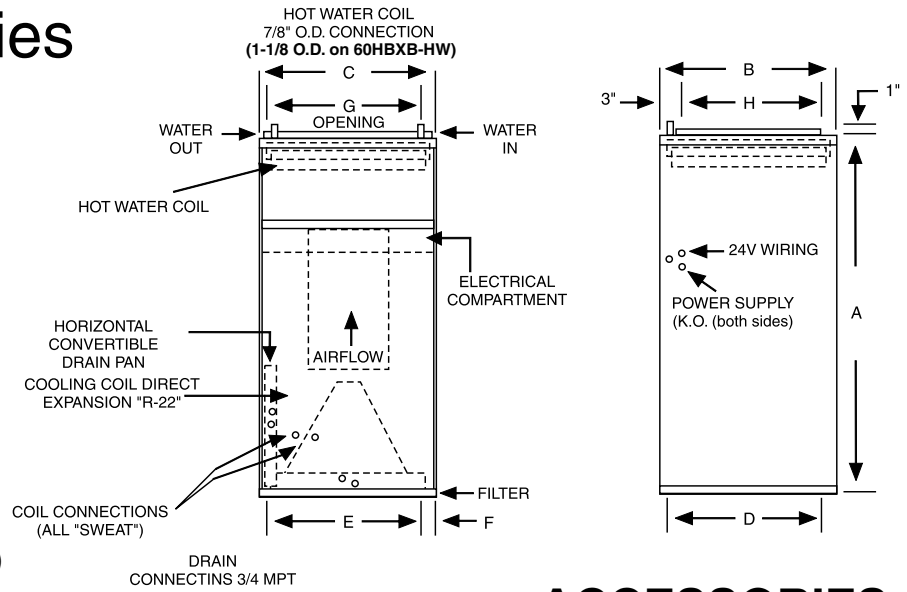


HBXB-HW Series

**DX COOLING
BOILER HEATING**



(See P.4 for Model Numbers)

BLOWER DATA					UPFLOW / HORIZONTAL ONLY					DOWNFLOW ONLY																	
UNIT MODEL	MOTOR HP-AMPS (120V)	MIN. CKT. AMPACITY	MAX. CKT. PROTECTION	MOTOR SPEED CONN.	CFM vs. EXTERNAL STATIC PRESSURE																						
					0.05	0.10	0.20	0.30	0.40	0.50	0.05	0.10	0.20	0.30	0.35												
18HBXB-HW	1/5 - 2.8	3.5	15	HIGH	810	780	715	650	580	500	710	690	630	570	540	HIGH	810	780	715	650	580	500	710	690	630	570	540
				MED. LOW	680	655	600	545	490	420	640	620	575	520	490	MED. LOW	680	655	600	545	490	420	640	620	575	520	490
				LOW	530	505	460	415	360	295	480	460	420	380	350	LOW	530	505	460	415	360	295	480	460	420	380	350
24HBXB-HW	1/5 - 5.1	6.38	15	HIGH	950	920	855	790	720	645	760	730	680	620	590	HIGH	950	920	855	790	720	645	760	730	680	620	590
				MED. LOW	860	835	785	720	650	580	720	690	640	590	550	MED. LOW	860	835	785	720	650	580	720	690	640	590	550
				LOW	780	755	705	650	590	510	680	655	600	550	525	LOW	780	755	705	650	590	510	680	655	600	550	525
30HBXB-HW	1/5 - 5.1	6.38	15	HIGH	1120	1095	1045	995	940	880	1080	1060	1010	950	920	HIGH	1120	1095	1045	995	940	880	1080	1060	1010	950	920
				MED. LOW	850	840	810	780	740	690	885	860	830	800	770	MED. LOW	850	840	810	780	740	690	885	860	830	800	770
				LOW	680	670	655	625	585	510	730	720	690	660	640	LOW	680	670	655	625	585	510	730	720	690	660	640
36HBXB-HW	1/2 - 8.5	10.63	15	HIGH	1340	1310	1250	1190	1120	1050	1090	1070	1010	950	925	HIGH	1340	1310	1250	1190	1120	1050	1090	1070	1010	950	925
				MED. LOW	1290	1260	1200	1140	1080	1000	1060	1030	980	920	890	MED. LOW	1290	1260	1200	1140	1080	1000	1060	1030	980	920	890
				LOW	1200	1170	1120	1070	1010	940	1020	990	940	890	860	LOW	1200	1170	1120	1070	1010	940	1020	990	940	890	860
48HBXB-HW	3/4 - 10.7	13.38	15	HIGH	1810	1780	1720	1660	1590	1530	1510	1480	1430	1380	1350	HIGH	1810	1780	1720	1660	1590	1530	1510	1480	1430	1380	1350
				MED. LOW	1570	1550	1510	1460	1400	1340	1270	1240	1190	1150	1120	MED. LOW	1570	1550	1510	1460	1400	1340	1270	1240	1190	1150	1120
				LOW	1280	1260	1220	1180	1130	1050	1005	980	930	890	860	LOW	1280	1260	1220	1180	1130	1050	1005	980	930	890	860
60HBXB-HW	1 - 11.5	14.38	15	HIGH	2160	2125	2055	1980	1895	1810	60HBXB-HW is not approved for downflow conversion																
				MED. LOW	1865	1840	1785	1710	1620	1525																	
				LOW	1560	1540	1490	1435	1365	1260																	

NOTES:

- All models are approved for installation with 0" clearance to combustible materials.
- For downflow applications, select air handler 1/2 ton larger than the outdoor unit in order to achieve nominal airflow.
- Use 48HBXB-HW for 3.5 ton applications and field-convert fan motor to medium speed.

PHYSICAL DIMENSIONS									
UNIT MODEL	A	B	C	D	E	F	G	H	FILTER SIZE
18HBXB-HW 24HBXB-HW	40	20	20	18-1/2	16	2	18	16	18 X 20 X 1
30HBXB-HW 36HBXB-HW	42	23	20	21-1/2	16	2	18	19	20 X 22 X 1
48HBXB-HW	48	28	21-1/4	26-1/4	17-1/4	2	18	24	20 X 25 X 1
60HBXB-HW	52	28	25-1/4	26-1/2	21-1/4	2	22	24	14 X 24 X 1 (2 required)

COIL CONNECTIONS		
UNIT SIZE	LIQUID	SUCTION
18/24	3/8	5/8
30/36	3/8	3/4
48/60	1/2	7/8

FREEZE PROTECTOR	
KIT NUMBER	FOR
941-1	18 - 60HBXB-HW

ACCESSORIES (field installed)

FLOW CONTROL MODULES	
PART NUMBER	FOR
940-3CV	18 - 48HBXB-HW
940-2CV	60HBXB-HW

NOTE:

Flow Control Modules are required when connecting to individual gas water heaters.

EXPANSION VALVE KITS (Field installed) (cooling only or heat pump)	
PART NUMBER	FITS
R22	
9EVR22-4	18/24HBXB-HW
9EVR22-5	30/36HBXB-HW
9EVR22-6	48/60HBXB-HW
R410a	
9EVR410-3	18/24HBXB-HW
9EVR410-4	30/36HBXB-HW
9EVR410-5	48/60HBXB-HW

NOTES:

- Above expansion valve kits are approved for both cooling only (non heat pump) and heat pump applications.
- Valves are non-bleed type. Field added. Hard start kit may be required.
- Valves have screw-on connections.

COUNTERFLOW KITS	
KIT NUMBER	FOR
919-11	18, 24HBXB-HW
919-12	30, 36HBXB-HW
919-13	48HBXB-HW

NOTES:

- Counterflow conversion **not** recommended where the air handler is installed above a finished ceiling.
- No kit available for 60HBXB-HW. This model is not approved for counterflow installation.