

TECHNICAL SPECIFICATIONS

BSH2BE Series

Heat Pump 14 SEER Residential System 1.5 – 5 Ton Capacity

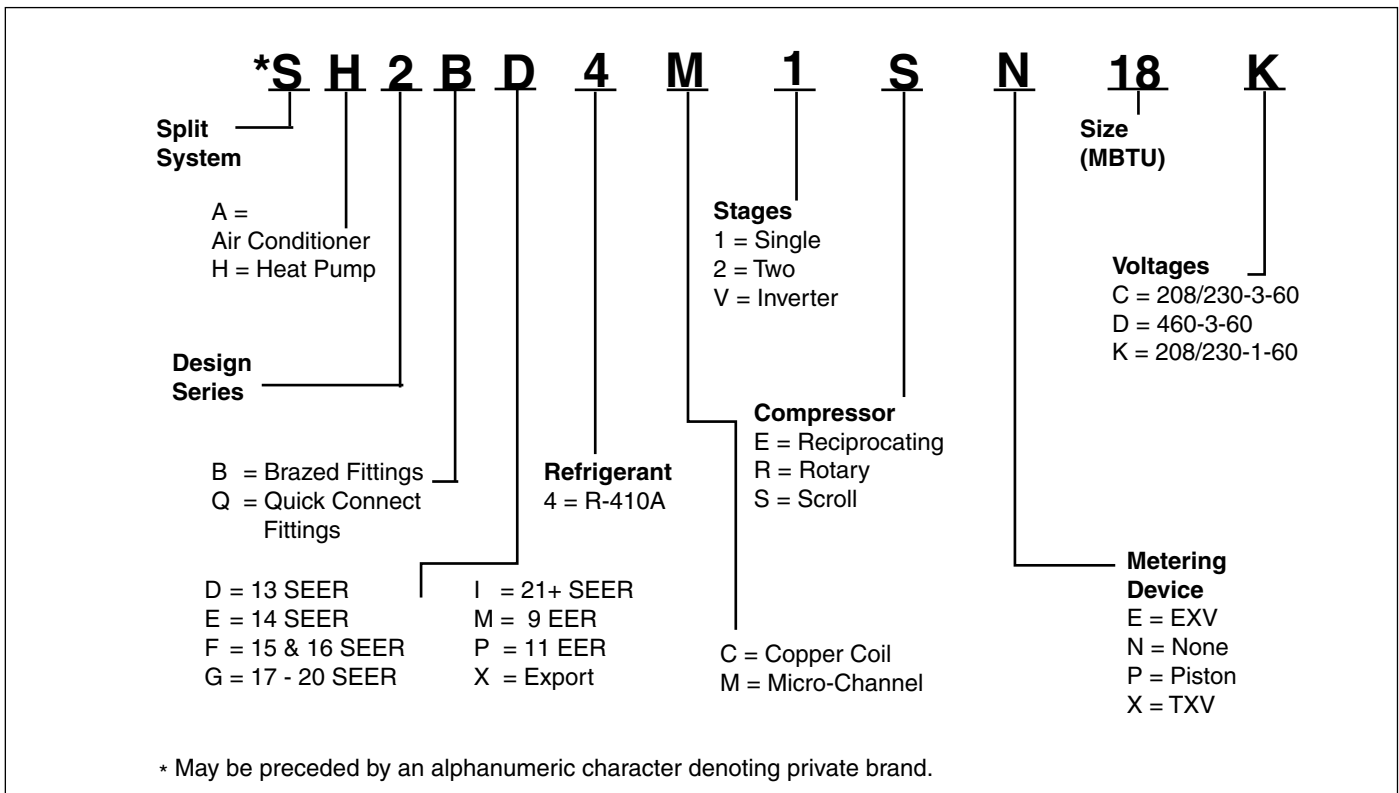
The BSH2BE Series of air conditioners offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling equipment.



FEATURES and BENEFITS

- **Quality Compressor:** State-of-the-art compressor is standard equipment.
- **Patented Hot Gas Bypass Defrost:** Ensures that the outdoor coil defrosts every time and only when necessary.
- **Full Service Valves:** These brass valves are easily accessible and simplify servicing of the refrigeration system.
- **Designed Using Galvanized Steel:** With a polyester urethane coat finish, it passes 950 hours of salt spray per ASTM Std. B117.
- **Composite Base Pan:** Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Permanently Lubricated Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.
- **Suction Accumulator and Crankcase Heater:** Protection from liquid flood back and future compressor failures.
- **Hot Gas Muffler:** Reduces compressor noise and vibration.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature avoids nuisance service visits.
- **Liquid Line Filter Drier:** Included with unit, field installed.
- **One Piece Top/Orifice:** Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **All-Aluminum Coils:** Aluminum coils in all models which provides high corrosion resistance.
- **Mesh Hail Guard:** Will never rust and protects the coil.
- **Common Suction Service Port:** This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- **Five Minute Restart Time Delay:** When the unit shuts down, a five-minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.

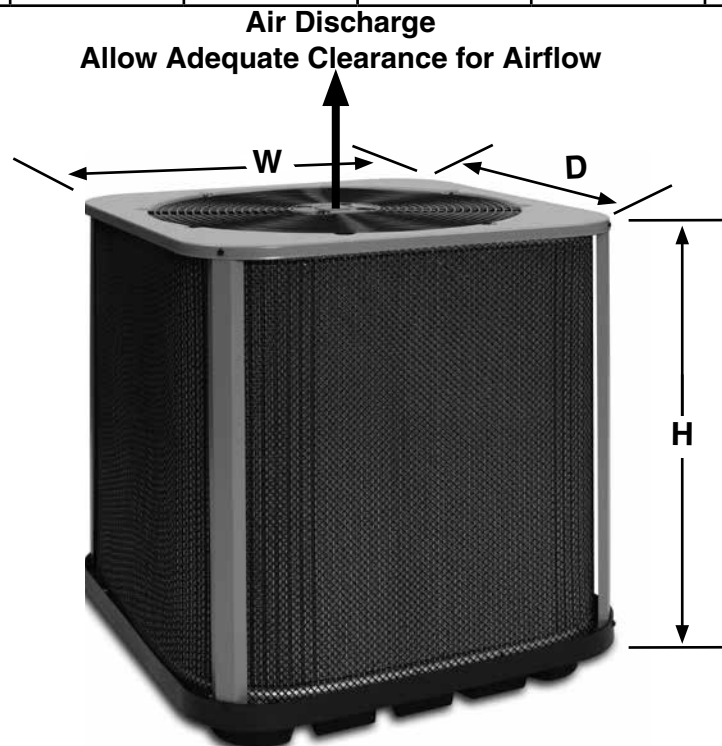
MODEL IDENTIFICATION CODES



DIMENSIONS

AIR CONDITIONER OUTDOOR SECTION

BSH2BE	18K	24K	30K	36K	42K	48K	60KA
H	31 1/2"	31 1/2"	39 1/2"	43 1/2"	43 1/2"	43 1/2"	43 1/2"
W	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"
D	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

14 SEER — High Efficiency — Single Phase

Model Number BSH2BE4M1		SN18K	RN24K	RN30K	SN36K	SN42K	SN48K	SN60KA
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-1						
	Delay Fuse Max. (2)	20	15	20	30	40	45	50
	Min. Circuit Ampacity	12.1	11.3	13.3	18.6	23.9	26.3	33.0
	Fan Motor	HP	1/8	1/8	1/5	1/4	1/4	1/3
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length.		0-24 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
		25-39 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	1-1/8" (3)
		40-75 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	1-1/8" (3)
Approximate Weight (lbs.)		Net	145	148	151	161	187	201
		Ship	167	170	175	186	212	226
Sound Rating db		75	78	78	76	79	79	79

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 1-1/8" reducer from line to unit.

(4) Additional charge for line sets above 15 feet.

Values based on suction line as follows with 3/8" liquid line.

a) 3/4" = 0.6 oz. per additional foot.

b) 7/8" = 0.7 oz. per additional foot.

c) 1 1/8" = 0.8 oz. per additional foot.

HEAT PUMP OPERATING TEMPERATURES

COOLING		HEATING	
MIN (°F)	MAX (°F)	MIN (°F)	MAX (°F)
60	115	-10	70

ACCESSORIES - Condensing Unit

Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

Extreme Wind Condition Mounting Kit - 920900

Cantilever Kit - 1018671

SYSTEM COOLING CAPACITIES

14 SEER — High Efficiency — Single Phase

Outdoor Unit	Indoor Unit	"Cooling Capacity BTU/h @ 95° F"	SEER	EER @ 95° F	"Heating Capacity BTUH @ 47° F"	HSPF	CFM
BSH2BE4M1SP18K	No loose coil match						
BSH2BE4M1RP24K	C7B(A,H)MX24(C,U)-A	22800	14	11.5	19000	8.2	805
BSH2BE4M1RP24K	C7B(A,H)MX24(C,U)-B	22800	14	11.5	19000	8.2	805
BSH2BE4M1RP24K	C7B(A,H)MX30(C,U)-C	22800	14	11.5	19000	8.2	805
BSH2BE4M1RP30K	C7B(A,H)MX30(C,U)-A	28000	14	11.5	28000	8.2	1010
BSH2BE4M1RP30K	C7B(A,H)MX30(C,U)-B	28000	14	11.5	28000	8.2	1010
BSH2BE4M1RP30K	C7B(A,H)MX30(C,U)-C	28000	14	11.5	28000	8.2	1010
BSH2BE4M1SP36K	C7B(A,H)MX36(C,U)-B	34600	14	12.2	33000	8.2	1140
BSH2BE4M1SP36K	C7B(A,H)MX36(C,U)-C	34600	14	12.2	33000	8.2	1140
BSH2BE4M1SP42K	C7B(A,H)MX42(C,U)-B	40500	14	12.2	41000	8.2	1275
BSH2BE4M1SP42K	C7B(A,H)MX42(C,U)-C	40500	14	12.2	41000	8.2	1275
BSH2BE4M1SP42K	C7B(A,H)MX42(C,U)-D	40500	14	12.2	41000	8.2	1275
BSH2BE4M1SP48K	C7B(A,H)MX48(C,U)-C	46000	14	11.5	47000	8.5	1460
BSH2BE4M1SP48K	C7B(A,H)MX48(C,U)-D	46000	14	11.5	47000	8.2	1460
BSH2BE4M1SP60K	C7B(A,H)MX60(C,U)-C + ECM	57000	14	11.5	57500	8.2	1545
BSH2BE4M1SP18K	B6BMM024K-A	17500	14	11.5	16700	8.2	650
BSH2BE4M1SP18K	B6BMM024K-B	17500	14	11.5	16700	8.2	650
BSH2BE4M1RP24K	B6BMM024K-A	21600	14	11.5	19700	8.2	810
BSH2BE4M1RP24K	B6BMM024K-B	21600	14	11.5	19700	8.2	810
BSH2BE4M1RP30K	B6BMM030K-A	27000	14	11.5	28000	8.2	890
BSH2BE4M1RP30K	B6BMM030K-B	27000	14	11.5	28000	8.2	890
BSH2BE4M1SP36K	B6BMM042K-B	34400	14	11.5	34000	8.2	1195
BSH2BE4M1SP42K	B6BMM042K-B	39500	14	11.5	40500	8.2	1275
BSH2BE4M1SP48K	B6BMM060K-C	45500	14	11.5	46000	8.2	1555
BSH2BE4M1SP18K	B6EMMX24K-A	18000	15	12	16400	8.2	650
BSH2BE4M1SP18K	B6EMMX24K-B	18000	15	12	16400	8.2	650
BSH2BE4M1RP24K	B6EMMX24K-A	22800	15	12.5	19200	8.5	850
BSH2BE4M1RP24K	B6EMMX24K-B	22800	15	12.5	19200	8.5	850
BSH2BE4M1RP30K	B6EMMX30K-A	28400	15	12.5	28400	8.5	980
BSH2BE4M1RP30K	B6EMMX30K-B	28400	15	12.5	28400	8.5	980
BSH2BE4M1SP36K	B6EMMX36K-B	34200	15	12.5	32600	8.5	1145
BSH2BE4M1SP42K	B6EMMX42K-B	40000	15	12.5	40000	8.5	1205
BSH2BE4M1SP48K	B6EMMX48K-C	46000	15	12.5	45000	8.5	1510
BSH2BE4M1SP60KA	B6EMMX60K-C	54500	14	11.5	56500	8.2	1645

See current AHRI Directory for certified combinations and ratings. All ratings are with time delay relay.
www.ahridirectory.org

COOLING EXPANDED RATINGS WITH AIR HANDLER

BSH2BE4M1SP18K with B6BMM024K-A

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
525	80	62	18.0	14.6	0.99	17.0	14.4	1.10	16.2	14.5	1.22	15.3	14.2	1.35	14.54	14.29	1.50	13.63	13.40	1.66
	80	67	19.8	11.8	0.99	19.0	11.7	1.10	17.9	11.7	1.21	16.7	11.4	1.34	15.69	11.19	1.49	14.58	10.74	1.66
	80	72	22.1	9.1	1.00	21.2	9.1	1.10	20.1	9.2	1.21	19.0	9.0	1.34	17.55	8.73	1.48	16.15	8.84	1.64
	75	62	17.7	11.8	0.99	16.7	11.6	1.10	16.0	11.9	1.22	15.1	11.6	1.35	14.08	10.46	1.50	12.93	11.36	1.67
600	80	62	18.5	15.9	1.01	17.7	16.1	1.12	16.8	15.6	1.24	16.0	15.1	1.37	15.17	14.65	1.51	14.22	14.10	1.68
	80	67	20.4	12.6	1.02	19.4	12.9	1.12	18.4	12.6	1.23	17.1	12.6	1.36	16.01	12.55	1.51	14.84	12.50	1.68
	80	72	22.6	9.7	1.02	21.7	10.1	1.12	20.6	9.8	1.23	19.4	9.6	1.36	17.98	9.59	1.50	16.43	9.49	1.66
	75	62	18.3	13.0	1.01	17.4	13.2	1.12	16.3	12.8	1.24	15.4	12.6	1.37	14.42	12.53	1.52	13.26	12.38	1.69
675	80	62	19.1	17.2	1.04	18.4	17.1	1.14	17.5	16.4	1.26	16.6	15.7	1.38	15.68	15.15	1.53	14.70	14.64	1.70
	80	67	20.8	13.6	1.04	19.8	13.8	1.14	18.8	13.7	1.25	17.6	13.6	1.38	16.27	13.41	1.52	15.06	13.41	1.70
	80	72	23.1	10.4	1.04	22.1	10.6	1.14	21.0	10.3	1.25	19.8	10.2	1.38	18.32	10.11	1.52	16.63	10.06	1.68
	75	62	18.7	14.0	1.04	17.8	14.1	1.14	16.6	13.7	1.26	15.7	13.6	1.39	14.70	13.39	1.54	13.52	13.27	1.71

BSH2BE4M1RP24K B6EMMX24K-A EXPANDED RATINGS

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	24.3	20.4	0.94	22.9	19.6	1.26	21.5	18.9	1.51	20.5	18.3	1.72	19.4	17.8	1.91	18.3	17.2	2.10
	80	67	26.8	17.7	0.96	25.1	16.9	1.27	23.6	16.1	1.52	22.4	15.5	1.73	21.3	15.1	1.92	20.1	14.8	2.12
	80	72	29.1	14.5	0.96	27.5	13.8	1.27	26.0	13.3	1.52	24.6	12.7	1.73	23.4	12.2	1.93	22.0	11.7	2.14
	75	62	24.2	17.3	0.94	22.6	16.5	1.26	21.3	15.8	1.51	20.2	15.2	1.72	19.3	15.1	1.91	18.2	14.9	2.11
	75	67	26.5	14.5	0.95	24.8	13.7	1.26	23.4	13.0	1.52	22.4	12.7	1.73	21.3	12.3	1.93	20.0	11.7	2.13
800	80	62	25.1	21.9	0.95	23.4	20.8	1.26	22.1	20.1	1.52	20.9	19.5	1.73	19.8	19.0	1.92	18.7	18.3	2.11
	80	67	27.5	18.8	0.96	25.7	17.8	1.27	24.2	17.1	1.52	22.9	16.4	1.73	21.8	16.0	1.93	20.6	15.7	2.13
	80	72	29.8	15.2	0.96	28.1	14.5	1.27	26.6	13.9	1.52	25.2	13.4	1.74	23.8	12.9	1.94	22.5	12.3	2.15
	75	62	24.8	18.3	0.94	23.2	17.4	1.26	21.8	16.7	1.52	20.6	16.0	1.73	19.8	16.0	1.92	18.6	15.9	2.12
	75	67	27.1	15.1	0.95	25.3	14.3	1.26	23.9	13.7	1.52	22.9	13.3	1.73	21.7	12.9	1.93	20.4	12.4	2.13
900	80	62	25.6	23.2	0.95	23.9	22.0	1.27	22.5	21.3	1.52	21.3	20.6	1.73	20.2	19.9	1.92	19.1	19.1	2.11
	80	67	28.0	19.8	0.97	26.2	18.7	1.27	24.6	17.9	1.52	23.3	17.3	1.73	22.1	16.9	1.93	20.9	16.5	2.14
	80	72	30.4	15.7	0.97	28.6	15.1	1.28	27.1	14.5	1.53	25.7	14.0	1.74	24.3	13.4	1.94	22.8	12.9	2.15
	75	62	25.2	19.0	0.95	23.6	18.2	1.27	22.2	17.4	1.52	20.9	16.7	1.73	20.1	16.9	1.93	18.9	16.5	2.12
	75	67	27.6	15.7	0.96	25.7	14.8	1.27	24.3	14.2	1.52	23.3	13.8	1.74	22.1	13.5	1.94	20.8	13.0	2.14

BSH2BE4M1RP30K B6EMMX30K-A EXPANDED RATINGS

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	28.4	24.3	0.31	28.4	24.3	1.32	27.5	24.0	1.91	26.2	23.3	2.23	24.7	22.5	2.43	23.2	21.8	2.61
	80	67	31.2	20.9	0.29	30.4	20.4	1.33	29.7	20.1	1.91	28.2	19.4	2.22	26.5	18.7	2.42	24.8	18.0	2.62
	80	72	34.7	17.3	0.59	34.1	17.0	1.47	32.8	16.5	1.95	30.9	15.8	2.22	28.8	14.9	2.41	26.8	14.2	2.62
	75	62	28.1	20.5	0.26	28.3	20.7	1.31	27.4	20.2	1.90	26.1	19.6	2.23	24.6	18.9	2.43	23.0	18.3	2.62
	75	67	30.8	16.9	0.26	30.6	16.8	1.33	29.6	16.4	1.91	28.1	15.8	2.23	26.4	15.1	2.43	24.6	14.3	2.62
1000	80	62	29.2	25.9	0.32	28.8	25.6	1.34	28.2	25.5	1.93	26.8	24.7	2.25	25.2	23.9	2.44	23.6	23.0	2.63
	80	67	32.0	22.1	0.35	31.6	21.8	1.38	30.3	21.2	1.93	28.8	20.5	2.23	27.0	19.7	2.43	25.2	19.0	2.63
	80	72	35.6	18.1	0.65	34.9	17.8	1.49	33.5	17.2	1.96	31.5	16.5	2.23	29.3	15.6	2.41	27.3	14.9	2.63
	75	62	28.9	21.7	0.29	28.9	21.8	1.34	28.1	21.4	1.92	26.7	20.7	2.25	25.1	20.0	2.44	23.4	19.3	2.64
	75	67	31.8	17.8	0.32	31.3	17.6	1.36	30.2	17.1	1.93	28.7	16.5	2.24	26.9	15.8	2.43	25.1	15.0	2.63
1125	80	62	29.8	27.4	0.35	29.3	27.0	1.36	28.7	26.8	1.95	27.2	26.1	2.27	25.6	25.2	2.46	24.1	24.1	2.65
	80	67	32.7	23.2	0.40	32.2	22.8	1.40	30.9	22.2	1.94	29.3	21.5	2.25	27.4	20.8	2.44	25.6	20.0	2.64
	80	72	36.3	18.8	0.68	35.6	18.5	1.51	34.0	17.9	1.98	32.0	17.2	2.24	29.7	16.3	2.42	27.6	15.5	2.64
	75	62	29.5	22.9	0.33	29.5	22.9	1.37	28.6	22.5	1.95	27.1	21.8	2.27	25.5	21.0	2.46	23.8	20.5	2.66
	75	67	32.3	18.4	0.37	31.9	18.3	1.39	30.7	17.7	1.94	29.2	17.1	2.25	27.3	16.4	2.45	25.4	15.7	2.65

COOLING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

BSH2BE4M1SP36K with B6BMM042K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	33.7	26.9	1.97	32.5	26.7	2.19	31.1	26.8	2.43	29.7	26.2	2.70	28.14	27.17	3.01	26.53	25.61	3.36
	80	67	36.6	22.3	1.98	35.3	22.2	2.20	33.7	22.4	2.45	32.1	21.9	2.72	30.41	21.58	3.03	28.57	20.13	3.38
	80	72	40.4	17.4	2.00	38.6	17.3	2.23	36.6	17.6	2.47	34.9	17.2	2.74	32.97	16.93	3.04	30.95	17.25	3.40
	75	62	33.3	22.6	1.96	32.0	22.4	2.19	30.7	22.4	2.43	29.2	21.9	2.70	27.64	20.15	3.00	25.93	21.56	3.36
1200	80	62	34.5	28.7	2.02	33.2	29.2	2.24	31.8	28.4	2.49	30.4	28.0	2.76	28.84	27.54	3.07	27.19	26.96	3.42
	80	67	37.4	23.8	2.03	35.9	24.4	2.26	34.3	23.8	2.50	32.7	23.4	2.77	30.87	23.32	3.08	28.99	23.23	3.43
	80	72	40.6	18.3	2.05	39.0	19.0	2.28	37.3	18.4	2.52	35.4	18.2	2.79	33.47	18.28	3.10	31.38	18.30	3.46
	75	62	34.0	23.8	2.02	32.7	24.4	2.24	31.2	23.7	2.48	29.7	23.4	2.75	28.10	23.24	3.06	26.35	23.04	3.41
1350	80	62	35.3	30.7	2.08	33.9	30.7	2.30	32.5	29.8	2.54	31.0	29.4	2.81	29.47	28.48	3.12	27.89	27.78	3.47
	80	67	38.0	25.5	2.08	36.5	25.6	2.31	34.9	25.0	2.56	33.1	24.8	2.83	31.28	24.58	3.13	29.31	24.58	3.49
	80	72	41.3	19.5	2.11	39.6	19.8	2.34	37.8	19.2	2.58	35.9	19.2	2.85	33.84	19.04	3.16	31.68	19.17	3.51
	75	62	34.5	25.5	2.07	33.2	25.7	2.30	31.7	25.0	2.54	30.1	24.8	2.81	28.43	24.44	3.12	26.64	24.30	3.47

BSH2BE4M1SP42K with B6BMM042K-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1225	80	62	41.7	33.3	2.44	40.2	33.1	2.67	38.4	33.2	2.94	36.6	32.5	3.25	34.61	33.78	3.60	32.55	31.78	3.99
	80	67	45.6	27.5	2.46	43.8	27.3	2.69	41.9	27.6	2.97	39.8	27.1	3.27	37.56	26.63	3.62	35.21	24.90	4.02
	80	72	50.2	21.1	2.48	48.1	21.0	2.72	46.0	21.4	2.99	43.6	21.0	3.31	41.15	20.64	3.66	38.52	21.12	4.05
	75	62	41.5	27.8	2.44	39.9	27.6	2.67	38.2	27.8	2.94	36.2	27.1	3.25	34.23	24.98	3.60	32.11	26.80	3.99
1400	80	62	42.7	35.7	2.51	41.1	36.3	2.74	39.3	35.4	3.01	37.4	34.8	3.32	35.41	34.21	3.67	33.54	33.26	4.06
	80	67	46.6	29.4	2.52	44.7	30.2	2.76	42.7	29.4	3.03	40.4	29.1	3.34	38.17	28.95	3.69	35.71	28.89	4.09
	80	72	51.1	22.3	2.54	49.0	23.3	2.78	46.7	22.6	3.06	44.2	22.4	3.38	41.62	22.53	3.73	38.90	22.61	4.12
	75	62	42.4	29.7	2.51	40.7	30.2	2.74	38.8	29.5	3.01	36.9	29.1	3.32	34.76	28.96	3.67	32.58	28.80	4.05
1575	80	62	43.6	38.3	2.57	41.9	38.3	2.81	40.2	37.1	3.08	38.3	36.3	3.39	36.42	35.19	3.74	34.43	34.29	4.14
	80	67	47.2	31.6	2.59	45.3	32.0	2.83	43.2	31.2	3.10	40.9	30.9	3.41	38.55	30.64	3.76	36.04	30.70	4.15
	80	72	51.7	23.9	2.61	49.5	24.4	2.85	47.1	23.7	3.13	44.6	23.7	3.44	42.01	23.60	3.80	39.25	23.82	4.19
	75	62	43.1	31.7	2.57	41.3	32.0	2.81	39.4	31.2	3.07	37.4	31.0	3.38	35.19	30.60	3.73	32.94	30.52	4.12

BSH2BE4M1SP48K with B6BMM060K-C

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1400	80	62	47.1	36.1	2.64	45.3	35.9	2.92	43.2	35.7	3.23	41.0	35.0	3.59	38.65	36.75	3.99	36.19	34.41	4.44
	80	67	51.7	29.7	2.67	49.5	29.5	2.95	47.3	29.8	3.26	44.9	29.2	3.62	42.30	28.72	4.02	39.65	26.54	4.47
	80	72	56.7	23.1	2.70	54.4	22.9	2.98	51.9	23.4	3.29	49.2	22.8	3.65	46.39	22.45	4.05	43.45	22.98	4.50
	75	62	47.1	30.2	2.64	45.2	29.9	2.92	43.1	30.1	3.23	40.9	29.4	3.59	38.53	27.04	3.99	36.06	29.10	4.44
1600	80	62	48.3	38.3	2.70	46.3	39.1	2.97	44.2	38.1	3.29	41.9	37.6	3.64	39.45	37.18	4.05	36.93	36.62	4.49
	80	67	52.9	31.6	2.72	50.7	32.5	3.00	48.3	31.7	3.32	45.8	31.3	3.67	43.08	31.29	4.07	40.29	31.26	4.52
	80	72	58.0	24.3	2.75	55.5	25.4	3.03	52.9	24.6	3.35	50.1	24.3	3.71	47.16	24.42	4.11	44.09	24.55	4.55
	75	62	48.1	32.1	2.70	46.2	32.8	2.97	44.0	32.0	3.28	41.7	31.5	3.64	39.24	31.41	4.05	36.68	31.26	4.49
1800	80	62	49.2	41.1	2.75	47.2	41.3	3.02	45.0	40.3	3.34	42.6	39.7	3.70	40.19	38.83	4.10	38.03	37.86	4.55
	80	67	53.8	33.9	2.77	51.5	34.3	3.05	49.1	33.5	3.37	46.4	33.3	3.73	43.68	33.07	4.13	40.82	33.20	4.57
	80	72	59.0	26.0	2.81	56.4	26.5	3.08	53.6	25.7	3.40	50.8	25.7	3.76	47.75	25.54	4.16	44.61	25.83	4.60
	75	62	49.0	34.4	2.75	47.0	34.6	3.02	44.7	33.8	3.34	42.3	33.5	3.69	39.80	33.18	4.10	37.15	32.84	4.54

COOLING EXPANDED RATINGS

BSH2BE4M1SP18K with C7B(A,H)MX24(C,U)-B

BSH2BE4M1SP18K with C7B(A,H)M01824(C,U)-B+TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
525	80	62	18.3	14.9	1.08	17.6	14.8	1.20	16.8	14.8	1.32	16.0	14.5	1.47	15.1	14.8	1.63	14.3	14.0	1.82
	80	67	19.9	12.2	1.07	19.1	12.1	1.19	18.3	12.2	1.31	17.3	12.0	1.46	16.3	11.7	1.62	15.3	11.0	1.81
	80	72	22.1	9.4	1.05	21.3	9.4	1.17	20.3	9.5	1.30	19.2	9.3	1.44	18.0	9.2	1.61	16.6	9.3	1.81
	75	62	18.0	12.3	1.08	17.3	12.2	1.20	16.5	12.2	1.32	15.7	12.0	1.47	14.7	10.9	1.63	13.8	11.7	1.82
600	80	62	18.8	16.1	1.10	18.1	16.4	1.22	17.3	16.0	1.35	16.5	15.6	1.49	15.7	15.2	1.65	14.8	14.7	1.85
	80	67	20.4	13.1	1.09	19.5	13.4	1.21	18.6	13.1	1.34	17.7	12.9	1.48	16.6	12.8	1.65	15.5	12.7	1.84
	80	72	22.5	10.0	1.07	21.6	10.4	1.19	20.3	10.1	1.33	19.2	9.9	1.47	18.0	9.9	1.64	16.8	9.8	1.83
	75	62	18.5	13.2	1.10	17.7	13.4	1.22	16.9	13.1	1.35	16.0	12.9	1.49	15.0	12.8	1.66	14.0	12.7	1.85
675	80	62	19.3	17.4	1.13	18.6	17.3	1.24	17.9	16.7	1.37	17.1	16.2	1.51	16.2	15.7	1.68	15.3	15.2	1.87
	80	67	20.7	14.1	1.12	19.9	14.3	1.23	18.9	13.9	1.36	18.0	13.8	1.51	16.9	13.6	1.67	15.7	13.6	1.86
	80	72	22.5	10.7	1.10	21.5	10.8	1.22	20.5	10.5	1.35	19.4	10.4	1.50	18.3	10.3	1.66	17.0	10.3	1.85
	75	62	18.8	14.2	1.13	18.0	14.3	1.25	17.2	13.9	1.37	16.3	13.8	1.52	15.3	13.6	1.68	14.2	13.5	1.87

BSH2BE4M1RP24K C7B(A,H)MX24(C,U)-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	24.5	20.7	1.06	22.9	19.8	1.38	21.6	19.1	1.64	20.5	18.5	1.85	19.5	18.0	2.05	18.4	17.4	2.33
	80	67	26.6	17.5	1.06	25.1	16.7	1.39	23.8	16.1	1.65	22.5	15.5	1.86	21.5	15.0	2.09	20.3	14.4	2.33
	80	72	29.0	14.2	1.06	27.1	13.5	1.38	25.7	12.9	1.63	24.6	12.4	1.86	23.5	12.0	2.10	22.1	11.4	2.34
	75	62	24.4	17.5	1.06	22.8	16.7	1.38	21.5	16.0	1.64	20.3	15.4	1.85	19.4	14.9	2.05	18.3	14.3	2.33
	75	67	26.5	14.3	1.06	24.9	13.6	1.39	23.5	13.0	1.65	22.3	12.4	1.86	21.2	11.9	2.08	20.0	11.3	2.33
800	80	62	25.0	21.9	1.10	23.4	21.0	1.42	22.0	20.3	1.68	20.8	19.7	1.89	19.9	19.1	2.09	18.8	18.4	2.37
	80	67	27.2	18.4	1.10	25.6	17.6	1.42	24.2	16.9	1.68	23.0	16.4	1.90	21.9	15.8	2.12	20.7	15.2	2.37
	80	72	29.6	14.8	1.10	27.7	14.1	1.41	26.2	13.5	1.67	25.0	12.9	1.90	23.8	12.4	2.13	22.4	11.8	2.37
	75	62	24.9	18.4	1.09	23.2	17.6	1.42	21.9	16.8	1.68	20.7	16.2	1.89	19.7	15.7	2.09	18.6	15.1	2.37
	75	67	27.0	14.9	1.10	25.4	14.1	1.42	24.0	13.5	1.68	22.6	12.8	1.90	21.5	12.3	2.12	20.2	11.7	2.36
900	80	62	25.4	23.0	1.13	23.7	22.1	1.46	22.3	21.3	1.71	21.1	20.6	1.93	20.2	20.0	2.13	19.2	19.2	2.41
	80	67	27.6	19.2	1.13	26.0	18.4	1.46	24.6	17.8	1.72	23.3	17.1	1.94	22.2	16.6	2.16	20.9	15.9	2.40
	80	72	30.0	15.3	1.13	28.1	14.5	1.45	26.6	13.9	1.70	25.3	13.3	1.93	24.1	12.8	2.17	22.6	12.1	2.41
	75	62	25.3	19.2	1.13	23.6	18.4	1.46	22.2	17.6	1.71	21.0	17.0	1.93	19.9	16.4	2.13	18.8	15.8	2.41
	75	67	27.5	15.4	1.13	25.8	14.7	1.46	24.3	13.9	1.72	22.9	13.3	1.94	21.7	12.7	2.16	20.4	12.0	2.40

BSH2BE4M1RP30K C7B(A,H)MX30(C,U)-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	28.3	24.6	0.21	28.2	24.5	1.37	27.4	24.1	1.98	26.1	23.5	2.30	24.6	22.7	2.49	23.0	22.0	2.68
	80	67	31.5	21.0	0.41	31.0	20.7	1.46	29.9	20.2	2.00	28.6	19.6	2.30	27.0	18.9	2.49	25.2	18.3	2.71
	80	72	34.3	16.9	0.52	33.4	16.5	1.49	32.5	16.2	2.00	30.9	15.6	2.28	28.8	14.6	2.48	27.4	14.2	2.71
	75	62	28.1	20.6	0.20	28.1	20.6	1.37	27.2	20.2	1.97	26.0	19.6	2.30	24.5	18.9	2.49	22.7	18.4	2.69
	75	67	31.2	16.9	0.40	30.8	16.7	1.45	29.8	16.3	2.00	28.5	15.7	2.30	26.8	15.1	2.50	24.7	14.0	2.71
1000	80	62	28.9	26.2	0.31	28.8	26.0	1.44	27.9	25.6	2.03	26.6	25.0	2.34	25.0	24.2	2.54	23.3	23.3	2.73
	80	67	31.8	21.6	0.48	31.7	21.7	1.52	30.5	21.2	2.05	29.0	20.6	2.34	27.4	19.9	2.53	25.5	19.3	2.75
	80	72	35.1	17.6	0.60	34.4	17.3	1.55	32.7	16.5	2.04	31.0	15.9	2.32	29.2	15.2	2.51	27.7	14.9	2.75
	75	62	28.8	21.7	0.30	28.6	21.7	1.43	27.7	21.2	2.03	26.4	20.6	2.34	24.9	20.0	2.54	23.0	19.5	2.74
	75	67	31.9	17.6	0.49	31.4	17.4	1.50	30.4	17.0	2.05	28.9	16.4	2.34	26.9	15.3	2.54	25.4	14.9	2.76
1125	80	62	29.4	27.8	0.40	29.2	27.5	1.50	28.3	27.1	2.08	26.9	26.3	2.39	25.4	25.4	2.58	24.0	24.0	2.78
	80	67	32.8	23.4	0.58	32.1	22.7	1.58	30.9	22.2	2.09	29.4	21.5	2.38	27.7	20.9	2.58	25.8	20.4	2.80
	80	72	35.7	18.2	0.67	34.9	18.0	1.60	33.1	17.0	2.08	31.4	16.4	2.36	29.5	15.6	2.55	27.6	14.9	2.80
	75	62	29.3	22.8	0.39	29.1	22.7	1.50	28.1	22.3	2.08	26.8	21.6	2.39	25.2	21.0	2.58	23.3	20.0	2.78
	75	67	32.4	18.3	0.57	31.8	18.0	1.56	30.8	17.5	2.09	29.3	16.9	2.39	27.5	16.3	2.58	25.2	15.0	2.80

COOLING EXPANDED RATINGS (CONTINUED)

BSH2BE4M1SP36K with C7B(A,H)MX36(C,U)-B

BSH2BE4M1SP36K with C7B(A,H)M03642(C,U)-B + TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	36.3	29.2	2.01	34.9	29.0	2.23	33.4	29.1	2.47	31.8	28.5	2.73	30.1	29.4	3.03	28.3	27.7	3.38
	80	67	39.4	24.1	2.02	37.8	23.9	2.25	36.1	24.0	2.48	34.3	23.6	2.75	32.4	23.2	3.05	30.4	21.8	3.40
	80	72	43.5	18.6	2.05	41.7	18.5	2.27	39.7	18.9	2.51	37.6	18.5	2.78	35.2	18.1	3.07	33.0	18.5	3.42
	75	62	35.9	24.3	2.01	34.5	24.1	2.23	32.9	24.2	2.46	31.3	23.6	2.73	29.6	21.7	3.03	27.7	23.3	3.37
1200	80	62	37.2	31.4	2.07	35.7	31.9	2.29	34.2	31.1	2.53	32.5	30.5	2.79	30.9	29.9	3.09	29.2	29.0	3.44
	80	67	40.2	25.7	2.08	38.6	26.3	2.31	36.8	25.6	2.54	34.9	25.3	2.81	33.0	25.3	3.11	30.9	25.1	3.46
	80	72	44.1	19.7	2.11	41.9	20.5	2.33	39.8	19.8	2.57	37.8	19.6	2.83	35.7	19.6	3.14	33.4	19.6	3.48
	75	62	36.6	25.9	2.07	35.1	26.5	2.29	33.5	25.8	2.52	31.8	25.4	2.79	30.1	25.2	3.09	28.1	25.0	3.43
1350	80	62	38.0	33.7	2.12	36.5	33.7	2.35	34.9	32.6	2.59	33.4	31.7	2.85	31.8	30.7	3.16	30.0	29.9	3.51
	80	67	40.8	27.6	2.14	39.1	27.9	2.37	37.3	27.2	2.60	35.4	27.0	2.87	33.4	26.7	3.17	31.2	26.7	3.52
	80	72	44.3	21.1	2.17	42.4	21.4	2.39	40.4	20.7	2.64	38.3	20.7	2.90	36.1	20.5	3.19	33.7	20.6	3.54
	75	62	37.2	27.8	2.12	35.7	28.0	2.34	34.1	27.3	2.58	32.3	27.0	2.85	30.5	26.7	3.15	28.5	26.5	3.49

BSH2BE4M1SP42K with C7B(A,H)MX42(C,U)-B

BSH2BE4M1SP42K with C7B(A,H)M03642(C,U)-B + TXV

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1400	80	62	43.7	35.8	2.57	42.1	35.6	2.80	40.3	35.6	3.07	38.4	34.9	3.38	36.4	35.8	3.73	34.3	33.8	4.12
	80	67	47.4	29.5	2.58	45.5	29.3	2.82	43.5	29.5	3.09	41.4	28.9	3.41	39.1	28.4	3.76	36.7	26.7	4.15
	80	72	51.2	22.8	2.60	49.2	22.6	2.84	47.0	22.9	3.12	44.6	22.4	3.43	42.1	21.9	3.79	39.5	22.3	4.18
	75	62	43.2	29.8	2.56	41.6	29.4	2.80	39.7	29.6	3.07	37.8	28.9	3.37	35.7	26.6	3.73	33.5	28.5	4.11
1600	80	62	44.7	38.3	2.64	43.0	38.9	2.88	41.2	37.8	3.15	39.2	37.0	3.46	37.3	36.1	3.81	35.4	35.1	4.21
	80	67	48.3	31.4	2.66	46.3	32.2	2.90	44.3	31.4	3.17	42.0	30.8	3.49	39.6	30.7	3.84	37.2	30.6	4.23
	80	72	52.1	23.8	2.68	50.0	24.8	2.92	47.7	24.0	3.20	45.2	23.7	3.52	42.7	23.7	3.87	40.0	23.6	4.26
	75	62	44.0	31.6	2.64	42.3	32.2	2.87	40.4	31.4	3.15	38.4	30.9	3.45	36.2	30.7	3.81	34.0	30.4	4.19
1800	80	62	45.6	40.8	2.72	43.9	40.6	2.96	42.0	39.2	3.23	40.2	38.2	3.55	38.3	37.0	3.90	36.2	36.0	4.29
	80	67	48.8	33.7	2.73	46.9	33.8	2.98	44.7	32.9	3.25	42.4	32.7	3.57	40.0	32.4	3.92	37.5	32.3	4.31
	80	72	52.8	25.4	2.75	50.5	25.8	2.99	48.2	25.0	3.28	45.7	24.8	3.60	43.0	24.6	3.95	40.2	24.7	4.34
	75	62	44.6	33.8	2.72	42.8	34.0	2.95	40.9	33.1	3.22	38.8	32.8	3.53	36.6	32.3	3.88	34.3	32.1	4.27

HEATING EXPANDED RATINGS

BSH2BE4M1SP18K with C7B(A,H)MX18(C,U)-B

BSH2BE4M1SP18K with C7B(A,H)M01824(C,U)-B + TXV

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
560	60	8.3	1.80	1.36	10.3	2.21	1.36	11.1	2.39	1.36	13.8	2.99	1.36	16.6	3.59	1.36	18.5	4.00	1.36	19.3	4.18	1.36	22.1	4.78	1.35
	70	7.9	1.80	1.28	9.6	2.17	1.30	10.3	2.33	1.30	12.8	2.84	1.33	15.3	3.33	1.35	17.1	3.67	1.36	17.8	3.81	1.37	20.3	4.28	1.39
	80	7.2	1.73	1.23	8.8	2.08	1.25	9.5	2.22	1.25	11.7	2.68	1.28	14.0	3.12	1.31	15.6	3.42	1.33	16.2	3.55	1.34	18.5	3.95	1.37
660	60	8.4	1.75	1.40	10.4	2.17	1.40	11.2	2.34	1.40	14.0	2.94	1.40	16.8	3.53	1.40	18.8	3.95	1.40	19.6	4.13	1.39	22.4	4.73	1.39
	70	8.0	1.75	1.33	9.7	2.12	1.35	10.5	2.27	1.35	13.0	2.78	1.37	15.6	3.28	1.39	17.4	3.62	1.41	18.1	3.76	1.41	20.7	4.23	1.43
	80	7.4	1.71	1.26	9.0	2.04	1.29	9.7	2.18	1.30	12.0	2.64	1.33	14.3	3.07	1.37	15.9	3.36	1.39	16.6	3.48	1.40	18.9	3.87	1.43
760	60	8.6	1.74	1.45	10.6	2.14	1.45	11.4	2.32	1.44	14.2	2.90	1.44	17.0	3.50	1.43	19.0	3.92	1.42	19.9	4.10	1.42	22.7	4.70	1.41
	70	8.0	1.72	1.37	9.9	2.09	1.39	10.6	2.24	1.39	13.2	2.75	1.41	15.8	3.25	1.43	17.7	3.59	1.44	18.4	3.73	1.45	21.0	4.20	1.47
	80	7.5	1.68	1.31	9.1	2.01	1.33	9.8	2.14	1.34	12.2	2.58	1.38	14.5	3.00	1.41	16.1	3.28	1.44	16.8	3.40	1.45	19.1	3.77	1.49

BSH2BE4M1RP24K C7B(A,H)MX24C,U)-B

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
750	60	11.7	2.17	1.58	14.1	2.56	1.61	15.1	2.72	1.63	18.5	3.25	1.67	22.0	3.74	1.72	24.3	4.08	1.75	25.4	4.21	1.77	28.8	4.66	1.81
	70	11.1	2.12	1.54	13.4	2.47	1.59	14.3	2.61	1.61	17.5	3.06	1.68	20.7	3.47	1.75	22.9	3.74	1.80	23.9	3.85	1.82	27.0	4.20	1.89
	80	10.6	2.04	1.52	12.6	2.35	1.57	13.5	2.48	1.60	16.4	2.87	1.68	19.4	3.23	1.76	21.4	3.47	1.81	22.3	3.56	1.84	25.2	3.86	1.92
850	60	11.8	2.12	1.62	14.2	2.52	1.65	15.2	2.68	1.67	18.7	3.21	1.71	22.2	3.71	1.75	24.6	4.05	1.79	25.7	4.19	1.80	29.2	4.64	1.84
	70	11.3	2.08	1.59	13.5	2.43	1.63	14.5	2.57	1.65	17.7	3.02	1.72	20.9	3.44	1.79	23.2	3.71	1.83	24.2	3.83	1.85	27.4	4.19	1.92
	80	10.7	2.01	1.56	12.8	2.32	1.61	13.7	2.45	1.64	16.7	2.84	1.72	19.7	3.20	1.80	21.8	3.44	1.86	22.7	3.53	1.88	25.7	3.83	1.97
950	60	11.9	2.09	1.67	14.4	2.48	1.70	15.4	2.65	1.71	18.9	3.18	1.75	22.4	3.68	1.79	24.9	4.02	1.81	25.9	4.17	1.82	29.4	4.63	1.86
	70	11.4	2.05	1.62	13.7	2.40	1.67	14.6	2.54	1.69	17.9	3.00	1.75	21.2	3.42	1.82	23.5	3.70	1.86	24.5	3.81	1.88	27.8	4.18	1.95
	80	10.8	1.98	1.60	12.9	2.29	1.65	13.8	2.41	1.68	16.8	2.80	1.76	19.9	3.16	1.84	22.0	3.39	1.90	22.9	3.49	1.92	25.9	3.78	2.01

BSH2BE4M1RP30K C7B(A,H)MX30C,U)-B

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
910	60	15.2	2.39	1.86	18.2	2.79	1.92	19.5	2.95	1.94	23.8	3.47	2.01	28.1	3.95	2.08	31.1	4.27	2.13	32.4	4.41	2.15	36.6	4.83	2.23
	70	14.6	2.29	1.87	17.4	2.65	1.93	18.6	2.79	1.96	22.7	3.24	2.05	26.8	3.66	2.15	29.6	3.93	2.21	30.8	4.04	2.24	34.9	4.39	2.33
	80	14.0	2.18	1.89	16.7	2.50	1.96	17.8	2.63	1.99	21.7	3.03	2.10	25.5	3.40	2.20	28.2	3.64	2.27	29.3	3.73	2.30	33.2	4.04	2.41
1010	60	15.3	2.35	1.90	18.3	2.75	1.95	19.6	2.92	1.97	24.0	3.44	2.04	28.3	3.93	2.11	31.4	4.26	2.16	32.7	4.39	2.18	37.0	4.83	2.25
	70	14.7	2.26	1.91	17.6	2.61	1.97	18.8	2.76	2.00	22.9	3.22	2.09	27.0	3.64	2.18	29.9	3.92	2.24	31.2	4.03	2.27	35.3	4.39	2.36
	80	14.1	2.15	1.92	16.8	2.47	2.00	18.0	2.60	2.03	21.9	3.01	2.13	25.8	3.38	2.24	28.5	3.62	2.31	29.7	3.72	2.34	33.6	4.03	2.44
1110	60	15.4	2.32	1.94	18.4	2.72	1.99	19.8	2.88	2.01	24.2	3.41	2.07	28.5	3.91	2.14	31.6	4.24	2.19	32.9	4.38	2.21	37.3	4.82	2.27
	70	14.8	2.24	1.94	17.7	2.59	2.01	19.0	2.74	2.03	23.1	3.20	2.12	27.3	3.63	2.21	30.2	3.91	2.27	31.5	4.02	2.29	35.6	4.39	2.38
	80	14.2	2.13	1.96	17.0	2.45	2.03	18.2	2.58	2.06	22.1	2.99	2.17	26.0	3.36	2.27	28.7	3.60	2.34	29.9	3.70	2.37	33.8	4.01	2.48

BSH2BE4M1SP36K with C7B(A,H)MX36(C,U)-B

BSH2BE4M1SP36K with C7B(A,H)M03642(C,U)-B + TXV

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
990	60	18.3	2.47	2.17	21.3	2.81	2.22	22.5	2.95	2.24	26.8	3.40	2.31	31.0	3.82	2.38	34.0	4.10	2.43	35.3	4.22	2.45	39.5	4.60	2.52
	70	17.6	2.32	2.22	20.4	2.63	2.28	21.7	2.75	2.31	25.7	3.15	2.39	29.7	3.52	2.48	32.6	3.77	2.54	33.8	3.87	2.56	37.8	4.19	2.65
	80	17.1	2.18	2.29	19.7	2.45	2.36	20.9	2.57	2.39	24.7	2.92	2.48	28.5	3.25	2.57	31.1	3.47	2.63	32.3	3.56	2.66	36.1	3.84	2.75
1140	60	18.4	2.43	2.23	21.5	2.77	2.27	22.8	2.92	2.29	27.1	3.38	2.36	31.4	3.81	2.42	34.5	4.10	2.46	35.8	4.22	2.48	40.1	4.62	2.55
	70	17.8	2.29	2.28	20.7	2.60	2.34	21.9	2.73	2.36	26.0	3.13	2.44	30.1	3.51	2.52	33.0	3.77	2.57	34.3	3.87	2.60	38.4	4.21	2.67
	80	17.2	2.15	2.35	19.9	2.43	2.41	21.1	2.54	2.44	25.0	2.91	2.52	28.9	3.24	2.61	31.6	3.47	2.68	32.8	3.56	2.70	36.7	3.86	2.79
1290	60	18.6	2.39	2.28	21.6	2.74	2.32	23.0	2.88	2.34	27.4	3.35	2.40	31.8	3.79	2.46	34.9	4.09	2.50	36.2	4.22	2.52	40.6	4.62	2.58
	70	18.0	2.27	2.33	20.9	2.58	2.38	22.2	2.71	2.40	26.4	3.12	2.48	30.5	3.51	2.55	33.5	3.76	2.61	34.7	3.87	2.63	38.9	4.22	2.71
	80	17.4	2.13	2.40	20.2	2.41	2.46	21.4	2.52	2.48	25.3	2.89	2.57	29.2	3.23	2.65	32.0	3.46	2.71	33.2	3.55	2.74	37.1	3.85	2.83

HEATING EXPANDED RATINGS (CONTINUED)

BSH2BE4M1SP42K with C7B(A,H)MX42(C,U)-B

BSH2BE4M1SP42K with C7B(A,H)M03642(C,U)-B + TXV

		OUTDOOR TEMPERATURE (Deg. F)																							
	Indoor T.	10			17			20			30			40			47			50			60		
CFM	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1125	60	21.9	2.48	2.59	25.7	2.81	2.69	27.4	2.94	2.73	32.8	3.36	2.87	38.3	3.74	3.01	42.2	3.98	3.11	43.8	4.08	3.15	49.3	4.40	3.29
	70	21.1	2.29	2.71	24.8	2.59	2.81	26.4	2.71	2.86	31.7	3.09	3.01	37.0	3.43	3.17	40.7	3.65	3.27	42.3	3.74	3.32	47.6	4.02	3.47
	80	20.6	2.12	2.84	24.1	2.39	2.96	25.7	2.50	3.01	30.7	2.84	3.17	35.8	3.14	3.34	39.3	3.34	3.45	40.9	3.42	3.50	45.9	3.67	3.67
1275	60	22.0	2.45	2.64	25.9	2.79	2.73	27.6	2.92	2.77	33.2	3.35	2.90	38.8	3.75	3.03	42.7	4.00	3.13	44.3	4.11	3.17	49.9	4.44	3.30
	70	21.3	2.27	2.75	25.1	2.58	2.85	26.7	2.70	2.90	32.1	3.09	3.04	37.4	3.44	3.19	41.2	3.67	3.29	42.8	3.76	3.34	48.2	4.06	3.48
	80	20.7	2.11	2.89	24.3	2.38	3.00	25.9	2.49	3.05	31.1	2.84	3.20	36.2	3.16	3.36	39.8	3.37	3.47	41.4	3.45	3.52	46.5	3.71	3.67
1425	60	22.1	2.42	2.68	26.1	2.76	2.77	27.8	2.90	2.81	33.4	3.34	2.94	39.1	3.74	3.06	43.1	4.01	3.15	44.8	4.11	3.19	50.5	4.45	3.32
	70	21.6	2.26	2.80	25.4	2.57	2.89	27.0	2.70	2.94	32.4	3.09	3.08	37.8	3.45	3.22	41.6	3.68	3.31	43.3	3.78	3.36	48.7	4.08	3.50
	80	20.9	2.09	2.93	24.6	2.37	3.04	26.1	2.49	3.08	31.4	2.84	3.23	36.6	3.17	3.38	40.2	3.38	3.49	41.8	3.47	3.53	47.0	3.74	3.69

HEATING EXPANDED RATINGS WITH AIR HANDLER

BSH2BE4M1SP18K with B6BMM024K-A

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T.	10			17			20			30			40			47			50			60		
	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
545	60	8.3	1.90	1.28	10.3	2.34	1.29	11.2	2.53	1.29	14.0	3.14	1.31	16.8	3.74	1.32	18.8	4.15	1.33	19.6	4.33	1.33	22.4	4.91	1.34
	70	7.8	1.93	1.19	9.6	2.32	1.22	10.4	2.48	1.23	13.0	3.00	1.27	15.5	3.49	1.30	17.3	3.82	1.33	18.1	3.96	1.34	20.7	4.40	1.38
	80	7.2	1.89	1.12	8.9	2.24	1.16	9.5	2.39	1.17	11.9	2.86	1.22	14.2	3.29	1.26	15.8	3.58	1.30	16.5	3.70	1.31	18.8	4.07	1.36
645	60	8.4	1.85	1.33	10.4	2.28	1.33	11.3	2.47	1.34	14.1	3.08	1.35	17.0	3.68	1.36	19.0	4.09	1.36	19.9	4.27	1.37	22.8	4.85	1.38
	70	7.9	1.87	1.25	9.8	2.26	1.27	10.6	2.42	1.28	13.2	2.94	1.32	15.8	3.43	1.35	17.6	3.76	1.37	18.4	3.90	1.38	21.0	4.34	1.42
	80	7.3	1.85	1.16	9.0	2.20	1.20	9.7	2.35	1.22	12.1	2.81	1.27	14.5	3.23	1.32	16.2	3.50	1.35	16.9	3.62	1.37	19.3	3.98	1.42
745	60	8.6	1.83	1.38	10.6	2.25	1.38	11.5	2.44	1.38	14.4	3.04	1.39	17.2	3.64	1.39	19.3	4.05	1.39	20.1	4.23	1.40	23.0	4.82	1.40
	70	8.0	1.83	1.28	9.9	2.22	1.31	10.7	2.38	1.32	13.4	2.90	1.35	16.0	3.39	1.39	17.9	3.72	1.41	18.7	3.86	1.42	21.4	4.31	1.46
	80	7.5	1.82	1.21	9.2	2.16	1.25	9.9	2.30	1.26	12.3	2.74	1.31	14.7	3.15	1.37	16.4	3.42	1.40	17.1	3.53	1.42	19.5	3.88	1.47

BSH2BE4M1SP24K with B6BMM024K-A

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T.	10			17			20			30			40			47			50			60		
	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
750	60	11.4	2.27	1.47	13.8	2.69	1.50	14.8	2.87	1.51	18.2	3.43	1.56	21.7	3.97	1.60	24.1	4.32	1.63	25.1	4.47	1.65	28.6	4.95	1.69
	70	10.8	2.25	1.41	13.1	2.62	1.46	14.0	2.78	1.48	17.2	3.26	1.55	20.4	3.70	1.62	22.6	3.98	1.67	23.6	4.10	1.69	26.8	4.47	1.76
	80	10.2	2.19	1.37	12.3	2.53	1.43	13.2	2.66	1.45	16.1	3.09	1.53	19.1	3.47	1.61	21.2	3.72	1.67	22.1	3.82	1.69	25.0	4.13	1.78
850	60	11.4	2.21	1.51	13.9	2.64	1.54	14.9	2.82	1.55	18.4	3.38	1.60	21.9	3.92	1.64	24.4	4.28	1.67	25.4	4.43	1.68	28.9	4.92	1.73
	70	10.9	2.20	1.46	13.2	2.57	1.51	14.2	2.72	1.53	17.4	3.21	1.59	20.7	3.65	1.66	22.9	3.94	1.71	23.9	4.06	1.73	27.2	4.44	1.79
	80	10.3	2.15	1.41	12.4	2.49	1.47	13.4	2.62	1.49	16.4	3.05	1.58	19.4	3.43	1.66	21.5	3.67	1.72	22.4	3.77	1.74	25.5	4.08	1.83
950	60	11.6	2.18	1.56	14.0	2.60	1.58	15.1	2.77	1.60	18.6	3.34	1.63	22.2	3.89	1.67	24.6	4.25	1.70	25.7	4.41	1.71	29.2	4.90	1.75
	70	11.0	2.16	1.50	13.3	2.54	1.54	14.3	2.69	1.56	17.6	3.18	1.63	20.9	3.62	1.69	23.2	3.92	1.74	24.2	4.04	1.76	27.5	4.42	1.82
	80	10.5	2.12	1.45	12.6	2.45	1.51	13.5	2.58	1.54	16.5	3.00	1.62	19.6	3.37	1.70	21.7	3.61	1.76	22.6	3.71	1.79	25.7	4.02	1.87

BSH2BE4M1SP30K with B6BMM030K-A

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
880	60	13.3	2.16	1.81	16.4	2.59	1.85	17.7	2.77	1.87	22.1	3.35	1.93	26.5	3.89	2.00	29.6	4.24	2.04	30.9	4.39	2.06	35.3	4.87	2.13
	70	12.7	2.07	1.80	15.6	2.46	1.86	16.9	2.62	1.88	21.0	3.13	1.97	25.2	3.60	2.05	28.1	3.90	2.11	29.4	4.03	2.14	33.6	4.42	2.23
	80	12.1	1.96	1.81	14.9	2.32	1.88	16.0	2.47	1.91	20.0	2.93	2.00	23.9	3.34	2.10	26.7	3.61	2.17	27.9	3.72	2.20	31.8	4.07	2.29
980	60	13.3	2.12	1.84	16.5	2.56	1.89	17.8	2.74	1.91	22.3	3.32	1.97	26.8	3.86	2.03	29.9	4.23	2.07	31.2	4.38	2.09	35.7	4.86	2.15
	70	12.8	2.04	1.84	15.8	2.43	1.90	17.0	2.59	1.92	21.2	3.11	2.01	25.5	3.58	2.09	28.4	3.89	2.15	29.7	4.01	2.17	33.9	4.42	2.25
	80	12.2	1.94	1.85	15.0	2.30	1.91	16.2	2.45	1.94	20.2	2.91	2.04	24.2	3.32	2.14	27.0	3.60	2.21	28.2	3.71	2.23	32.2	4.06	2.33
1080	60	13.4	2.09	1.89	16.6	2.53	1.93	18.0	2.71	1.94	22.5	3.29	2.00	27.0	3.84	2.06	30.1	4.21	2.10	31.5	4.36	2.12	36.0	4.85	2.17
	70	12.9	2.02	1.88	15.9	2.41	1.93	17.2	2.58	1.96	21.5	3.09	2.04	25.7	3.56	2.12	28.7	3.88	2.17	30.0	4.00	2.20	34.3	4.41	2.28
	80	12.3	1.92	1.88	15.2	2.28	1.95	16.4	2.42	1.98	20.4	2.88	2.08	24.4	3.30	2.17	27.2	3.57	2.24	28.4	3.68	2.27	32.5	4.03	2.36

BSH2BE4M1SP36K with B6BMM042K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T.	10			17			20			30			40			47			50			60		
	Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1045	60	16.9	2.25	2.21	20.4	2.66	2.25	21.9	2.83	2.27	26.8	3.37	2.33	31.7	3.88	2.39	35.1	4.22	2.44	36.6	4.37	2.46	41.5	4.83	2.52
	70	16.3	2.11	2.26	19.6	2.48	2.31	21.0	2.63	2.34	25.7	3.12	2.41	30.4	3.58	2.49	33.7	3.88	2.55	35.1	4.01	2.57	39.8	4.41	2.65
	80	15.7	1.98	2.33	18.8	2.31	2.39	20.2	2.45	2.42	24.7	2.89	2.50	29.1	3.30	2.59	32.3	3.58	2.64	33.6	3.69	2.67	38.1	4.05	2.75
1195	60	17.1	2.22	2.26	20.6	2.63	2.30	22.1	2.80	2.31	27.1	3.35	2.37	32.1	3.87	2.43	35.6	4.22	2.47	37.1	4.37	2.49	42.1	4.84	2.55
	70	16.5	2.09	2.31	19.8	2.46	2.36	21.2	2.61	2.39	26.0	3.10	2.46	30.8	3.57	2.53	34.1	3.88	2.58	35.6	4.01	2.60	40.3	4.42	2.68
	80	15.9	1.95	2.39	19.1	2.29	2.44	20.4	2.43	2.47	25.0	2.88	2.55	29.6	3.30	2.63	32.8	3.58	2.69	34.1	3.69	2.71	38.7	4.07	2.79
1345	60	17.2	2.19	2.31	20.8	2.60	2.34	22.3	2.77	2.36	27.4	3.32	2.41	32.4	3.85	2.47	36.0	4.21	2.51	37.5	4.36	2.52	42.6	4.84	2.58
	70	16.7	2.07	2.36	20.1	2.44	2.41	21.5	2.60	2.43	26.4	3.09	2.50	31.2	3.56	2.57	34.6	3.88	2.62	36.0	4.01	2.64	40.9	4.43	2.71
	80	16.1	1.94	2.43	19.3	2.27	2.49	20.7	2.41	2.51	25.3	2.86	2.59	29.9	3.28	2.67	33.1	3.57	2.72	34.5	3.68	2.75	39.1	4.06	2.83

HEATING EXPANDED RATINGS WITH AIR HANDLER (CONTINUED)

BSH2BE4M1SP42K with B6BMM042K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1125	60	21.0	2.39	2.58	24.9	2.75	2.65	26.6	2.90	2.69	32.1	3.38	2.79	37.7	3.81	2.90	41.6	4.10	2.97	43.3	4.22	3.01	48.8	4.60	3.11
	70	20.3	2.21	2.69	24.1	2.54	2.77	25.7	2.68	2.81	31.0	3.11	2.93	36.4	3.50	3.05	40.1	3.76	3.13	41.7	3.87	3.17	47.1	4.20	3.29
	80	19.8	2.05	2.82	23.4	2.35	2.91	24.9	2.47	2.95	30.0	2.86	3.08	35.2	3.22	3.20	38.8	3.45	3.29	40.3	3.55	3.33	45.4	3.85	3.46
1275	60	21.2	2.37	2.62	25.1	2.74	2.70	26.8	2.89	2.73	32.5	3.37	2.83	38.1	3.82	2.93	42.1	4.12	3.00	43.8	4.24	3.03	49.4	4.63	3.13
	70	20.5	2.20	2.74	24.3	2.53	2.82	25.9	2.67	2.85	31.4	3.11	2.96	36.8	3.51	3.07	40.6	3.78	3.15	42.2	3.89	3.19	47.7	4.24	3.30
	80	19.9	2.03	2.87	23.6	2.34	2.95	25.1	2.46	2.99	30.4	2.86	3.11	35.6	3.23	3.23	39.2	3.47	3.32	40.8	3.57	3.35	46.0	3.89	3.47
1425	60	21.3	2.34	2.67	25.3	2.71	2.73	27.0	2.86	2.76	32.7	3.36	2.86	38.5	3.81	2.96	42.5	4.12	3.03	44.2	4.24	3.06	50.0	4.65	3.15
	70	20.7	2.19	2.78	24.6	2.52	2.86	26.2	2.66	2.89	31.7	3.11	3.00	37.2	3.52	3.10	41.1	3.79	3.18	42.7	3.90	3.21	48.2	4.26	3.32
	80	20.1	2.02	2.91	23.8	2.33	2.99	25.4	2.46	3.03	30.7	2.86	3.14	35.9	3.23	3.26	39.6	3.48	3.34	41.2	3.58	3.37	46.5	3.91	3.49

BSH2BE4M1SP48K with B6BMM060K-C

		OUTDOOR TEMPERATURE (Deg. F)																							
CFM	Indoor T. Deg.F	10			17			20			30			40			47			50			60		
		MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW
1355	60	22.8	2.50	2.67	27.4	2.89	2.78	29.3	3.04	2.83	35.9	3.53	2.98	42.4	3.96	3.14	47.0	4.24	3.25	48.9	4.36	3.29	55.5	4.72	3.45
	70	22.0	2.30	2.80	26.5	2.66	2.92	28.4	2.80	2.97	34.7	3.24	3.14	41.1	3.64	3.31	45.5	3.90	3.43	47.4	4.00	3.48	53.8	4.33	3.65
	80	21.5	2.14	2.95	25.8	2.46	3.08	27.6	2.59	3.13	33.7	2.99	3.31	39.9	3.35	3.49	44.2	3.58	3.62	46.0	3.67	3.68	52.1	3.96	3.86
1555	60	23.0	2.48	2.73	27.7	2.87	2.83	29.7	3.03	2.87	36.3	3.53	3.02	43.0	3.98	3.16	47.6	4.28	3.27	49.6	4.40	3.31	56.3	4.78	3.46
	70	22.3	2.29	2.86	26.8	2.65	2.97	28.8	2.80	3.02	35.2	3.25	3.18	41.6	3.66	3.33	46.2	3.93	3.45	48.1	4.04	3.49	54.5	4.38	3.65
	80	21.7	2.11	3.01	26.1	2.44	3.13	27.9	2.58	3.18	34.2	2.99	3.35	40.4	3.37	3.52	44.8	3.61	3.64	46.7	3.71	3.69	52.9	4.02	3.86
1755	60	23.1	2.44	2.78	27.9	2.84	2.88	29.9	3.00	2.92	36.7	3.52	3.06	43.5	3.98	3.20	48.2	4.29	3.30	50.3	4.41	3.34	57.0	4.80	3.48
	70	22.6	2.28	2.92	27.2	2.64	3.02	29.1	2.79	3.07	35.7	3.25	3.22	42.2	3.68	3.37	46.8	3.95	3.47	48.7	4.06	3.52	55.2	4.42	3.67
	80	22.0	2.10	3.07	26.4	2.43	3.18	28.3	2.57	3.23	34.6	3.00	3.39	40.9	3.38	3.55	45.4	3.63	3.66	47.2	3.74	3.71	53.6	4.06	3.87



GENERAL TERMS OF LIMITED WARRANTY

Nortek Global HVAC, LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

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

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