

VT6BF Series

High Efficiency Heat Pump 16 SEER Residential System 2 – 4 Ton Capacity

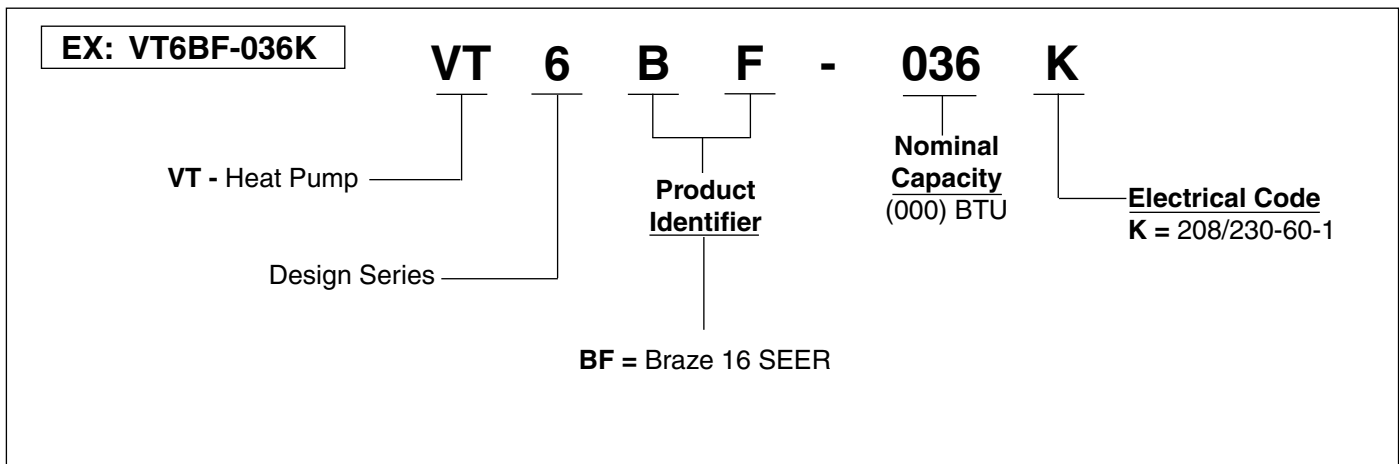
The VT6BF Series of heat pumps offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling and heating equipment.



FEATURES and BENEFITS

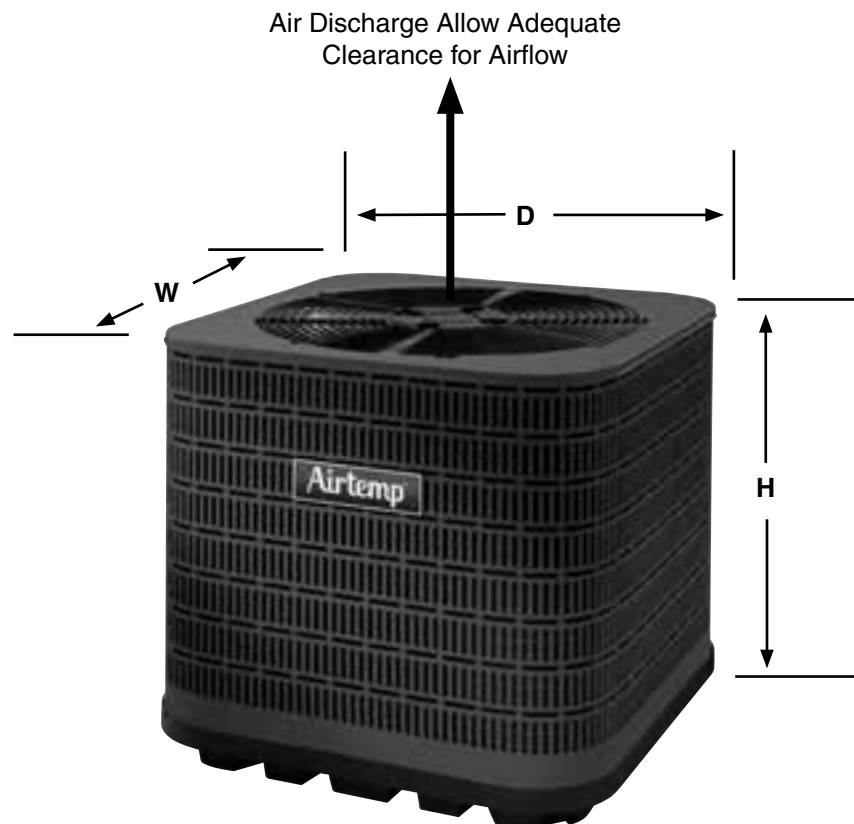
- **Composite Base Pan:** Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- **Permanently Lubricated Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Designed Using Galvanized Steel:** With a polyester urethane coat finish that passes 950 hours of salt spray per ASTM Std. B117.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter Drier:** Included with unit, field installed.
- **One Piece Top/Orifice:** Designed for maximum airflow and quiet operation.
- **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.
- **Suction Accumulator:** Protection from liquid flood back and future compressor failures.
- **Hot Gas Muffler:** Reduces compressor noise and vibration.
- **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.
- **Complete Metal Wrapper:** Protects the units coil from being damaged.
- **Fixed Orifice:** Integrated in liquid line service valve for easy change-out.
- **Micro-Channel Coils:** All aluminum coils in all models which provides high corrosion resistance.

MODEL IDENTIFICATION CODES



DIMENSIONS OUTDOOR SECTION

VT6BF	024K	030K	036K	042K	048K
H	35 1/2"	35 1/2"	43"	43"	43"
W	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"



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

16 SEER — High Efficiency — Single Phase

Model Number VT6BF			024K	030K	036K	042K	048K
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1				
	Total Amps		14.4	13.7	16.7	20.5	20.6
	Delay Fuse Max. (2)		30	25	30	40	40
	Min. Circuit Ampacity		17.7	16.9	20.2	25.0	25.1
Component Data	Fan Motor	Type	PSC		BLDC		
		Amps	0.9	0.9	2.6	2.6	2.6
		HP	0.13	0.13	0.33	0.33	0.33
	Compressor Data	RLA	13.4	12.8	14.1	17.9	18.0
		LRA	58.3	64.0	77.0	112.0	117.0
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length."		0-24 ft.	3/4"	3/4"	7/8"	7/8"	7/8"
		25-39 ft.	3/4"	3/4"	7/8"	7/8"	7/8"
		40-75 ft.	3/4"	3/4"	7/8"	7/8"	7/8"
Approximate Weight (lbs.)		Net	164	172	180	215	220
		Ship	173	181	189	224	229
Sound Rating db			71	71	73	74	74

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

(2) HACR Type Circuit Breakers may be used.

(3) 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.

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 - 1017210

Low Ambient Kit - 918837

SYSTEM HEATING AND COOLING CAPACITIES

16 SEER — High Efficiency — Single Phase

With E3/E4 Furnace							
Outdoor Unit	Indoor Unit	BTUH	SEER	EER	Heating Capacity BTUH @ 47° F	HSPF	CFM
VT6BF-024K	B6VMMX24K-B	24,000	16.0	13.0	22,800	9.0	900
VT6BF-030K	B6VMMX30K-B	28,600	16.0	13.0	28,400	9.0	1,090
VT6BF-036K	B6VMMX36K-B	34,200	16.0	13.0	33,800	9.0	1,230
VT6BF-042K	B6VMMX48K-C	40,500	16.0	13.0	40,500	9.0	1,315
VT6BF-048K	B6VMMX48K-C	45,500	16.0	13.0	45,000	9.0	1,420

All ratings are with time delay relay.

See current AHRI Directory for certified combinations and ratings.

www.ahridirectory.org

COOLING EXPANDED RATINGS

VT6BF-024K with B6VMMX24K-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.
800	80	62	25.1	22.0	1.24	24.1	21.3	1.37	23.0	20.7	1.54	21.7	20.0	1.75	20.2	19.4	1.99	18.6	18.6	2.27
	80	67	27.7	19.0	1.24	26.7	18.3	1.37	25.6	17.7	1.54	24.3	17.0	1.75	22.9	16.4	1.99	21.3	15.7	2.27
	80	72	29.3	14.9	1.24	28.3	14.2	1.37	27.2	13.6	1.54	25.9	13.0	1.75	24.5	12.3	1.99	22.8	11.7	2.27
	75	62	24.8	18.8	1.24	23.9	18.1	1.37	22.7	17.5	1.54	21.5	16.8	1.75	20.0	16.2	1.99	18.4	15.5	2.27
900	80	62	25.5	23.3	1.27	24.5	22.6	1.40	23.4	22.0	1.57	22.1	21.3	1.78	20.7	20.7	2.02	19.0	19.0	2.30
	80	67	28.1	20.3	1.27	27.2	19.6	1.40	26.0	19.0	1.57	24.8	18.3	1.78	23.3	17.7	2.02	21.7	17.1	2.30
	80	72	29.7	16.2	1.27	28.7	15.6	1.40	27.6	14.9	1.57	26.3	14.3	1.78	24.9	13.6	2.02	23.3	13.0	2.30
	75	62	25.3	20.1	1.26	24.3	19.4	1.40	23.2	18.8	1.57	21.9	18.1	1.77	20.4	17.5	2.02	18.8	16.8	2.30
1000	80	62	26.0	23.9	1.29	25.1	23.3	1.43	23.9	22.7	1.60	22.6	22.0	1.80	21.2	21.2	2.05	19.6	19.6	2.33
	80	67	28.7	21.0	1.29	27.7	20.3	1.43	26.6	19.7	1.60	25.3	19.0	1.80	23.8	18.4	2.05	22.2	17.7	2.33
	80	72	30.2	16.9	1.29	29.3	16.2	1.43	28.2	15.6	1.60	26.9	14.9	1.80	25.4	14.3	2.05	23.8	13.7	2.33
	75	62	25.8	20.7	1.29	24.8	20.1	1.42	23.7	19.5	1.59	22.4	18.8	1.80	21.0	18.2	2.04	19.3	17.5	2.32

VT6BF-030K with B6VMMX30K-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	29.1	24.8	1.48	28.2	24.2	1.63	27.0	23.6	1.83	25.6	22.9	2.08	23.9	22.1	2.38	22.0	21.2	2.73
	80	67	31.8	21.1	1.49	30.9	20.6	1.64	29.8	19.9	1.84	28.3	19.2	2.09	26.6	18.4	2.39	24.7	17.6	2.73
	80	72	33.4	16.4	1.49	32.5	15.8	1.65	31.4	15.1	1.85	29.9	14.4	2.09	28.3	13.6	2.39	26.3	12.8	2.74
	75	62	28.5	20.9	1.48	27.6	20.3	1.63	26.5	19.7	1.83	25.1	19.0	2.08	23.4	18.2	2.38	21.4	17.3	2.73
1000	80	62	29.3	26.3	1.53	28.4	25.7	1.68	27.3	25.0	1.88	25.8	24.3	2.13	24.2	23.5	2.43	22.2	22.2	2.77
	80	67	32.0	22.6	1.53	31.1	22.0	1.68	30.0	21.4	1.88	28.6	20.6	2.13	26.9	19.9	2.43	24.9	19.0	2.78
	80	72	33.6	17.8	1.54	32.7	17.2	1.69	31.6	16.6	1.89	30.2	15.9	2.14	28.5	15.1	2.44	26.5	14.2	2.78
	75	62	28.7	22.4	1.53	27.9	21.8	1.68	26.7	21.2	1.88	25.3	20.4	2.13	23.6	19.7	2.43	21.6	18.8	2.77
1125	80	62	31.2	27.6	1.57	30.3	27.0	1.72	29.2	26.4	1.92	27.7	25.7	2.17	26.0	24.9	2.47	24.1	24.0	2.82
	80	67	33.9	24.0	1.58	33.0	23.4	1.73	31.9	22.7	1.93	30.4	22.0	2.18	28.8	21.2	2.48	26.8	20.4	2.82
	80	72	35.5	19.2	1.58	34.6	18.6	1.74	33.5	17.9	1.94	32.1	17.2	2.18	30.4	16.4	2.48	28.4	15.6	2.83
	75	62	30.6	23.8	1.57	29.8	23.2	1.72	28.6	22.5	1.92	27.2	21.8	2.17	25.5	21.0	2.47	23.5	20.2	2.82

COOLING EXPANDED RATINGS (CONTINUED)

VT6BF-036K with B6VMMX36K-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	35.4	30.8	1.81	34.2	30.0	1.99	32.6	29.2	2.22	30.8	28.4	2.49	28.8	27.6	2.80	26.5	26.5	3.16
	80	67	38.7	25.8	1.82	37.4	25.0	2.01	35.9	24.2	2.23	34.1	23.4	2.50	32.0	22.6	2.82	29.7	21.7	3.18
	80	72	41.6	20.4	1.84	40.3	19.6	2.02	38.8	18.8	2.25	37.0	18.0	2.52	34.9	17.2	2.83	32.6	16.4	3.19
	75	62	35.3	26.0	1.81	34.0	25.2	1.99	32.5	24.4	2.22	30.7	23.6	2.49	28.6	22.8	2.81	26.3	22.0	3.17
1200	80	62	35.8	32.5	1.88	34.5	31.7	2.06	33.0	31.0	2.29	31.2	30.1	2.56	29.1	29.1	2.88	26.8	26.8	3.23
	80	67	39.0	27.5	1.90	37.7	26.7	2.08	36.2	25.9	2.31	34.4	25.1	2.58	32.3	24.3	2.89	30.0	23.5	3.25
	80	72	41.9	22.1	1.91	40.7	21.4	2.09	39.1	20.6	2.32	37.3	19.8	2.59	35.3	18.9	2.91	32.9	18.1	3.27
	75	62	35.7	27.7	1.88	34.4	26.9	2.07	32.8	26.1	2.30	31.0	25.3	2.57	29.0	24.5	2.88	26.7	23.7	3.24
1350	80	62	36.8	33.4	1.95	35.5	32.6	2.14	34.0	31.8	2.36	32.2	31.0	2.63	30.1	30.1	2.95	27.8	27.8	3.31
	80	67	40.0	28.4	1.97	38.8	27.6	2.15	37.2	26.8	2.38	35.4	26.0	2.65	33.4	25.2	2.96	31.0	24.4	3.32
	80	72	42.9	23.0	1.98	41.7	22.2	2.17	40.1	21.5	2.40	38.3	20.6	2.67	36.3	19.8	2.98	34.0	19.0	3.34
	75	62	36.7	28.6	1.96	35.4	27.8	2.14	33.9	27.0	2.37	32.1	26.2	2.64	30.0	25.4	2.95	27.7	24.6	3.31

VT6BF-042K with B6VMMX42K-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	42.9	36.9	2.21	41.2	35.9	2.44	39.3	34.8	2.72	37.0	33.7	3.05	34.5	32.6	3.43	31.7	31.4	3.86
	80	67	47.2	31.3	2.21	45.5	30.3	2.44	43.5	29.2	2.72	41.3	28.1	3.05	38.8	26.9	3.43	36.0	25.8	3.86
	80	72	50.3	24.5	2.21	48.6	23.5	2.44	46.7	22.4	2.72	44.4	21.3	3.05	41.9	20.2	3.43	39.1	19.0	3.86
	75	62	42.6	31.2	2.21	40.9	30.2	2.44	38.9	29.1	2.72	36.7	28.0	3.05	34.2	26.9	3.43	31.4	25.7	3.86
1400	80	62	43.4	39.0	2.28	41.7	37.9	2.52	39.7	36.9	2.80	37.5	35.8	3.13	34.9	34.6	3.51	32.1	32.1	3.94
	80	67	47.6	33.4	2.28	45.9	32.3	2.51	44.0	31.3	2.79	41.7	30.1	3.12	39.2	29.0	3.50	36.4	27.9	3.93
	80	72	50.7	26.6	2.28	49.0	25.6	2.51	47.1	24.5	2.79	44.8	23.4	3.12	42.3	22.3	3.50	39.5	21.1	3.93
	75	62	43.0	33.3	2.28	41.3	32.3	2.51	39.3	31.2	2.79	37.1	30.1	3.12	34.6	29.0	3.50	31.8	27.8	3.93
1575	80	62	44.9	40.4	2.36	43.3	39.3	2.59	41.3	38.2	2.87	39.0	37.1	3.20	36.5	36.0	3.58	33.7	33.7	4.01
	80	67	49.2	34.8	2.36	47.5	33.7	2.59	45.6	32.6	2.87	43.3	31.5	3.20	40.8	30.4	3.58	38.0	29.3	4.01
	80	72	52.3	28.0	2.35	50.6	26.9	2.58	48.7	25.9	2.86	46.4	24.8	3.20	43.9	23.6	3.58	41.1	22.5	4.01
	75	62	44.6	34.7	2.35	42.9	33.6	2.58	40.9	32.6	2.86	38.7	31.5	3.20	36.2	30.3	3.58	33.4	29.2	4.01

VT6BF-048K with B6VMMX48K-B

ODT			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.
1235	80	62	47.1	38.9	2.40	45.0	37.8	2.64	42.7	36.7	2.95	40.3	35.6	3.32	37.7	34.4	3.76	34.9	33.2	4.26
	80	67	52.0	33.0	2.42	49.9	31.9	2.66	47.6	30.8	2.97	45.2	29.7	3.34	42.6	28.5	3.78	39.9	27.3	4.28
	80	72	55.6	25.8	2.44	53.5	24.7	2.68	51.2	23.6	2.99	48.8	22.5	3.36	46.2	21.3	3.80	43.5	20.1	4.30
	75	62	47.3	33.0	2.40	45.2	31.9	2.65	43.0	30.8	2.95	40.5	29.7	3.33	37.9	28.5	3.76	35.2	27.2	4.26
1435	80	62	47.4	41.4	2.48	45.3	40.3	2.73	43.1	39.2	3.03	40.6	38.1	3.41	38.0	36.9	3.84	35.3	35.3	4.34
	80	67	52.3	35.4	2.50	50.2	34.4	2.75	48.0	33.3	3.05	45.5	32.2	3.43	42.9	31.0	3.86	40.2	29.7	4.36
	80	72	56.0	28.3	2.52	53.9	27.2	2.77	51.6	26.1	3.07	49.2	25.0	3.45	46.6	23.8	3.88	43.8	22.6	4.38
	75	62	47.7	35.4	2.49	45.6	34.4	2.73	43.3	33.3	3.04	40.9	32.2	3.41	38.3	31.0	3.85	35.5	29.7	4.35
1635	80	62	48.6	43.0	2.57	46.5	41.9	2.81	44.2	40.8	3.12	41.8	39.7	3.49	39.2	38.5	3.93	36.5	36.5	4.43
	80	67	53.5	37.1	2.59	51.4	36.0	2.83	49.1	34.9	3.14	46.7	33.8	3.51	44.1	32.6	3.94	41.4	31.3	4.45
	80	72	57.1	29.9	2.61	55.0	28.8	2.85	52.7	27.7	3.16	50.3	26.6	3.53	47.7	25.4	3.96	45.0	24.2	4.46
	75	62	48.8	37.0	2.57	46.7	36.0	2.81	44.5	34.9	3.12	42.0	33.8	3.49	39.4	32.6	3.93	36.7	31.3	4.43

HEATING EXPANDED RATINGS

VT6BF-024K with B6VMMX24K-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
785	60	11.3	2.23	1.49	13.8	2.68	1.50	14.8	2.87	1.51	18.3	3.50	1.53	21.8	4.11	1.56	24.3	4.53	1.57	25.3	4.70	1.58	28.8	5.28	1.60
	70	10.8	2.20	1.43	13.0	2.61	1.46	14.0	2.78	1.48	17.3	3.33	1.52	20.5	3.84	1.57	22.8	4.19	1.60	23.8	4.33	1.61	27.0	4.79	1.66
	80	10.2	2.14	1.40	12.3	2.51	1.43	13.2	2.67	1.45	16.2	3.16	1.50	19.2	3.62	1.56	21.3	3.93	1.59	22.2	4.05	1.61	25.3	4.45	1.66
885	60	11.4	2.18	1.53	13.9	2.63	1.55	14.9	2.82	1.55	18.5	3.45	1.57	22.1	4.06	1.59	24.5	4.48	1.61	25.6	4.66	1.61	29.2	5.24	1.63
	70	10.9	2.15	1.48	13.2	2.56	1.51	14.2	2.73	1.52	17.5	3.27	1.57	20.8	3.79	1.61	23.1	4.14	1.64	24.1	4.28	1.65	27.4	4.75	1.69
	80	10.3	2.10	1.43	12.4	2.48	1.47	13.4	2.63	1.49	16.4	3.12	1.55	19.5	3.57	1.60	21.7	3.87	1.64	22.6	3.99	1.66	25.7	4.38	1.72
985	60	11.5	2.14	1.58	14.0	2.59	1.59	15.1	2.78	1.59	18.7	3.41	1.61	22.3	4.02	1.62	24.8	4.44	1.64	25.9	4.62	1.64	29.4	5.22	1.66
	70	11.0	2.12	1.52	13.3	2.53	1.55	14.3	2.70	1.56	17.7	3.24	1.60	21.1	3.76	1.64	23.4	4.10	1.67	24.4	4.25	1.68	27.8	4.72	1.73
	80	10.4	2.07	1.48	12.6	2.43	1.52	13.5	2.58	1.53	16.6	3.06	1.59	19.7	3.50	1.65	21.9	3.80	1.69	22.8	3.92	1.71	25.9	4.30	1.76

VT6BF-030K with B6VMMX30K-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
985	60	14.4	2.47	1.71	17.3	2.88	1.76	18.5	3.04	1.78	22.6	3.57	1.86	26.7	4.05	1.93	29.6	4.37	1.98	30.8	4.50	2.01	34.9	4.92	2.08
	70	13.8	2.40	1.68	16.5	2.76	1.75	17.7	2.90	1.78	21.5	3.36	1.88	25.4	3.76	1.98	28.1	4.03	2.05	29.3	4.13	2.08	33.2	4.47	2.18
	80	13.2	2.30	1.68	15.7	2.62	1.76	16.8	2.75	1.79	20.5	3.15	1.91	24.1	3.51	2.02	26.7	3.74	2.09	27.8	3.83	2.13	31.4	4.12	2.24
1085	60	14.4	2.42	1.75	17.4	2.83	1.80	18.6	3.00	1.82	22.8	3.53	1.89	27.0	4.03	1.96	29.9	4.35	2.01	31.1	4.48	2.04	35.3	4.91	2.11
	70	13.9	2.35	1.73	16.6	2.72	1.80	17.8	2.86	1.83	21.8	3.32	1.92	25.7	3.74	2.02	28.4	4.01	2.08	29.6	4.12	2.11	33.5	4.46	2.21
	80	13.3	2.27	1.72	15.9	2.59	1.80	17.0	2.72	1.83	20.7	3.13	1.94	24.4	3.49	2.06	27.0	3.71	2.13	28.1	3.81	2.17	31.9	4.10	2.28
1185	60	14.5	2.38	1.79	17.5	2.79	1.84	18.8	2.96	1.86	23.0	3.50	1.93	27.2	4.00	1.99	30.1	4.33	2.04	31.4	4.47	2.06	35.6	4.90	2.13
	70	14.0	2.33	1.77	16.8	2.69	1.83	18.0	2.84	1.86	22.0	3.30	1.95	26.0	3.72	2.05	28.7	3.99	2.11	29.9	4.10	2.14	33.9	4.45	2.23
	80	13.4	2.24	1.76	16.0	2.56	1.84	17.2	2.69	1.87	20.9	3.09	1.98	24.6	3.45	2.09	27.2	3.68	2.17	28.4	3.77	2.20	32.1	4.06	2.32

VT6BF-036K with B6VMMX36K-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
1080	60	18.1	2.70	1.97	21.2	3.02	2.06	22.6	3.15	2.10	27.1	3.56	2.23	31.6	3.91	2.37	34.8	4.14	2.46	36.1	4.23	2.50	40.6	4.52	2.64
	70	17.4	2.57	1.99	20.4	2.85	2.10	21.7	2.97	2.14	26.0	3.31	2.30	30.3	3.61	2.46	33.3	3.80	2.57	34.6	3.88	2.62	38.9	4.11	2.78
	80	16.8	2.44	2.02	19.7	2.69	2.15	20.9	2.79	2.20	25.0	3.08	2.37	29.0	3.34	2.55	31.9	3.50	2.67	33.1	3.56	2.72	37.2	3.76	2.90
1230	60	18.2	2.64	2.02	21.4	2.98	2.11	22.8	3.11	2.15	27.4	3.53	2.28	32.0	3.90	2.41	35.2	4.14	2.50	36.6	4.24	2.53	41.2	4.54	2.66
	70	17.6	2.52	2.05	20.7	2.81	2.15	22.0	2.93	2.20	26.3	3.29	2.35	30.7	3.60	2.50	33.8	3.80	2.61	35.1	3.88	2.65	39.4	4.13	2.80
	80	17.0	2.39	2.08	19.9	2.65	2.20	21.1	2.75	2.25	25.3	3.06	2.42	29.5	3.33	2.59	32.4	3.50	2.71	33.6	3.57	2.76	37.8	3.78	2.93
1380	60	18.3	2.59	2.07	21.6	2.93	2.16	23.0	3.07	2.20	27.7	3.50	2.32	32.4	3.88	2.44	35.6	4.13	2.53	37.0	4.23	2.57	41.7	4.55	2.69
	70	17.8	2.49	2.10	20.9	2.79	2.20	22.2	2.91	2.24	26.7	3.27	2.39	31.1	3.60	2.54	34.2	3.80	2.64	35.5	3.88	2.68	40.0	4.14	2.83
	80	17.2	2.36	2.14	20.1	2.62	2.25	21.4	2.73	2.30	25.6	3.04	2.47	29.8	3.32	2.63	32.7	3.49	2.75	34.0	3.56	2.80	38.2	3.78	2.96

HEATING EXPANDED RATINGS (CONTINUED)

VT6BF-042K with B6VMMX42K-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
1175	60	20.8	2.53	2.41	24.8	2.91	2.50	26.6	3.07	2.54	32.3	3.57	2.66	38.1	4.01	2.78	42.2	4.31	2.87	43.9	4.43	2.91	49.7	4.80	3.03
	70	20.0	2.35	2.50	23.9	2.71	2.60	25.6	2.85	2.64	31.2	3.29	2.78	36.8	3.70	2.92	40.7	3.96	3.02	42.4	4.06	3.06	48.0	4.40	3.20
	80	19.5	2.19	2.60	23.2	2.51	2.71	24.9	2.64	2.76	30.2	3.05	2.91	35.6	3.41	3.06	39.3	3.64	3.17	40.9	3.74	3.21	46.3	4.03	3.37
1325	60	20.9	2.50	2.46	25.0	2.89	2.54	26.8	3.05	2.58	32.7	3.56	2.69	38.5	4.02	2.81	42.7	4.32	2.90	44.4	4.44	2.93	50.3	4.83	3.05
	70	20.2	2.33	2.55	24.2	2.69	2.64	25.9	2.83	2.68	31.6	3.29	2.81	37.2	3.70	2.95	41.2	3.97	3.04	42.9	4.08	3.08	48.5	4.43	3.22
	80	19.6	2.17	2.65	23.5	2.50	2.76	25.1	2.63	2.80	30.6	3.04	2.95	36.0	3.42	3.09	39.8	3.66	3.19	41.5	3.76	3.24	46.9	4.07	3.38
1475	60	21.0	2.46	2.50	25.2	2.86	2.58	27.0	3.02	2.62	32.9	3.53	2.73	38.9	4.01	2.85	43.1	4.32	2.93	44.9	4.44	2.96	50.8	4.85	3.08
	70	20.5	2.31	2.59	24.5	2.67	2.68	26.2	2.82	2.72	31.9	3.28	2.85	37.6	3.70	2.98	41.6	3.98	3.07	43.3	4.09	3.11	49.1	4.45	3.24
	80	19.8	2.16	2.70	23.7	2.48	2.80	25.3	2.62	2.84	30.8	3.03	2.98	36.4	3.41	3.12	40.2	3.66	3.22	41.9	3.76	3.26	47.4	4.08	3.40

VT6BF-048K with B6VMMX48K-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
1225	60	22.5	2.62	2.52	27.1	3.02	2.63	29.0	3.18	2.67	35.5	3.69	2.82	42.0	4.15	2.97	46.5	4.44	3.07	48.5	4.56	3.12	54.9	4.94	3.26
	70	21.7	2.42	2.63	26.1	2.79	2.74	28.0	2.94	2.79	34.3	3.40	2.96	40.6	3.82	3.12	45.1	4.08	3.24	47.0	4.19	3.29	53.3	4.53	3.45
	80	21.2	2.26	2.76	25.5	2.59	2.88	27.3	2.73	2.93	33.4	3.15	3.11	39.4	3.52	3.29	43.7	3.76	3.41	45.5	3.85	3.46	51.6	4.16	3.64
1425	60	22.8	2.58	2.58	27.4	2.99	2.68	29.4	3.16	2.72	36.0	3.68	2.86	42.6	4.16	3.00	47.2	4.47	3.10	49.1	4.59	3.14	55.7	4.99	3.28
	70	22.0	2.40	2.69	26.5	2.78	2.80	28.4	2.93	2.85	34.8	3.40	3.00	41.2	3.83	3.15	45.7	4.11	3.26	47.6	4.22	3.31	54.0	4.58	3.46
	80	21.4	2.23	2.82	25.8	2.57	2.94	27.6	2.71	2.99	33.8	3.15	3.15	40.0	3.54	3.32	44.4	3.79	3.44	46.2	3.89	3.49	52.4	4.21	3.65
1625	60	22.9	2.54	2.64	27.6	2.96	2.73	29.6	3.13	2.77	36.3	3.66	2.91	43.0	4.15	3.04	47.8	4.47	3.13	49.8	4.60	3.17	56.5	5.01	3.31
	70	22.4	2.38	2.75	26.9	2.76	2.85	28.8	2.92	2.90	35.3	3.40	3.04	41.8	3.84	3.19	46.3	4.12	3.29	48.2	4.24	3.34	54.7	4.61	3.48
	80	21.7	2.21	2.88	26.1	2.56	2.99	28.0	2.70	3.04	34.2	3.14	3.20	40.5	3.54	3.35	44.9	3.80	3.46	46.8	3.91	3.51	53.0	4.24	3.67



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.

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