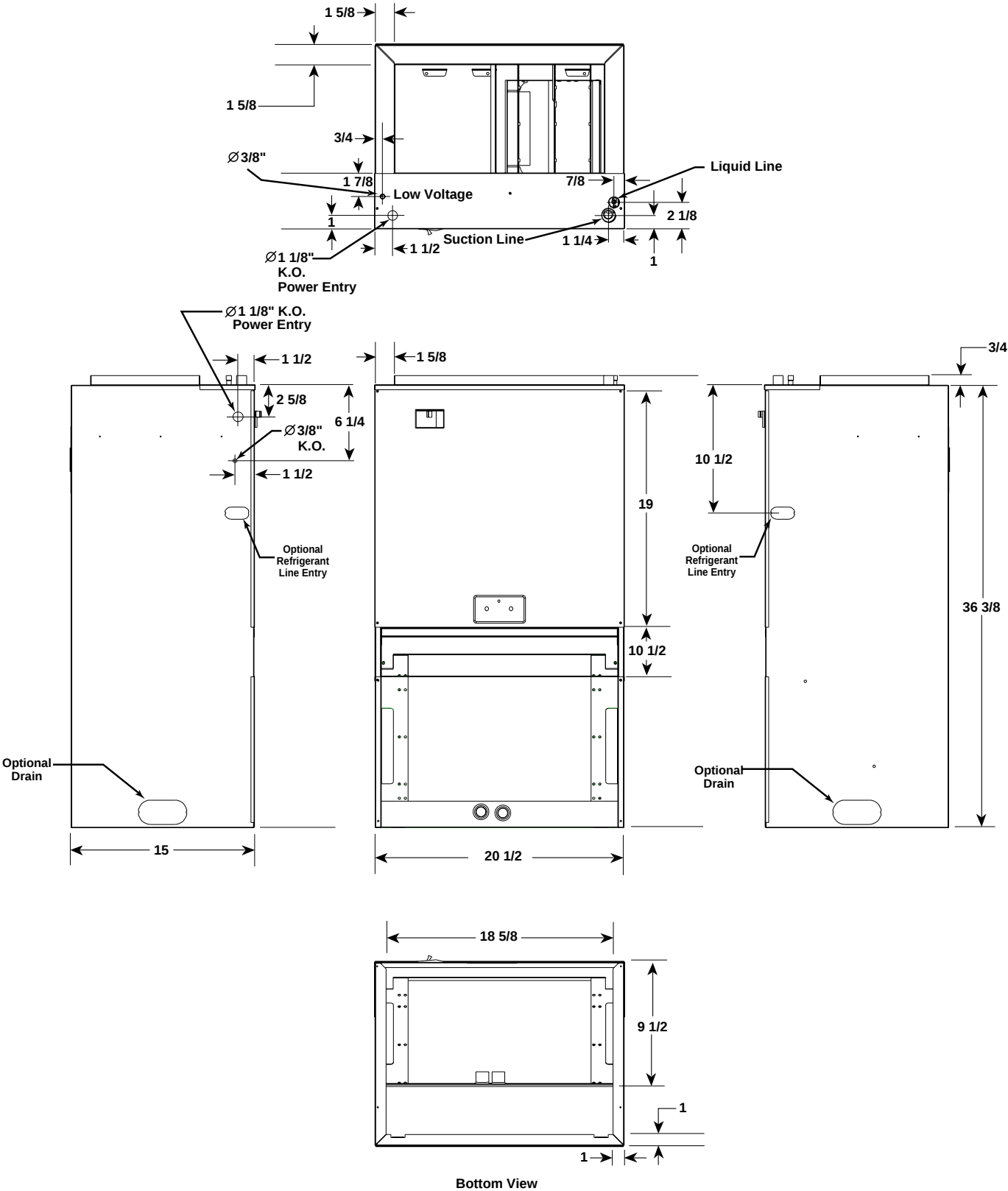
FEATURES and BENEFITS

- **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 TDR** – Factory installed blower off delay sequencer.
- **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**
- **8 Year Limited All Parts Warranty** – The best in the industry and has proven to be a major benefit to the consumer.



DIMENSIONS

Model Number	Refrigerant Connections		Filter Size	Supply Air Duct Dimension
	Suction Dia.	Liquid Dia.		
B3BW-18 - 36	3/4	3/8	16 x 20 x 1	9 x 17 1/4



SPECIFICATIONS

Model Number B3BW-	18	24	30	36
Nominal Cooling Capacity - Btuh (1)	17,000	23,000	27,000	33,600
Refrigerant Flow Control (2)	.051	.060	.063	.067
Available Heat (kw)	5, 8	5, 8, 10	5, 8, 10	8, 10
Nominal Blower Size (D x W)	10 x 6	10 x 6	11 x 6	11 x 6
(H.P. - Speed - Type)	1/5-2-PSC	1/5-2-PSC	1/2-2-PSC	1/2-2-PSC
Rated External Static Pressure (in. W.C.)	.30	.30	.30	.35
CFM @ Rated ESP	635	840	990	1045
Filter Size (see note below)	16 x 20 x 1	16 x 20 x 1	16 x 20 x 1	16 x 20 x 1
Approximate Shipping Weight (lbs.)	80	80	85	85

- (1) See current ARI Directory for certified combinations and ratings.
- (2) Units are 10 SEER air conditioner ready as shipped.

SYSTEM AIR FLOW DATA

Unit	HP	Speed	ESP ("H2O)	CFM Low	CFM High
018	1/5 HP 10 X 6	2	0.1	760	960
			0.2	680	900
			0.3	635	840
			0.4	600	800
			0.5	560	760
024	1/5 HP 10 X 6	2	0.1	760	960
			0.2	680	900
			0.3	635	840
			0.4	600	800
			0.5	560	760
030	1/2 HP 11 X 6	2	0.1	1065	1130
			0.2	1030	1085
			0.3	990	1045
			0.4	950	1000
			0.5	900	950
036	1/2 HP 11 X 6	2	0.1	1065	1130
			0.2	1030	1085
			0.3	990	1045
			0.4	950	1000
			0.5	900	950

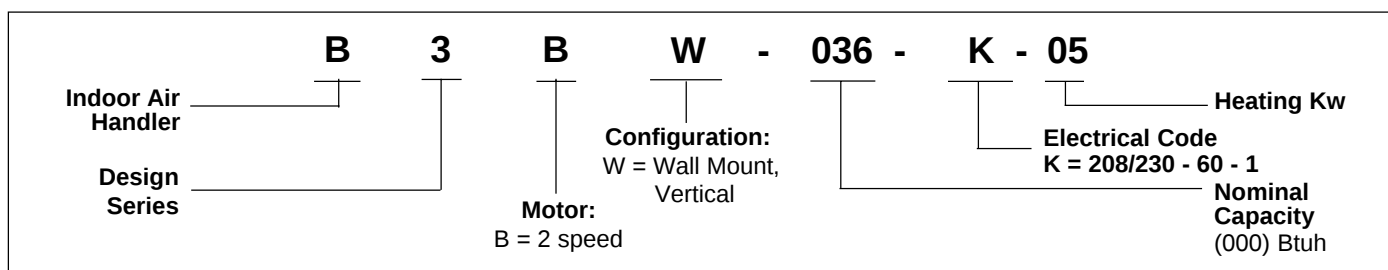
Notes:

- 1) Airflow is shown in cfm, +/- 5%.
- 2) External static pressure is shown in inches w.c.
- 3) All airflows are measured without filter and with dry coil. For filter velocity of 300 ft./min. subtract .08" external static pressure. For wet coil, subtract .1" external static pressure.
- 4) See unit nameplate or installation instructions for maximum recommended external static pressure.

ELECTRICAL DATA

			Standard Air Handler	
			Min. Circuit Ampacity	Max. Over-Current Protection
Model Number KW	Voltage	KW	Single Circuit	Single Circuit
005-	240	4.8	26.3	30
008-	240	7.5	40.3	45
010-	240	9.6	51.3	60
005-	208	3.6	22.9	25
008-	208	5.6	34.9	35
010-	208	7.2	44.5	45

MODEL IDENTIFICATION CODE



RATING MATRIX: AC

OUTDOOR UNIT MODEL NUMBER FS3BA-	INDOOR UNIT MODEL NUMBER (AIR HANDLER) B3BW-	COOLING CAPACITY @ 95 ° F (BTUH)	S.E.E.R.	INDOOR ORIFICE
018KA	018K	17,000	10.00	.051
024KA	024K	22,400	10.00	.060
030KA	030K	27,000	10.00	.063
FS3BC-				
018KA	024K	17,200	12.00	.060
024KA	030 + LLS (1)	22,700	12.00	.063
030KA	036K	27,200	12.00	.067
036KA	036K	33,600	10.50	.067

RATING MATRIX: HP

OUTDOOR UNIT MODEL NUMBER FT3BA-	INDOOR UNIT MODEL NUMBER (AIR HANDLER) B3BW-	COOLING CAPACITY @ 95 ° F (BTUH)	S.E.E.R.	COOLING CAPACITY @ 47 ° F (BTUH)	HSPF	INDOOR ORIFICE
018KA	018K	17,200	10.00	17,300	6.8	.051
024KA	024K	22,600	10.00	22,900	6.8	.060
030KA	030K	27,200	10.00	28,100	6.8	.063
FT3BC-						
018KA	024K	17,500	12.00	17,600	7.1	.060
024KA	030K + LLS (1)	22,600	12.00	21,900	7.1	.063
030KA	036K	26,800	12.00	27,700	7.1	.067
036KA	036K	33,800	10.50	32,100	6.8	.067

ACCESSORIES

- Decorative Louvered Panel - 903892
- (1) LLS, Liquid Line Solenoid Valve - 912650

NOTE: See Current ARI Directory for certified combinations and ratings.

CERTIFICATION APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI



We Encourage
Professionalism
NATE
Through Technician
Certification by NATE