

VT4BD Series

R-410A High Efficiency Heat Pump 13 SEER Residential System 1.5 – 5 Ton Capacity

The VT4BD Series now offers the choice of a heat pump that uses a more efficient and environmentally friendly refrigerant designated R-410A. The VT4BD 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. The VT4BD is rated at 13 SEER and 8.0 HSPF when matched with our air handlers. When matched with our variable speed air handler, or our variable speed blower kits, the VT4BD is rated up to 14 SEER and 8.5 HSPF. Units are ideally sized for slab or rooftop mounting in single, multifamily, and light commercial applications.



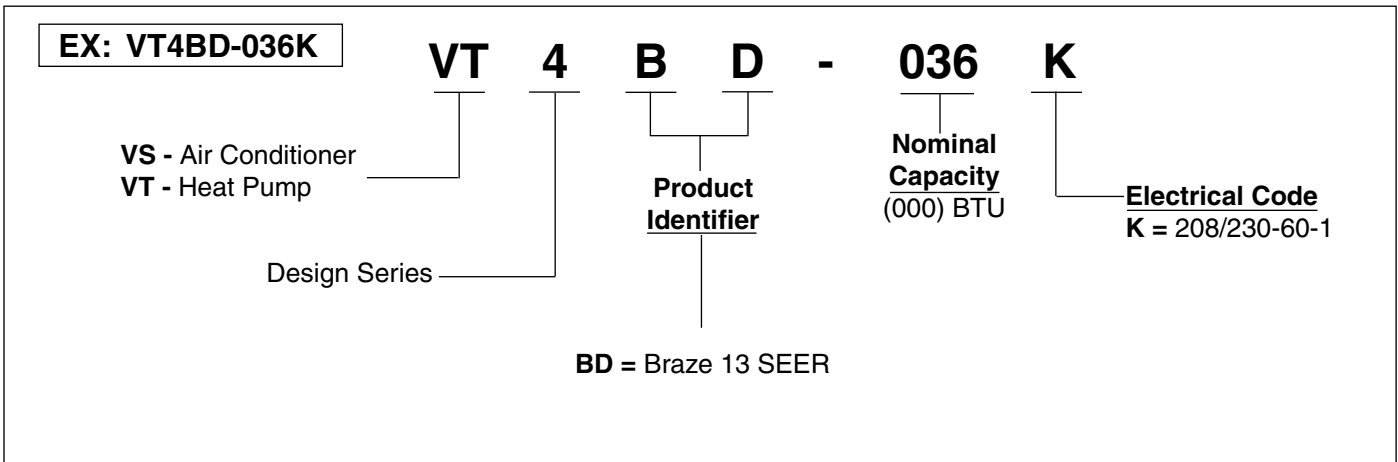
WARRANTY

- This product offers a 10-year all-parts warranty.
- This product offers a 1 Year Replacement Pledge to replace the unit if the compressor fails in the first year of operation, to the original owner. All split system products must be installed with a matched indoor air handler or indoor coil.
- Consumer product registration required for 10 year All Parts Warranty and Replacement Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site for warranty details.

FEATURES and BENEFITS

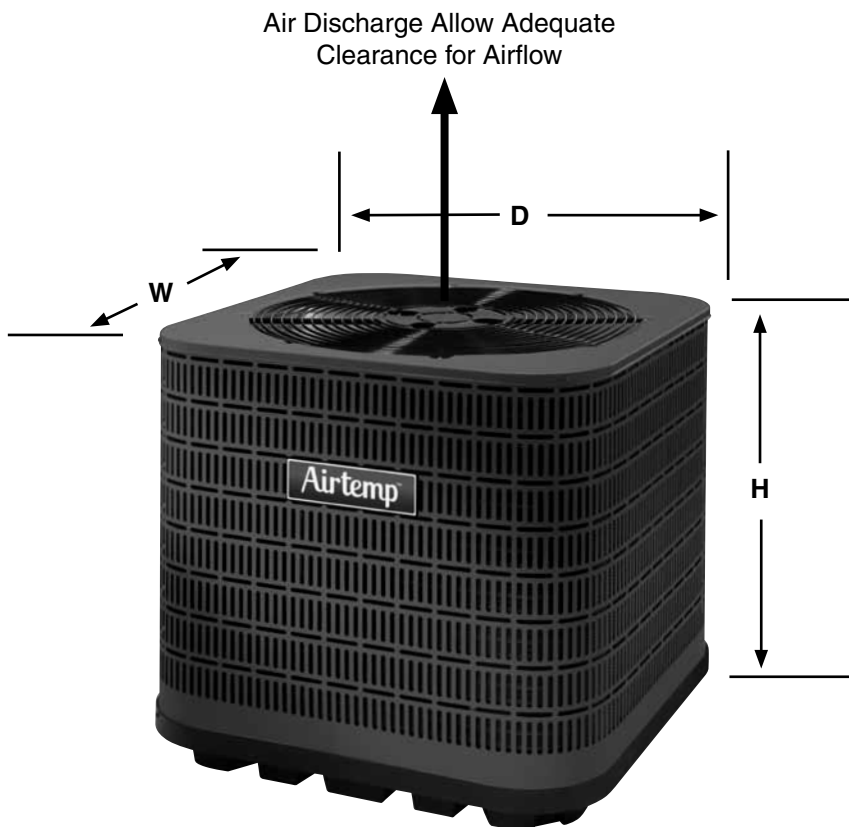
- **R-410A Refrigerant:** Earth friendly non-ozone depleting refrigerant.
- **Designed using galvanized steel:** With a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils:** Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **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.
- **Complete Metal Wrapper:** Durable metal guard protects the coil from yard hazards and extreme weather.
- **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.
- **Composite Base Pan:** Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Fixed Orifice** – Integrated in liquid line service valve for easy change-out.

MODEL IDENTIFICATION CODES



DIMENSIONS OUTDOOR SECTION

VT4BD	018K	024K	030K	036K	042K	048K	060K
H	31 1/2	35 1/2	39 1/2	43 1/2	39 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

13 SEER — High Efficiency — Single Phase

Model Number VT4BD-		018K	024K	030K	036K	042K	048K	060K	
Electrical Data	Volts-Cycles-Phase (1)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	
	Total Amps	10.2	14.6	15.3	17.8	19.4	23.2	27.7	
	Delay Fuse Max. (2)	20	30	30	35	40	50	60	
	Min. Circuit Ampacity	12.4	18.0	18.8	22.0	23.9	28.7	34.3	
Condenser Data	Coil	Area	17.7	20.3	22.8	25.3	22.8	25.3	
		Rows-FPI	1-18	1-18	1-20	1-20	2-16	2-16	2-16
		Tube Dia	3/8" O.D.	3/8" O.D.	3/8" O.D.	3/8" O.D.	3/8" O.D.	3/8" O.D.	3/8" O.D.
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	1.2	1.2	1.2	1.2	1.46	1.46	1.46
		HP	0.2	0.2	0.2	0.2	0.25	0.25	0.25
	Fan Blade	Dia - # Blades	24" - 2						
		SCFM	3000	3200	3300	3400	3700	3800	3800
	Compressor Data	RLA	9.0	13.4	14.1	16.6	17.9	21.8	26.2
		LRA	48.0	58.3	73.0	79.0	112.0	117.0	134.0
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"	7/8"	
	25-39 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8" (3)	
	40-75 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8" (3)	
Approximate Weight (lbs.)	Net	166	171	176	181	247	280	290	
	Ship	175	180	185	190	260	295	305	
Sound Rating db		73.0	73.0	73.0	73.0	79.0	79.0	79.0	

(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.

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.

Snow Stand Kit - 920636

Outdoor Thermostat - 913852

Two-stage logic provides ability to lock out electric strips down to balance point and bring on in stages.

Extreme Wind Condition Mounting Kit - 920900

Time Delay Relay Kit (TDR) - 918476

SYSTEM COOLING CAPACITIES

13 SEER — High Efficiency — Single Phase

Outdoor Unit VT4BD-	Indoor Unit	Cooling Capacity Btuh	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
018K	B6BMM024K-A	17,500	13.00	11.00	19,000	8.00	650
018K	B6BMM024K-B	17,500	13.00	11.00	17,700	7.70	650
024K	B6BMM024K-A	23,000	13.00	11.00	24,800	8.00	850
024K	B6BMM024K-B	23,000	13.00	11.00	26,000	8.00	820
030K	B6BMM030K-A	28,800	13.00	11.00	30,800	8.00	900
030K	B6BMM030K-B	28,800	13.00	11.00	29,000	8.00	1075
036K	B6BMM036K-B	34,800	13.00	11.00	36,800	8.00	1170
042K	B6BMM042K-B	40,000	13.00	11.00	42,000	7.80	1495
048K	B6BMM048K-B	46,500	13.00	11.00	49,500	8.00	1360
048K	B6BMM048K-C	47,500	13.00	11.00	47,500	8.00	1620
060K	B6BMM060K-C	57,500	13.00	11.00	60,500	8.00	1660

Note: Shaded cells are preliminary data and are subject to change.

Outdoor Unit VT4BD	Indoor Coil + TDR	Cooling Capacity BTUH	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
018K	C7B(A,H)M01824(C,U)-A	18,000	13.00	11.00	18,000	8.00	580
018K	C7B(A,H)M01824(C,U)-B	18,000	13.00	11.00	18,000	8.00	580
024K	C7B(A,H)M01824(C,U)-A	22,800	13.00	11.00	23,600	8.00	805
024K	C7B(A,H)M01824(C,U)-B	22,800	13.00	11.00	23,600	8.00	855
030K	C7B(A,H)M03036(C,U)-A	28,400	13.00	11.00	29,000	8.00	1005
030K	C7B(A,H)M03036(C,U)-B	28,400	13.00	11.00	29,000	8.00	1005
030K	C7B(A,H)M030(C,U)-C	28,400	13.00	11.00	29,000	8.00	1005
036K	C7B(A,H)M03036(C,U)-B	34,600	13.00	11.00	36,000	8.00	1180
036K	C7B(A,H)M03642(C,U)-B	34,600	13.00	11.00	36,000	8.00	1180
036K	C7B(A,H)M03648(C,U)-C	34,600	13.00	11.00	36,000	8.00	1180
042K	C7B(A,H)M03642(C,U)-B	39,000	13.00	11.00	41,500	8.00	1320
042K	C7B(A,H)M03648(C,U)-C	39,000	13.00	11.00	41,500	8.00	1320
042K	C7B(A,H)M042(C,U)-D	39,000	13.00	11.00	41,500	8.00	1320
048K	C7B(A,H)M03648(C,U)-C	45,500	13.00	11.00	47,000	8.00	1395
048K	C7B(A,H)M048(C,U)-C	45,500	13.00	11.00	47,000	8.00	1325
048K	C7B(A,H)M048(C,U)-D	45,500	13.00	11.00	47,000	8.00	1325

See current AHRI Directory for certified combinations and ratings
www.ahrirectory.org

13 SEER + LOOSE COIL COOLING EXPANDED RATINGS

VT4BD-018K C7B(A,H)M01824(C,U)-A

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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	19.1	15.1	1.14	18.3	14.9	1.27	17.4	14.9	1.40	16.4	14.6	1.55	15.18	14.92	1.71	14.35	14.10	1.90
	80	67	21.1	12.2	1.16	20.2	12.1	1.28	19.2	12.2	1.42	18.2	12.0	1.57	16.97	11.70	1.73	15.64	10.75	1.91
	80	72	23.4	9.5	1.19	22.4	9.5	1.31	21.4	9.7	1.45	20.3	9.4	1.60	19.06	9.24	1.76	17.72	9.41	1.94
	75	63	19.4	11.8	1.14	18.6	11.7	1.27	17.6	11.7	1.41	16.6	11.4	1.55	15.23	10.29	1.71	14.19	11.10	1.90
600	80	62	19.7	16.3	1.17	18.9	16.6	1.30	17.9	16.2	1.44	16.9	15.9	1.58	16.07	15.53	1.75	14.87	14.75	1.93
	80	67	21.7	13.1	1.19	20.7	13.4	1.32	19.7	13.1	1.45	18.6	12.9	1.60	17.37	12.81	1.76	16.02	12.69	1.95
	80	72	24.0	10.1	1.22	23.0	10.5	1.35	21.9	10.2	1.49	20.7	10.1	1.64	19.45	10.10	1.79	18.06	10.11	1.98
	75	63	19.9	12.6	1.17	19.0	12.9	1.30	18.1	12.5	1.44	17.0	12.3	1.58	15.75	12.14	1.75	14.46	12.17	1.93
675	80	62	20.2	17.7	1.20	19.4	17.8	1.33	18.6	17.3	1.47	17.7	16.8	1.62	16.69	16.12	1.78	15.58	15.51	1.97
	80	67	22.0	14.1	1.22	21.1	14.2	1.35	20.1	13.9	1.49	18.9	13.8	1.63	17.66	13.60	1.80	16.37	13.85	1.98
	80	72	24.4	10.8	1.26	23.4	11.0	1.39	22.2	10.7	1.52	21.0	10.7	1.67	19.73	10.62	1.83	18.26	10.70	2.01
	75	63	20.3	13.6	1.20	19.4	13.7	1.33	18.4	13.3	1.47	17.3	13.1	1.61	16.12	13.16	1.78	14.65	12.98	1.96

13 SEER + LOOSE COIL COOLING EXPANDED RATINGS (CONTINUED)

VT4BD-024K C7B(A,H)M01824(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	23.7	18.9	1.40	22.8	18.7	1.56	21.8	18.8	1.73	20.7	18.5	1.92	19.63	19.24	2.12	18.54	18.17	2.35
	80	67	25.8	15.2	1.40	24.7	15.0	1.57	23.6	15.2	1.74	22.4	14.8	1.93	21.17	14.58	2.13	19.83	13.76	2.37
	80	72	28.5	11.8	1.40	27.3	11.7	1.58	26.0	11.9	1.75	24.7	11.7	1.94	23.23	11.46	2.15	21.63	11.72	2.38
	75	63	23.9	14.7	1.40	22.9	14.6	1.56	21.9	14.6	1.73	20.8	14.3	1.92	19.65	13.15	2.12	18.41	14.12	2.35
800	80	62	24.3	20.3	1.44	23.3	20.7	1.60	22.3	20.2	1.77	21.3	20.0	1.96	20.34	19.65	2.16	19.22	19.06	2.40
	80	67	26.3	16.1	1.44	25.2	16.5	1.61	24.1	16.1	1.78	22.8	15.9	1.97	21.53	15.85	2.17	20.14	15.78	2.41
	80	72	29.0	12.4	1.44	27.7	12.9	1.61	26.4	12.5	1.79	24.8	12.4	1.98	23.32	12.45	2.19	21.80	12.44	2.42
	75	63	24.4	15.6	1.44	23.4	16.0	1.60	22.3	15.5	1.77	21.2	15.3	1.96	19.97	15.20	2.16	18.67	15.09	2.39
900	80	62	24.9	22.0	1.47	23.9	22.1	1.64	23.0	21.4	1.81	22.0	20.9	2.00	20.92	20.21	2.21	19.73	19.65	2.44
	80	67	26.8	17.3	1.47	25.7	17.4	1.64	24.4	17.0	1.82	23.2	16.9	2.01	21.79	16.71	2.21	20.40	16.74	2.45
	80	72	29.4	13.3	1.47	27.9	13.6	1.65	26.5	13.1	1.83	25.1	13.1	2.02	23.61	12.95	2.23	22.03	13.02	2.46
	75	63	24.9	16.7	1.47	23.8	16.8	1.64	22.7	16.3	1.81	21.5	16.2	2.00	20.22	16.00	2.20	18.93	16.39	2.43

VT4BD-030K C7B(A,H)M03036(C,U)-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.
875	80	62	29.3	23.1	1.80	28.2	22.9	1.97	27.0	23.0	2.16	25.7	22.6	2.38	24.25	23.79	2.63	22.70	22.26	2.91
	80	67	32.0	18.6	1.86	30.8	18.4	2.02	29.5	18.6	2.21	28.2	18.3	2.42	26.65	17.97	2.67	24.98	16.48	2.94
	80	72	35.5	14.5	1.94	34.2	14.5	2.11	32.8	14.8	2.29	31.3	14.6	2.50	29.67	14.37	2.74	27.73	14.74	3.01
	75	63	29.5	18.0	1.81	28.4	17.8	1.98	27.2	17.9	2.17	25.8	17.5	2.38	24.35	15.93	2.63	22.64	17.16	2.91
1000	80	62	30.1	24.8	1.87	29.0	25.3	2.03	27.7	24.8	2.22	26.4	24.5	2.44	25.21	24.27	2.69	23.89	23.69	2.97
	80	67	32.8	19.7	1.92	31.6	20.3	2.09	30.2	19.8	2.28	28.8	19.6	2.49	27.23	19.54	2.73	25.50	19.46	3.00
	80	72	36.3	15.3	2.00	34.9	16.1	2.17	33.3	15.6	2.36	31.6	15.5	2.56	29.83	15.60	2.80	28.03	15.64	3.07
	75	63	30.3	19.0	1.87	29.1	19.5	2.04	27.8	19.0	2.22	26.4	18.7	2.44	24.90	18.60	2.69	23.17	18.41	2.96
1125	80	62	30.8	26.8	1.93	29.6	27.0	2.10	28.5	26.4	2.29	27.5	26.1	2.51	26.17	25.29	2.75	24.72	24.61	3.04
	80	67	33.4	21.1	1.99	32.1	21.4	2.15	30.8	20.9	2.34	29.3	20.8	2.55	27.69	20.60	2.79	25.92	20.63	3.06
	80	72	36.6	16.4	2.05	35.0	16.8	2.22	33.5	16.3	2.41	32.0	16.3	2.62	30.28	16.22	2.86	28.44	16.38	3.14
	75	63	30.9	20.3	1.93	29.7	20.5	2.10	28.3	20.0	2.28	26.9	19.8	2.50	25.33	19.58	2.74	23.58	19.49	3.02

VT4BD-036K C7B(A,H)M03036(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.
1050	80	62	36.0	28.1	2.24	34.6	27.8	2.46	33.0	27.9	2.70	31.2	27.3	2.98	29.32	28.48	3.28	27.30	26.52	3.63
	80	67	39.6	23.3	2.31	38.0	23.1	2.53	36.3	23.3	2.77	34.5	22.9	3.05	32.48	22.46	3.36	30.29	20.42	3.70
	80	72	43.5	18.0	2.40	41.8	17.9	2.62	40.0	18.3	2.87	38.1	17.9	3.14	36.00	17.64	3.46	33.73	18.05	3.81
	75	63	36.6	22.5	2.25	35.1	22.3	2.47	33.5	22.4	2.71	31.7	21.9	2.99	29.78	19.93	3.29	27.64	21.52	3.64
1200	80	62	36.9	30.0	2.32	35.4	30.5	2.54	33.7	29.8	2.78	32.0	29.3	3.05	30.13	28.83	3.36	28.27	28.03	3.71
	80	67	40.4	24.7	2.39	38.8	25.5	2.61	37.0	24.8	2.85	35.1	24.5	3.12	33.07	24.50	3.43	30.84	24.41	3.78
	80	72	44.3	18.9	2.48	42.6	19.8	2.70	40.7	19.2	2.95	38.7	19.1	3.22	36.56	19.21	3.54	34.18	19.30	3.89
	75	63	37.4	23.9	2.33	35.9	24.5	2.55	34.2	23.8	2.79	32.3	23.5	3.06	30.35	23.35	3.37	28.16	23.14	3.71
1350	80	62	37.6	32.2	2.39	36.1	32.3	2.61	34.4	31.4	2.85	32.7	30.8	3.12	30.96	29.91	3.44	29.18	29.05	3.79
	80	67	41.1	26.6	2.46	39.4	26.9	2.68	37.6	26.2	2.92	35.6	26.1	3.19	33.53	25.91	3.50	31.23	25.79	3.85
	80	72	45.0	20.2	2.56	43.2	20.7	2.78	41.2	20.1	3.02	39.2	20.2	3.30	36.85	20.09	3.61	34.48	20.31	3.97
	75	63	38.1	25.6	2.40	36.4	25.8	2.62	34.7	25.1	2.86	32.8	25.0	3.13	30.79	24.66	3.44	28.54	24.40	3.78

VT4BD-042KB C7B(A,H)M03642(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.
1225	80	62	40.6	32.1	2.58	39.1	31.9	2.78	37.3	32.0	3.03	35.3	31.2	3.32	33.07	32.33	3.64	30.72	30.03	4.01
	80	67	44.6	26.6	2.65	43.0	26.4	2.85	41.2	26.7	3.09	39.1	26.2	3.37	36.75	25.70	3.70	34.24	23.23	4.06
	80	72	49.2	20.6	2.73	47.3	20.5	2.95	45.3	21.0	3.19	43.1	20.6	3.47	40.66	20.24	3.79	37.85	20.68	4.15
	75	63	41.2	25.7	2.59	39.7	25.5	2.79	37.9	25.7	3.04	35.8	25.1	3.32	33.50	22.48	3.65	30.79	24.37	4.01
1400	80	62	41.6	34.3	2.66	40.0	35.0	2.86	38.2	34.1	3.11	36.3	33.5	3.39	34.10	32.90	3.72	31.88	31.61	4.09
	80	67	45.5	28.3	2.73	43.8	29.1	2.94	41.9	28.4	3.18	39.8	28.1	3.46	37.43	28.02	3.78	34.87	27.87	4.14
	80	72	50.0	21.7	2.81	48.0	22.7	3.03	45.9	22.1	3.28	43.6	21.9	3.56	41.15	21.98	3.87	38.46	22.02	4.23
	75	63	42.1	27.3	2.67	40.5	28.0	2.87	38.7	27.3	3.11	36.6	26.8	3.40	34.24	26.63	3.72	31.43	26.09	4.09
1575	80	62	42.4	36.8	2.74	40.8	36.9	2.95	39.1	35.9	3.19	37.1	35.2	3.47	35.18	33.99	3.81	33.05	32.91	4.18
	80	67	46.3	30.3	2.80	44.5	30.7	3.02	42.5	30.0	3.26	40.4	29.9	3.54	37.96	29.62	3.86	35.30	29.44	4.23
	80	72	50.5	23.2	2.89	48.5	23.7	3.11	46.4	23.0	3.36	44.1	23.1	3.64	41.65	22.94	3.96	38.90	23.14	4.32
	75	63	42.8	29.2	2.75	41.1	29.5	2.95	39.3	28.7	3.19	37.1	28.5	3.47	34.70	27.96	3.80	31.97	27.69	4.16

13 SEER + LOOSE COIL COOLING EXPANDED RATINGS (CONTINUED)

VT4BD-048K C7B(A,H)M03648(C,U)-C

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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	48.8	37.6	3.02	46.6	37.2	3.30	44.2	37.1	3.61	41.4	36.1	3.96	39.16	37.73	4.37	36.69	35.35	4.83
	80	67	53.6	31.3	3.08	51.4	31.0	3.36	48.9	31.2	3.68	46.2	30.4	4.02	42.94	29.64	4.41	39.88	27.39	4.86
	80	72	59.2	24.5	3.18	56.8	24.3	3.46	54.2	24.8	3.77	51.2	24.2	4.12	47.88	23.70	4.50	44.17	24.01	4.94
	75	63	49.5	30.3	3.02	47.3	29.9	3.31	44.9	29.9	3.62	41.9	29.0	3.96	39.54	26.53	4.37	36.96	28.52	4.83
1600	80	62	50.0	40.2	3.11	47.8	40.8	3.39	45.3	39.7	3.70	42.4	38.7	4.04	39.99	38.18	4.45	37.60	37.28	4.92
	80	67	54.8	33.2	3.18	52.5	34.1	3.46	49.9	33.2	3.77	47.2	32.6	4.12	43.97	32.35	4.50	40.45	31.92	4.95
	80	72	60.3	25.7	3.28	57.7	26.9	3.56	54.7	26.1	3.86	51.6	25.7	4.20	48.48	25.68	4.59	45.00	25.56	5.04
	75	63	50.7	32.1	3.12	48.5	32.8	3.40	45.9	31.8	3.71	43.0	31.0	4.05	40.18	30.74	4.45	37.49	30.50	4.92
1800	80	62	51.0	43.1	3.20	48.8	43.2	3.48	46.3	41.9	3.79	43.6	41.0	4.14	40.88	39.50	4.54	38.56	38.40	5.00
	80	67	55.8	35.6	3.27	53.4	36.0	3.55	50.8	35.0	3.86	47.9	34.7	4.21	44.76	34.21	4.60	40.87	33.80	5.03
	80	72	60.7	27.5	3.36	58.2	28.1	3.65	55.4	27.1	3.95	52.5	27.1	4.30	49.19	26.76	4.69	45.74	26.84	5.13
	75	63	51.6	34.3	3.20	49.3	34.5	3.49	46.7	33.5	3.80	43.8	33.0	4.14	40.63	32.33	4.53	37.88	32.04	5.00

VT4BD-060K with C6BH-X60C-(C,D) + VSB

CFM	O.D.T		75°F			85°F			95°F			105°F			115°F		
	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.
1750	80	62	54.5	41.2	3.63	52.3	40.4	4.06	49.9	39.5	4.54	47.2	38.1	5.08	43.9	36.5	5.73
	80	67	59.9	36.1	3.66	57.3	34.9	4.09	54.6	33.8	4.57	51.6	32.5	5.11	47.7	30.9	5.77
	80	72	65.6	30.5	3.70	62.9	29.3	4.13	60.2	28.2	4.61	56.8	26.9	5.15	52.4	25.4	5.81
	75	63	55.8	35.3	3.64	53.6	34.2	4.06	51.0	33.0	4.54	48.1	31.7	5.09	44.5	30.2	5.73
2000	80	62	57.7	45.9	3.73	55.2	44.9	4.16	52.5	44.2	4.64	49.6	42.8	5.18	46.1	40.6	5.83
	80	67	62.7	39.7	3.76	59.9	38.5	4.19	57.0	37.2	4.67	53.6	35.8	5.21	49.4	34.1	5.87
	80	72	69.4	32.8	3.81	66.2	31.7	4.24	62.7	30.5	4.71	59.0	29.2	5.25	54.2	27.5	5.91
	75	63	58.6	38.8	3.74	56.0	37.6	4.17	53.3	36.3	4.64	50.2	34.8	5.18	46.3	33.1	5.83
2250	80	62	59.9	50.3	3.87	57.3	49.4	4.30	54.4	48.3	4.77	51.3	46.6	5.31	47.2	44.1	5.97
	80	67	64.7	42.8	3.90	61.8	41.5	4.32	58.7	40.1	4.80	55.2	38.7	5.35	50.8	36.8	6.01
	80	72	71.1	35.0	3.94	67.8	33.8	4.37	64.2	32.5	4.85	60.2	31.2	5.39	55.0	29.5	6.04
	75	63	60.6	41.7	3.87	57.9	40.4	4.30	54.9	39.0	4.77	51.7	37.5	5.32	47.6	35.7	5.97

13 SEER + AHU COOLING EXPANDED RATINGS

VT4BD-018K with B6BMM024K-(A,B)

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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.
500	80	62	17.7	14.0	1.06	16.9	13.9	1.19	16.0	13.9	1.32	15.1	13.6	1.47	14.19	13.95	1.64	13.42	13.19	1.82
	80	67	19.5	11.3	1.08	18.7	11.2	1.20	17.7	11.3	1.34	16.6	11.0	1.48	15.39	10.72	1.64	14.34	10.11	1.83
	80	72	21.6	8.8	1.10	20.7	8.8	1.23	19.7	8.9	1.36	18.7	8.7	1.51	17.45	8.50	1.67	16.05	8.60	1.85
	75	63	17.9	10.9	1.07	17.1	10.8	1.19	16.2	10.8	1.33	15.2	10.5	1.47	14.23	9.58	1.64	13.24	10.33	1.82
650	80	62	18.8	16.4	1.11	18.0	16.6	1.24	17.2	16.1	1.38	16.3	15.4	1.52	15.31	14.79	1.69	14.39	14.27	1.87
	80	67	20.5	12.9	1.13	19.6	13.2	1.26	18.5	12.9	1.39	17.4	12.7	1.53	16.17	12.57	1.69	14.86	12.74	1.88
	80	72	22.6	9.8	1.16	21.6	10.2	1.28	20.6	9.9	1.42	19.4	9.8	1.56	18.13	9.84	1.72	16.61	9.79	1.90
	75	63	18.9	12.4	1.11	18.0	12.7	1.24	17.0	12.3	1.37	15.8	12.0	1.52	14.76	11.92	1.68	13.75	12.14	1.87
800	80	62	20.0	18.2	1.17	19.2	17.9	1.29	18.3	17.1	1.43	17.4	16.5	1.58	16.33	15.77	1.74	15.07	15.01	1.92
	80	67	21.1	14.5	1.18	20.1	14.7	1.30	19.1	14.3	1.44	18.0	14.6	1.58	16.70	14.47	1.74	15.14	14.32	1.92
	80	72	23.2	11.0	1.22	22.1	11.2	1.34	21.0	10.9	1.47	19.8	10.8	1.61	18.47	10.72	1.77	17.02	10.74	1.95
	75	63	19.5	13.9	1.16	18.5	14.0	1.29	17.6	14.0	1.42	16.4	13.9	1.57	15.11	13.62	1.73	14.03	13.59	1.91

VT4BD-024K with B6BMM024K-(A,B)

CFM	O.D.T		65°F			75°F			85°F			95°F			105°F			115°F		
	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.
650	80	62	23.6	18.0	1.36	22.8	18.2	1.52	21.7	18.3	1.68	20.4	17.9	1.86	18.96	18.58	2.06	17.80	17.44	2.29
	80	67	26.0	15.0	1.38	24.9	14.9	1.53	23.7	15.0	1.70	22.4	14.6	1.88	21.00	14.26	2.08	19.37	13.10	2.30
	80	72	28.8	11.7	1.42	27.7	11.6	1.57	26.5	11.9	1.74	25.1	11.6	1.91	23.59	11.37	2.11	21.93	11.59	2.33
	75	63	23.9	14.5	1.37	23.0	14.3	1.52	21.8	14.4	1.68	20.5	14.0	1.86	19.00	12.63	2.06	17.76	13.57	2.29
800	80	62	24.8	20.7	1.42	23.8	21.1	1.57	22.6	20.6	1.74	21.5	20.2	1.92	20.36	19.67	2.12	18.95	18.79	2.34
	80	67	27.0	16.5	1.45	25.9	16.9	1.60	24.6	16.5	1.76	23.3	16.2	1.94	21.80	16.12	2.14	20.16	15.96	2.36
	80	72	29.8	12.7	1.49	28.6	13.3	1.64	27.2	12.9	1.80	25.7	12.8	1.98	23.93	12.77	2.17	22.26	12.71	2.38
	75	63	24.9	15.9	1.42	23.9	16.3	1.57	22.7	15.8	1.74	21.4	15.5	1.92	19.84	15.29	2.11	18.18	15.01	2.34
950	80	62	25.7	23.2	1.48	24.8	23.1	1.63	23.8	22.2	1.80	22.7	21.5	1.98	21.39	20.67	2.18	20.00	19.91	2.41
	80	67	27.7	18.2	1.51	26.5	18.4	1.66	25.3	17.9	1.82	23.8	17.7	2.00	22.30	17.51	2.19	20.70	17.90	2.41
	80	72	30.3	14.0	1.55	28.9	14.2	1.70	27.5	13.8	1.86	26.1	13.7	2.03	24.46	13.57	2.23	22.74	13.61	2.44
	75	63	25.6	17.5	1.48	24.5	17.6	1.63	23.3	17.1	1.79	21.9	16.9	1.97	20.43	17.03	2.17	18.53	16.73	2.39

13 SEER + AHU COOLING EXPANDED RATINGS (CONTINUED)

VT4BD-030K with B6BMM030K-(A,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.
950	80	62	29.4	24.3	1.81	28.3	24.2	1.98	27.0	24.3	2.17	25.7	23.9	2.38	24.53	24.11	2.64	23.11	22.72	2.92
	80	67	32.2	19.2	1.86	30.9	19.1	2.04	29.5	19.3	2.22	28.0	18.9	2.43	26.42	18.63	2.67	24.64	17.63	2.95
	80	72	35.4	14.8	1.93	34.0	14.7	2.10	32.6	15.0	2.29	31.0	14.7	2.50	29.31	14.52	2.74	27.45	14.86	3.02
	75	63	29.7	18.6	1.82	28.5	18.4	1.98	27.2	18.6	2.17	25.8	18.1	2.39	24.15	16.47	2.63	22.39	17.81	2.91
1100	80	62	30.3	26.5	1.88	29.1	27.0	2.05	28.2	26.2	2.24	27.0	25.5	2.46	25.64	24.77	2.71	24.15	23.94	2.99
	80	67	32.9	20.6	1.94	31.5	21.2	2.10	30.1	20.7	2.29	28.6	20.5	2.49	26.95	20.48	2.73	25.11	20.41	3.01
	80	72	36.1	15.6	2.01	34.7	16.4	2.18	33.2	15.9	2.36	31.6	15.8	2.57	29.80	15.91	2.81	27.90	16.00	3.09
	75	63	30.4	19.9	1.88	29.2	20.4	2.05	27.8	19.9	2.24	26.3	19.6	2.45	24.67	19.48	2.69	22.95	19.95	2.97
1250	80	62	31.4	28.5	1.96	30.4	28.3	2.13	29.2	27.2	2.32	27.9	26.5	2.53	26.51	25.62	2.78	24.97	24.87	3.06
	80	67	33.4	22.3	2.00	32.1	22.5	2.17	30.6	22.0	2.35	29.0	22.0	2.56	27.32	21.81	2.80	25.52	22.67	3.08
	80	72	36.7	16.8	2.08	35.2	17.2	2.25	33.6	16.7	2.43	31.9	16.8	2.64	30.11	16.76	2.88	28.13	16.95	3.15
	75	63	30.9	21.4	1.95	29.6	21.6	2.11	28.3	21.1	2.30	26.7	20.9	2.51	25.11	21.48	2.75	23.29	21.44	3.03

VT4BD-036K with B6BMM036K-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.
1000	80	62	35.4	27.2	2.23	34.0	26.9	2.46	32.4	27.0	2.71	30.6	26.4	2.99	28.71	27.66	3.30	26.68	25.71	3.66
	80	67	38.9	22.6	2.30	37.4	22.4	2.52	35.7	22.6	2.77	33.9	22.2	3.05	31.87	21.76	3.37	29.74	19.70	3.73
	80	72	42.8	17.6	2.38	41.2	17.5	2.61	39.4	17.8	2.86	37.5	17.5	3.15	35.39	17.17	3.47	33.13	17.56	3.84
	75	63	36.0	21.9	2.24	34.5	21.7	2.47	32.9	21.8	2.72	31.1	21.3	2.99	29.20	19.30	3.31	27.08	20.85	3.67
1150	80	62	36.4	29.2	2.30	34.8	29.7	2.52	33.2	29.0	2.77	31.4	28.5	3.05	29.54	28.10	3.37	27.60	27.37	3.73
	80	67	39.8	24.1	2.37	38.2	24.8	2.59	36.5	24.2	2.84	34.6	23.9	3.12	32.55	23.82	3.45	30.30	23.72	3.80
	80	72	43.8	18.5	2.46	42.1	19.4	2.69	40.2	18.8	2.94	38.2	18.6	3.22	36.02	18.74	3.55	33.65	18.82	3.91
	75	63	36.9	23.3	2.32	35.4	23.9	2.53	33.7	23.2	2.78	31.8	22.9	3.06	29.80	22.70	3.38	27.66	22.49	3.73
1300	80	62	37.1	31.4	2.37	35.6	31.5	2.59	33.9	30.7	2.84	32.2	30.2	3.12	30.35	29.32	3.44	28.59	28.47	3.81
	80	67	40.6	25.9	2.44	38.9	26.2	2.66	37.1	25.6	2.91	35.2	25.5	3.19	33.04	25.25	3.51	30.77	25.28	3.87
	80	72	44.5	19.8	2.53	42.7	20.3	2.76	40.8	19.7	3.01	38.7	19.7	3.29	36.35	19.65	3.61	33.99	19.85	3.98
	75	63	37.6	25.0	2.38	36.0	25.2	2.60	34.2	24.5	2.85	32.4	24.3	3.13	30.29	24.03	3.44	28.09	23.78	3.79

VT4BD-042K 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.
1400	80	62	41.6	34.3	2.63	39.9	34.0	2.84	37.9	34.0	3.10	35.8	33.0	3.39	33.51	32.94	3.73	31.23	30.70	4.11
	80	67	45.7	28.3	2.67	43.9	28.1	2.89	41.8	28.3	3.15	39.5	27.7	3.44	36.99	27.23	3.77	34.20	24.97	4.14
	80	72	50.2	21.6	2.75	48.2	21.5	2.97	46.0	21.9	3.22	43.6	21.5	3.51	40.90	21.12	3.84	38.10	21.50	4.21
	75	63	42.2	27.3	2.63	40.5	27.0	2.85	38.4	27.2	3.10	36.2	26.5	3.40	33.59	23.63	3.73	30.76	25.58	4.10
1550	80	62	42.3	36.1	2.69	40.6	36.6	2.91	38.7	35.5	3.16	36.6	34.5	3.46	34.54	33.37	3.80	32.26	31.99	4.18
	80	67	46.4	29.7	2.75	44.5	30.5	2.97	42.3	29.7	3.21	40.0	29.4	3.50	37.42	29.25	3.84	34.61	28.86	4.21
	80	72	50.7	22.5	2.82	48.7	23.5	3.04	46.4	22.8	3.29	44.0	22.6	3.58	41.32	22.67	3.91	38.49	22.68	4.28
	75	63	42.9	28.6	2.70	41.0	29.3	2.91	39.0	28.5	3.17	36.7	28.0	3.46	34.03	27.53	3.79	31.02	27.01	4.16
1700	80	62	43.0	38.0	2.76	41.3	38.0	2.98	39.3	36.7	3.23	37.5	35.6	3.53	35.38	34.19	3.87	33.10	32.96	4.25
	80	67	46.9	31.5	2.82	44.9	31.9	3.03	42.7	31.1	3.28	40.3	30.9	3.57	37.76	30.38	3.90	34.88	30.27	4.28
	80	72	51.1	23.8	2.89	49.1	24.3	3.11	46.8	23.6	3.36	44.3	23.6	3.65	41.67	23.48	3.98	38.80	23.66	4.35
	75	63	43.4	30.3	2.77	41.5	30.5	2.99	39.4	29.7	3.23	37.0	29.2	3.52	34.43	28.73	3.86	31.40	28.32	4.23

VT4BD-048K with B6BMM048K-(B,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.
1200	80	62	47.7	34.8	2.95	45.8	34.4	3.23	43.7	34.5	3.54	41.2	33.5	3.89	38.32	34.94	4.29	35.92	32.75	4.76
	80	67	52.4	29.2	3.02	50.4	28.9	3.30	48.2	29.2	3.61	45.7	28.5	3.97	43.03	27.88	4.37	39.90	25.20	4.82
	80	72	58.0	23.1	3.14	55.8	23.0	3.42	53.5	23.4	3.73	50.9	22.9	4.08	48.04	22.46	4.48	44.92	22.95	4.93
	75	63	48.4	28.3	2.96	46.5	28.0	3.24	44.3	28.1	3.55	41.9	27.3	3.90	38.85	24.77	4.29	36.36	26.63	4.76
1350	80	62	48.9	36.9	3.02	47.0	37.6	3.30	44.7	36.4	3.62	42.2	35.8	3.97	39.30	35.33	4.36	36.57	34.88	4.82
	80	67	53.6	30.7	3.10	51.6	31.6	3.38	49.3	30.7	3.70	46.8	30.3	4.05	43.94	30.14	4.44	40.89	29.91	4.90
	80	72	59.2	24.0	3.22	57.0	25.2	3.50	54.5	24.4	3.82	51.8	24.2	4.17	48.84	24.29	4.57	45.59	24.36	5.02
	75	63	49.6	29.7	3.03	47.7	30.5	3.32	45.4	29.6	3.63	42.9	29.0	3.98	40.04	28.69	4.37	36.95	28.26	4.83
1500	80	62	49.9	39.2	3.10	47.9	39.4	3.38	45.6	38.4	3.69	43.1	37.9	4.04	40.26	37.24	4.44	37.17	36.56	4.89
	80	67	54.7	32.6	3.18	52.6	33.1	3.46	50.2	32.2	3.77	47.6	32.0	4.12	44.72	31.59	4.52	41.59	31.54	4.97
	80	72	60.2	25.6	3.30	57.8	26.2	3.58	55.3	25.4	3.90	52.5	25.4	4.25	49.34	25.24	4.64	45.91	25.47	5.09
	75	63	50.6	31.6	3.11	48.6	31.9	3.39	46.3	30.9	3.70	43.7	30.6	4.05	40.89	30.10	4.45	37.45	29.69	4.89

13 SEER + AHU COOLING EXPANDED RATINGS (CONTINUED)

VT4BD-060K 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.	
1450	80	62	58.3	40.8	3.54	55.9	40.3	3.90	53.2	40.3	4.29	50.0	39.2	4.74	47.19	41.30	5.28	44.22	38.70	5.88	
	80	67	64.2	34.5	3.67	61.7	34.1	4.02	58.9	34.4	4.43	55.9	33.5	4.89	52.57	32.80	5.40	48.85	29.84	5.97	
	80	72	70.9	27.6	3.84	68.4	27.5	4.20	65.5	28.0	4.61	61.9	27.1	5.06	58.36	26.56	5.58	54.54	27.13	6.15	
	75	63	59.3	33.6	3.56	56.9	33.1	3.92	54.2	33.2	4.31	51.0	32.2	4.77	47.89	29.38	5.29	44.84	31.59	5.89	
1600	80	62	59.8	42.7	3.61	57.3	43.6	3.96	54.5	42.3	4.36	51.3	41.6	4.81	48.09	41.21	5.33	45.00	40.65	5.93	
	80	67	65.7	35.9	3.74	63.1	37.0	4.10	60.3	35.8	4.50	57.2	35.3	4.96	53.74	35.15	5.48	49.96	34.88	6.04	
	80	72	72.5	28.5	3.92	69.8	29.9	4.28	66.4	28.8	4.68	62.9	28.4	5.13	59.39	28.52	5.66	55.50	28.57	6.23	
	75	63	60.7	34.9	3.63	58.2	35.8	3.98	55.4	34.6	4.38	52.4	33.9	4.84	48.70	33.45	5.34	45.58	33.24	5.94	
1750	80	62	61.0	45.2	3.67	58.4	45.4	4.02	55.6	44.2	4.42	52.4	43.7	4.88	48.78	42.63	5.38	45.61	42.50	5.98	
	80	67	67.0	37.9	3.81	64.3	38.3	4.17	61.4	37.2	4.57	58.2	37.0	5.03	54.74	36.54	5.54	51.00	36.53	6.11	
	80	72	73.8	30.1	4.00	70.5	30.7	4.35	67.3	29.6	4.75	63.9	29.6	5.20	60.24	29.43	5.73	56.29	29.75	6.30	
	75	63	61.9	36.8	3.69	59.4	37.1	4.04	56.5	35.9	4.44	53.3	35.5	4.90	49.78	34.80	5.40	46.26	34.65	5.98	

13 SEER + LOOSE COIL HEATING EXPANDED RATINGS

VT4BD-018K / C7B(A,H)M01824(C,U)-A

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
480	60	9.9	2.03	1.43	12.1	2.41	1.47	13.0	2.57	1.49	16.2	3.08	1.54	19.3	3.55	1.60	21.5	3.86	1.63	22.4	3.99	1.65	25.6	4.40	1.71
	70	9.4	2.01	1.36	11.4	2.35	1.42	12.3	2.49	1.45	15.1	2.91	1.53	18.0	3.29	1.61	20.1	3.53	1.67	20.9	3.63	1.69	23.8	3.94	1.77
	80	8.8	1.95	1.32	10.6	2.25	1.39	11.4	2.37	1.41	14.1	2.73	1.51	16.7	3.06	1.60	18.6	3.26	1.67	19.4	3.34	1.70	22.0	3.60	1.79
580	60	9.9	1.98	1.47	12.2	2.37	1.51	13.1	2.53	1.53	16.3	3.04	1.58	19.5	3.51	1.63	21.8	3.83	1.67	22.7	3.96	1.68	25.9	4.38	1.74
	70	9.5	1.96	1.42	11.5	2.30	1.47	12.4	2.44	1.49	15.4	2.86	1.57	18.3	3.25	1.65	20.3	3.50	1.71	21.2	3.60	1.73	24.2	3.92	1.81
	80	8.9	1.92	1.36	10.8	2.22	1.43	11.6	2.34	1.46	14.3	2.70	1.55	17.0	3.02	1.65	18.9	3.23	1.72	19.7	3.31	1.75	22.4	3.57	1.84
680	60	10.1	1.95	1.52	12.4	2.34	1.55	13.3	2.50	1.57	16.6	3.00	1.62	19.8	3.49	1.66	22.0	3.81	1.70	23.0	3.94	1.71	26.2	4.37	1.76
	70	9.6	1.93	1.45	11.7	2.27	1.51	12.6	2.41	1.53	15.6	2.84	1.61	18.6	3.23	1.68	20.6	3.48	1.74	21.5	3.59	1.76	24.5	3.91	1.84
	80	9.0	1.89	1.40	10.9	2.18	1.47	11.8	2.30	1.50	14.5	2.66	1.60	17.2	2.98	1.69	19.1	3.18	1.76	19.9	3.26	1.79	22.6	3.52	1.89

VT4BD-024K / C7B(A,H)M01824(C,U)-B

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
755	60	12.4	2.25	1.61	15.0	2.59	1.70	16.2	2.72	1.74	20.0	3.12	1.87	23.8	3.47	2.01	26.4	3.69	2.10	27.6	3.78	2.14	31.4	4.05	2.27
	70	11.8	2.20	1.57	14.3	2.48	1.69	15.4	2.59	1.74	18.9	2.92	1.90	22.5	3.20	2.06	25.0	3.37	2.18	26.1	3.43	2.22	29.6	3.64	2.39
	80	11.2	2.11	1.56	13.5	2.35	1.68	14.5	2.45	1.74	17.9	2.72	1.92	21.2	2.95	2.11	23.5	3.09	2.23	24.5	3.14	2.29	27.9	3.30	2.47
855	60	12.4	2.21	1.65	15.1	2.55	1.74	16.3	2.68	1.78	20.1	3.10	1.91	24.0	3.46	2.04	26.7	3.68	2.13	27.9	3.77	2.17	31.8	4.05	2.30
	70	11.9	2.15	1.62	14.4	2.44	1.73	15.5	2.56	1.78	19.1	2.90	1.94	22.8	3.18	2.10	25.3	3.36	2.21	26.4	3.43	2.25	30.0	3.65	2.41
	80	11.3	2.08	1.60	13.7	2.33	1.72	14.7	2.42	1.78	18.1	2.71	1.96	21.5	2.94	2.14	23.9	3.08	2.27	24.9	3.14	2.33	28.3	3.31	2.51
955	60	12.5	2.17	1.69	15.3	2.52	1.78	16.4	2.65	1.82	20.3	3.07	1.94	24.2	3.44	2.07	27.0	3.67	2.15	28.1	3.77	2.19	32.0	4.06	2.32
	70	12.0	2.13	1.66	14.6	2.42	1.77	15.7	2.54	1.81	19.3	2.88	1.97	23.0	3.18	2.12	25.6	3.36	2.23	26.7	3.43	2.28	30.4	3.65	2.44
	80	11.4	2.05	1.64	13.8	2.30	1.76	14.9	2.40	1.82	18.3	2.68	2.00	21.7	2.92	2.18	24.1	3.06	2.30	25.1	3.12	2.36	28.5	3.29	2.54

VT4BD-030K / C7B(A,H)M03036(C,U)-A

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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	16.0	2.41	1.94	19.2	2.81	2.01	20.6	2.97	2.04	25.2	3.48	2.13	29.8	3.94	2.22	33.1	4.25	2.28	34.4	4.37	2.31	39.1	4.77	2.40
	70	15.3	2.30	1.96	18.4	2.65	2.04	19.7	2.79	2.07	24.1	3.24	2.18	28.5	3.64	2.30	31.6	3.90	2.37	32.9	4.01	2.41	37.3	4.34	2.52
	80	14.8	2.17	1.99	17.7	2.49	2.08	18.9	2.62	2.12	23.1	3.02	2.24	27.3	3.38	2.37	30.2	3.61	2.45	31.4	3.70	2.49	35.6	3.99	2.62
1010	60	16.0	2.37	1.98	19.3	2.77	2.04	20.7	2.94	2.07	25.4	3.45	2.16	30.1	3.93	2.25	33.4	4.24	2.31	34.8	4.37	2.33	39.4	4.78	2.42
	70	15.5	2.27	2.00	18.6	2.62	2.08	19.9	2.77	2.11	24.4	3.22	2.22	28.8	3.63	2.33	31.9	3.90	2.40	33.2	4.01	2.43	37.7	4.35	2.54
	80	14.9	2.15	2.03	17.8	2.47	2.11	19.1	2.60	2.15	23.3	3.01	2.28	27.6	3.37	2.40	30.5	3.60	2.49	31.8	3.69	2.52	36.0	3.99	2.65
1110	60	16.1	2.34	2.02	19.4	2.74	2.08	20.9	2.90	2.11	25.6	3.43	2.19	30.3	3.91	2.27	33.6	4.23	2.33	35.0	4.36	2.36	39.8	4.77	2.44
	70	15.6	2.25	2.03	18.7	2.61	2.11	20.1	2.75	2.14	24.6	3.21	2.25	29.1	3.62	2.35	32.2	3.89	2.43	33.6	4.00	2.46	38.0	4.35	2.56
	80	15.0	2.13	2.06	18.0	2.45	2.15	19.3	2.58	2.19	23.5	2.99	2.31	27.8	3.35	2.43	30.7	3.58	2.52	32.0	3.68	2.55	36.3	3.97	2.67

13 SEER + LOOSE COIL HEATING EXPANDED RATINGS (CONTINUED)

VT4BD-036K / C7B(A,H)M03036(C,U)-B

		OUTDOOR TEMPERATURE (Deg. F)																							
150 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
1030	60	20.4	2.62	2.29	24.2	2.97	2.39	25.7	3.11	2.43	31.0	3.54	2.57	36.3	3.93	2.71	40.0	4.18	2.81	41.6	4.28	2.85	46.9	4.60	2.99
	70	19.7	2.45	2.36	23.3	2.76	2.47	24.8	2.89	2.52	29.9	3.28	2.68	35.0	3.62	2.84	38.6	3.84	2.95	40.1	3.93	3.00	45.2	4.20	3.15
	80	19.2	2.29	2.45	22.6	2.58	2.57	24.0	2.69	2.62	28.9	3.03	2.80	33.8	3.34	2.97	37.2	3.53	3.09	38.7	3.61	3.14	43.5	3.85	3.32
1180	60	20.6	2.58	2.34	24.4	2.94	2.43	26.0	3.08	2.47	31.4	3.53	2.61	36.8	3.93	2.74	40.5	4.19	2.83	42.1	4.30	2.87	47.5	4.64	3.01
	70	19.9	2.42	2.41	23.5	2.74	2.52	25.1	2.87	2.57	30.3	3.27	2.72	35.4	3.62	2.87	39.1	3.85	2.97	40.6	3.94	3.02	45.8	4.23	3.17
	80	19.3	2.26	2.50	22.8	2.55	2.62	24.3	2.67	2.67	29.3	3.03	2.84	34.2	3.34	3.00	37.7	3.55	3.12	39.2	3.63	3.17	44.2	3.88	3.34
1330	60	20.7	2.54	2.39	24.5	2.90	2.48	26.2	3.05	2.52	31.6	3.51	2.65	37.1	3.92	2.77	41.0	4.19	2.87	42.6	4.30	2.90	48.1	4.65	3.03
	70	20.1	2.40	2.46	23.8	2.72	2.56	25.4	2.85	2.61	30.6	3.26	2.75	35.8	3.63	2.90	39.5	3.86	3.00	41.1	3.96	3.05	46.3	4.25	3.19
	80	19.5	2.24	2.55	23.0	2.54	2.66	24.5	2.65	2.71	29.5	3.02	2.87	34.6	3.34	3.03	38.1	3.55	3.15	39.6	3.63	3.20	44.6	3.90	3.36

VT4BD-042K / C7B(A,H)M03642(C,U)-B

		OUTDOOR TEMPERATURE (Deg. F)																							
150 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
1170	60	22.0	2.50	2.58	25.9	2.74	2.78	27.6	2.83	2.86	33.1	3.10	3.13	38.7	3.33	3.41	42.6	3.47	3.60	44.3	3.52	3.69	49.8	3.69	3.96
	70	21.2	2.30	2.70	25.0	2.52	2.91	26.6	2.60	3.00	32.0	2.84	3.31	37.4	3.04	3.61	41.1	3.16	3.82	42.8	3.21	3.91	48.1	3.35	4.21
	80	20.7	2.14	2.84	24.3	2.32	3.07	25.9	2.39	3.17	31.0	2.60	3.50	36.2	2.77	3.82	39.8	2.88	4.05	41.3	2.92	4.15	46.5	3.04	4.48
1320	60	22.2	2.47	2.63	26.1	2.72	2.81	27.8	2.82	2.89	33.5	3.11	3.16	39.1	3.35	3.43	43.1	3.50	3.61	44.8	3.56	3.69	50.4	3.74	3.96
	70	21.5	2.29	2.75	25.3	2.51	2.95	26.9	2.60	3.04	32.4	2.85	3.33	37.8	3.06	3.62	41.6	3.19	3.82	43.2	3.25	3.91	48.7	3.40	4.20
	80	20.9	2.12	2.89	24.5	2.31	3.11	26.1	2.39	3.20	31.3	2.61	3.52	36.6	2.80	3.83	40.3	2.91	4.05	41.8	2.96	4.15	47.1	3.09	4.46
1470	60	22.2	2.44	2.67	26.2	2.70	2.85	28.0	2.80	2.93	33.7	3.10	3.19	39.5	3.35	3.45	43.5	3.51	3.63	45.2	3.57	3.71	51.0	3.76	3.97
	70	21.7	2.28	2.79	25.5	2.50	2.99	27.2	2.59	3.08	32.7	2.86	3.36	38.2	3.08	3.64	42.1	3.22	3.83	43.7	3.27	3.92	49.2	3.44	4.20
	80	21.1	2.11	2.93	24.8	2.31	3.15	26.3	2.39	3.24	31.6	2.62	3.54	36.9	2.82	3.85	40.6	2.94	4.06	42.2	2.98	4.15	47.5	3.13	4.45

VT4BD-048K / C7B(A,H)M03648(C,U)-C

		OUTDOOR TEMPERATURE (Deg. F)																							
200 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
1195	60	26.5	2.55	3.06	31.4	2.88	3.19	33.5	3.02	3.25	40.4	3.43	3.45	47.3	3.81	3.65	52.2	4.04	3.78	54.2	4.14	3.84	61.2	4.44	4.04
	70	25.7	2.32	3.24	30.4	2.63	3.39	32.4	2.76	3.45	39.2	3.14	3.66	46.0	3.48	3.87	50.7	3.70	4.01	52.7	3.79	4.08	59.5	4.07	4.29
	80	25.2	2.14	3.45	29.7	2.42	3.61	31.7	2.53	3.67	38.3	2.88	3.90	44.8	3.19	4.12	49.4	3.39	4.27	51.3	3.47	4.34	57.9	3.72	4.56
1395	60	26.8	2.53	3.10	31.7	2.88	3.23	33.8	3.02	3.29	40.9	3.45	3.47	47.9	3.84	3.66	52.8	4.09	3.79	55.0	4.19	3.84	62.0	4.51	4.03
	70	26.0	2.32	3.29	30.8	2.64	3.43	32.9	2.76	3.48	39.7	3.16	3.68	46.6	3.52	3.88	51.4	3.75	4.01	53.4	3.85	4.07	60.3	4.14	4.27
	80	25.4	2.12	3.50	30.0	2.42	3.65	32.0	2.53	3.71	38.7	2.90	3.92	45.4	3.23	4.12	50.0	3.44	4.26	52.0	3.53	4.33	58.7	3.80	4.53
1595	60	26.9	2.50	3.15	31.9	2.86	3.27	34.0	3.00	3.33	41.2	3.45	3.51	48.4	3.85	3.69	53.4	4.11	3.81	55.6	4.22	3.87	62.8	4.55	4.05
	70	26.3	2.31	3.34	31.2	2.64	3.47	33.3	2.77	3.53	40.2	3.18	3.71	47.1	3.54	3.90	52.0	3.78	4.03	54.0	3.88	4.08	61.0	4.19	4.27
	80	25.7	2.12	3.55	30.4	2.42	3.69	32.4	2.54	3.75	39.1	2.91	3.94	45.9	3.25	4.13	50.6	3.47	4.27	52.6	3.56	4.33	59.3	3.85	4.52

VT4BD-060K with C6BH-X60C-(C,D) + VSB

		OUTDOOR TEMPERATURE (Deg. F)																							
200 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
1650	60	33.7	2.68	3.69	37.8	2.88	3.86	39.6	2.96	3.93	45.6	3.21	4.17	51.6	3.43	4.42	55.8	3.57	4.59	57.6	3.63	4.66	63.6	3.80	4.90
	70	32.7	2.41	3.97	36.8	2.60	4.15	38.5	2.68	4.22	44.4	2.91	4.47	50.3	3.12	4.72	54.4	3.26	4.89	56.1	3.31	4.96	62.0	3.49	5.21
	80	32.2	2.21	4.28	36.2	2.38	4.46	37.8	2.44	4.54	43.5	2.66	4.80	49.1	2.84	5.06	53.0	2.97	5.24	54.7	3.02	5.32	60.4	3.17	5.58
1850	60	34.0	2.68	3.72	38.2	2.89	3.88	40.0	2.98	3.95	46.1	3.24	4.18	52.2	3.48	4.41	56.5	3.63	4.57	58.3	3.69	4.63	64.4	3.88	4.86
	70	33.0	2.42	4.00	37.2	2.62	4.16	39.0	2.70	4.23	44.9	2.95	4.46	50.8	3.17	4.70	55.0	3.32	4.86	56.8	3.38	4.93	62.7	3.56	5.16
	80	32.4	2.20	4.31	36.5	2.39	4.48	38.2	2.46	4.55	43.9	2.69	4.79	49.7	2.89	5.03	53.7	3.03	5.20	55.4	3.08	5.27	61.2	3.25	5.51
2050	60	33.9	2.65	3.75	38.3	2.88	3.91	40.2	2.97	3.97	46.5	3.25	4.20	52.7	3.50	4.42	57.1	3.66	4.58	59.0	3.72	4.64	65.2	3.93	4.87
	70	33.4	2.43	4.04	37.6	2.63	4.19	39.4	2.71	4.26	45.4	2.97	4.48	51.4	3.21	4.70	55.6	3.36	4.85	57.4	3.42	4.92	63.4	3.62	5.14
	80	32.7	2.21	4.35	36.8	2.40	4.51	38.6	2.47	4.57	44.4	2.71	4.80	50.2	2.93	5.02	54.2	3.07	5.18	56.0	3.13	5.24	61.8	3.32	5.47

13 SEER + AHU HEATING EXPANDED RATINGS

VT4BD-018K with B6BMM024K-(A,B)

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
545	60	9.2	2.02	1.33	11.4	2.40	1.40	12.4	2.55	1.42	15.6	3.01	1.52	18.8	3.42	1.61	21.0	3.68	1.68	22.0	3.78	1.71	25.2	4.11	1.80
	70	8.7	2.03	1.25	10.7	2.35	1.34	11.6	2.47	1.38	14.6	2.84	1.50	17.5	3.16	1.63	19.6	3.35	1.71	20.5	3.43	1.75	23.4	3.66	1.88
	80	8.0	1.98	1.19	9.9	2.26	1.29	10.8	2.36	1.34	13.5	2.67	1.48	16.2	2.93	1.62	18.1	3.08	1.72	18.9	3.14	1.76	21.6	3.32	1.91
645	60	9.2	1.96	1.37	11.5	2.34	1.44	12.5	2.50	1.47	15.7	2.97	1.56	19.0	3.38	1.65	21.3	3.65	1.71	22.3	3.76	1.74	25.6	4.10	1.83
	70	8.8	1.97	1.30	10.9	2.29	1.39	11.8	2.42	1.43	14.8	2.80	1.55	17.8	3.13	1.67	19.9	3.33	1.75	20.8	3.41	1.79	23.8	3.65	1.91
	80	8.2	1.94	1.23	10.1	2.22	1.34	10.9	2.33	1.38	13.7	2.64	1.52	16.5	2.90	1.67	18.4	3.06	1.77	19.3	3.12	1.81	22.1	3.30	1.96
745	60	9.4	1.94	1.42	11.7	2.31	1.48	12.7	2.47	1.51	16.0	2.94	1.59	19.2	3.36	1.68	21.5	3.63	1.74	22.5	3.74	1.77	25.8	4.09	1.85
	70	8.9	1.93	1.34	11.0	2.26	1.43	11.9	2.39	1.46	15.0	2.78	1.58	18.0	3.11	1.70	20.2	3.31	1.79	21.1	3.40	1.82	24.2	3.65	1.94
	80	8.3	1.91	1.28	10.3	2.18	1.38	11.1	2.29	1.42	13.9	2.60	1.57	16.7	2.86	1.71	18.6	3.01	1.81	19.5	3.08	1.86	22.3	3.26	2.00

VT4BD-024K with B6BMM024K-(A,B)

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
720	60	13.2	2.38	1.63	15.8	2.72	1.70	16.9	2.86	1.73	20.6	3.28	1.84	24.2	3.65	1.95	26.8	3.89	2.02	27.9	3.98	2.06	31.6	4.28	2.16
	70	12.6	2.32	1.59	15.0	2.61	1.69	16.1	2.73	1.73	19.5	3.07	1.86	23.0	3.37	2.00	25.4	3.56	2.09	26.4	3.63	2.13	29.8	3.86	2.27
	80	12.0	2.23	1.58	14.3	2.48	1.69	15.2	2.58	1.73	18.5	2.87	1.88	21.7	3.12	2.04	23.9	3.27	2.14	24.9	3.33	2.19	28.1	3.52	2.34
820	60	13.3	2.33	1.67	15.9	2.68	1.74	17.0	2.81	1.77	20.7	3.24	1.88	24.5	3.63	1.98	27.1	3.87	2.05	28.2	3.97	2.08	32.0	4.28	2.19
	70	12.7	2.28	1.64	15.2	2.57	1.73	16.2	2.69	1.77	19.7	3.04	1.90	23.2	3.35	2.03	25.7	3.54	2.12	26.7	3.62	2.16	30.2	3.86	2.29
	80	12.1	2.20	1.62	14.4	2.45	1.72	15.4	2.55	1.77	18.7	2.85	1.92	22.0	3.11	2.07	24.3	3.26	2.18	25.2	3.32	2.23	28.5	3.52	2.38
920	60	13.4	2.29	1.71	16.0	2.64	1.78	17.2	2.78	1.81	20.9	3.21	1.91	24.7	3.61	2.01	27.4	3.86	2.08	28.5	3.96	2.11	32.3	4.28	2.21
	70	12.8	2.25	1.68	15.3	2.54	1.77	16.4	2.66	1.81	19.9	3.02	1.93	23.5	3.34	2.06	26.0	3.54	2.15	27.0	3.62	2.19	30.6	3.87	2.32
	80	12.3	2.17	1.66	14.6	2.42	1.76	15.6	2.52	1.81	18.9	2.82	1.96	22.1	3.08	2.11	24.5	3.24	2.22	25.4	3.30	2.26	28.7	3.49	2.41

VT4BD-030K with B6BMM030K-(A,B)

		OUTDOOR TEMPERATURE (Deg. F)																							
150 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
930	60	16.6	2.46	1.98	19.8	2.74	2.12	21.1	2.84	2.18	25.7	3.16	2.38	30.2	3.43	2.59	33.4	3.59	2.73	34.8	3.66	2.79	39.3	3.85	2.99
	70	15.9	2.34	2.00	19.0	2.57	2.16	20.3	2.66	2.23	24.6	2.92	2.47	28.9	3.14	2.70	31.9	3.27	2.86	33.2	3.33	2.93	37.6	3.48	3.16
	80	15.4	2.21	2.04	18.2	2.41	2.22	19.5	2.48	2.30	23.6	2.70	2.56	27.6	2.88	2.81	30.5	2.99	2.99	31.7	3.03	3.07	35.8	3.16	3.33
1080	60	16.7	2.41	2.03	20.0	2.70	2.17	21.4	2.81	2.23	26.0	3.15	2.42	30.6	3.43	2.62	33.9	3.60	2.76	35.2	3.67	2.81	39.9	3.89	3.01
	70	16.1	2.29	2.06	19.2	2.54	2.22	20.5	2.63	2.29	24.9	2.91	2.51	29.3	3.15	2.73	32.4	3.29	2.89	33.7	3.35	2.96	38.1	3.52	3.18
	80	15.5	2.17	2.10	18.5	2.38	2.28	19.7	2.46	2.35	23.9	2.70	2.60	28.1	2.89	2.85	31.0	3.01	3.02	32.3	3.05	3.10	36.5	3.19	3.35
1230	60	16.9	2.37	2.08	20.1	2.67	2.22	21.6	2.78	2.27	26.3	3.13	2.46	31.0	3.42	2.65	34.3	3.61	2.79	35.7	3.68	2.84	40.4	3.90	3.03
	70	16.3	2.27	2.11	19.4	2.52	2.26	20.8	2.62	2.33	25.3	2.91	2.55	29.7	3.15	2.77	32.8	3.30	2.92	34.2	3.36	2.98	38.7	3.54	3.20
	80	15.7	2.14	2.16	18.7	2.36	2.33	20.0	2.44	2.40	24.2	2.68	2.64	28.4	2.89	2.88	31.4	3.01	3.05	32.6	3.06	3.13	36.9	3.21	3.37

VT4BD-036K with B6BMM036K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
150 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
1035	60	19.2	2.51	2.24	22.9	2.83	2.37	24.5	2.97	2.42	29.8	3.36	2.60	35.1	3.70	2.78	38.8	3.92	2.90	40.4	4.01	2.96	45.7	4.28	3.14
	70	18.5	2.35	2.31	22.1	2.64	2.45	23.6	2.76	2.51	28.7	3.10	2.71	33.8	3.40	2.91	37.4	3.59	3.05	38.9	3.66	3.11	44.0	3.89	3.32
	80	17.9	2.20	2.39	21.3	2.46	2.55	22.8	2.56	2.61	27.7	2.87	2.83	32.6	3.13	3.05	36.0	3.29	3.21	37.4	3.35	3.27	42.3	3.55	3.50
1185	60	19.3	2.47	2.30	23.1	2.81	2.42	24.7	2.94	2.47	30.1	3.35	2.64	35.5	3.71	2.81	39.3	3.94	2.93	40.9	4.03	2.98	46.3	4.31	3.15
	70	18.7	2.32	2.36	22.3	2.62	2.50	23.9	2.74	2.56	29.0	3.10	2.75	34.2	3.41	2.94	37.8	3.61	3.08	39.4	3.69	3.13	44.6	3.93	3.33
	80	18.1	2.17	2.45	21.6	2.44	2.59	23.1	2.54	2.66	28.0	2.86	2.87	33.0	3.14	3.08	36.5	3.31	3.23	38.0	3.38	3.30	42.9	3.59	3.51
1335	60	19.4	2.43	2.34	23.3	2.77	2.46	24.9	2.91	2.51	30.4	3.33	2.68	35.9	3.70	2.84	39.7	3.94	2.96	41.4	4.03	3.01	46.9	4.33	3.18
	70	18.9	2.30	2.41	22.6	2.60	2.54	24.1	2.72	2.60	29.4	3.09	2.79	34.6	3.42	2.97	38.3	3.62	3.10	39.9	3.70	3.16	45.1	3.95	3.35
	80	18.3	2.15	2.49	21.8	2.42	2.64	23.3	2.53	2.70	28.3	2.86	2.91	33.3	3.14	3.11	36.8	3.32	3.26	38.3	3.39	3.32	43.4	3.61	3.53

13 SEER + AHU HEATING EXPANDED RATINGS (CONTINUED)

VT4BD-042K with B6BMM042K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
150 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
1385	60	22.4	2.41	2.72	26.3	2.65	2.91	27.9	2.74	2.98	33.4	3.02	3.24	38.9	3.26	3.50	42.7	3.40	3.68	44.3	3.46	3.76	49.8	3.63	4.02
	70	21.7	2.22	2.87	25.4	2.43	3.06	27.0	2.51	3.15	32.2	2.76	3.43	37.5	2.97	3.71	41.2	3.10	3.90	42.8	3.15	3.99	48.1	3.31	4.27
	80	21.1	2.05	3.02	24.7	2.24	3.24	26.2	2.31	3.33	31.3	2.52	3.63	36.3	2.71	3.94	39.9	2.82	4.15	41.4	2.86	4.24	46.4	3.00	4.55
1535	60	22.6	2.39	2.77	26.5	2.64	2.94	28.2	2.74	3.02	33.7	3.03	3.27	39.3	3.28	3.51	43.2	3.43	3.69	44.9	3.49	3.76	50.4	3.68	4.01
	70	21.9	2.21	2.91	25.6	2.43	3.10	27.2	2.51	3.18	32.6	2.77	3.45	38.0	3.00	3.72	41.7	3.13	3.91	43.3	3.19	3.99	48.7	3.35	4.26
	80	21.3	2.03	3.07	24.9	2.23	3.27	26.4	2.31	3.36	31.6	2.54	3.65	36.7	2.73	3.94	40.4	2.85	4.15	41.9	2.90	4.23	47.1	3.05	4.52
1685	60	22.6	2.37	2.81	26.6	2.62	2.98	28.3	2.72	3.05	34.0	3.02	3.30	39.6	3.28	3.54	43.6	3.45	3.71	45.3	3.51	3.78	51.0	3.71	4.03
	70	22.1	2.20	2.95	25.9	2.42	3.13	27.5	2.51	3.21	33.0	2.78	3.47	38.4	3.01	3.73	42.2	3.16	3.92	43.8	3.21	4.00	49.2	3.39	4.26
	80	21.5	2.03	3.11	25.1	2.23	3.31	26.7	2.31	3.39	31.9	2.55	3.67	37.1	2.75	3.95	40.7	2.88	4.15	42.3	2.93	4.23	47.5	3.09	4.51

VT4BD-048K with B6BMM048K-(B,C)

		OUTDOOR TEMPERATURE (Deg. F)																							
200 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
1160	60	26.2	2.59	2.97	30.9	2.83	3.20	32.8	2.92	3.30	39.4	3.19	3.63	46.1	3.42	3.95	50.7	3.56	4.18	52.7	3.61	4.28	59.3	3.77	4.60
	70	25.4	2.36	3.15	29.9	2.58	3.40	31.8	2.66	3.50	38.3	2.91	3.85	44.7	3.12	4.20	49.2	3.25	4.45	51.2	3.30	4.55	57.6	3.45	4.90
	80	24.9	2.18	3.35	29.2	2.37	3.62	31.1	2.44	3.73	37.3	2.66	4.11	43.5	2.84	4.49	47.9	2.95	4.75	49.8	3.00	4.87	56.0	3.13	5.24
1360	60	26.5	2.57	3.02	31.2	2.82	3.24	33.2	2.92	3.33	39.9	3.21	3.64	46.6	3.46	3.95	51.3	3.61	4.17	53.4	3.67	4.26	60.1	3.85	4.58
	70	25.7	2.35	3.20	30.3	2.59	3.44	32.2	2.67	3.53	38.8	2.94	3.87	45.3	3.16	4.20	49.9	3.30	4.43	51.8	3.35	4.53	58.3	3.52	4.86
	80	25.1	2.16	3.41	29.5	2.37	3.66	31.4	2.45	3.76	37.8	2.69	4.12	44.1	2.89	4.48	48.5	3.01	4.73	50.4	3.06	4.83	56.8	3.21	5.19
1560	60	26.6	2.54	3.07	31.4	2.80	3.28	33.4	2.91	3.37	40.3	3.21	3.67	47.1	3.48	3.98	51.9	3.64	4.19	54.0	3.70	4.28	60.8	3.89	4.58
	70	26.1	2.35	3.26	30.7	2.59	3.48	32.7	2.68	3.58	39.2	2.96	3.89	45.8	3.19	4.21	50.5	3.34	4.44	52.4	3.39	4.53	59.0	3.57	4.85
	80	25.4	2.15	3.46	29.9	2.37	3.70	31.8	2.45	3.80	38.2	2.71	4.14	44.6	2.92	4.48	49.1	3.05	4.72	51.0	3.10	4.82	57.4	3.26	5.16

VT4BD-060K with B6BMM060K-C

		OUTDOOR TEMPERATURE (Deg. F)																							
200 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
1400	60	30.3	2.29	3.88	36.4	2.56	4.17	39.0	2.67	4.29	47.7	2.97	4.70	56.4	3.23	5.12	62.5	3.39	5.41	65.1	3.45	5.53	73.8	3.64	5.94
	70	29.4	2.05	4.20	35.4	2.30	4.50	37.9	2.40	4.63	46.5	2.69	5.06	55.0	2.94	5.49	61.0	3.09	5.79	63.6	3.15	5.92	72.1	3.33	6.34
	80	28.9	1.87	4.54	34.7	2.10	4.86	37.2	2.18	5.00	45.6	2.45	5.46	53.9	2.67	5.92	59.7	2.81	6.24	62.3	2.86	6.38	70.6	3.03	6.84
1600	60	30.6	2.30	3.91	36.8	2.58	4.18	39.4	2.69	4.30	48.2	3.01	4.69	57.0	3.29	5.09	63.2	3.46	5.36	65.8	3.52	5.48	74.6	3.73	5.87
	70	29.7	2.07	4.22	35.8	2.33	4.50	38.4	2.43	4.63	47.0	2.74	5.03	55.6	3.00	5.44	61.7	3.16	5.73	64.3	3.22	5.85	72.9	3.42	6.26
	80	29.1	1.87	4.57	35.0	2.11	4.87	37.6	2.20	5.00	46.0	2.49	5.43	54.5	2.73	5.86	60.4	2.88	6.16	62.9	2.94	6.28	71.4	3.12	6.71
1800	60	30.6	2.28	3.93	36.9	2.57	4.20	39.6	2.69	4.32	48.6	3.03	4.70	57.5	3.31	5.09	63.8	3.49	5.36	66.5	3.56	5.48	75.5	3.77	5.86
	70	30.1	2.07	4.26	36.2	2.34	4.53	38.8	2.45	4.65	47.5	2.76	5.04	56.2	3.04	5.43	62.3	3.20	5.70	64.9	3.27	5.82	73.6	3.48	6.21
	80	29.4	1.87	4.60	35.4	2.12	4.89	37.9	2.22	5.01	46.5	2.52	5.41	55.0	2.77	5.82	61.0	2.93	6.10	63.5	2.99	6.23	72.0	3.19	6.63

13 SEER COOLING EXPANDED RATINGS

VT4BD-018K B6EMMX24K-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.
525	80	62	18.2	14.6	0.97	17.5	14.5	1.11	16.7	14.6	1.25	15.9	14.3	1.40	15.06	14.81	1.57	14.20	13.96	1.76
	80	67	19.7	11.8	0.97	18.9	11.7	1.11	18.0	11.7	1.25	17.1	11.4	1.41	16.12	11.19	1.57	15.08	10.58	1.76
	80	72	21.9	9.2	0.96	20.9	9.2	1.11	19.2	9.2	1.26	18.2	8.9	1.41	17.06	8.64	1.58	15.89	8.69	1.77
	75	63	18.2	11.4	0.97	17.5	11.3	1.11	16.7	11.3	1.25	15.8	11.0	1.40	14.93	10.05	1.57	13.95	10.74	1.76
600	80	62	18.7	15.8	0.98	18.0	16.1	1.12	17.2	15.7	1.26	16.4	15.4	1.41	15.59	15.06	1.58	14.70	14.58	1.77
	80	67	20.2	12.5	0.98	19.3	12.8	1.11	18.4	12.4	1.26	17.5	12.2	1.42	16.44	12.13	1.59	15.35	12.00	1.77
	80	72	21.6	9.6	0.97	20.6	9.9	1.12	19.5	9.5	1.27	18.4	9.3	1.42	17.28	9.18	1.59	16.08	9.06	1.78
675	75	63	18.7	12.1	0.98	17.9	12.3	1.12	17.0	12.0	1.26	16.2	11.7	1.41	15.20	11.61	1.58	14.20	11.44	1.77
	80	62	19.2	17.1	0.98	18.4	17.2	1.12	17.7	16.5	1.27	16.9	16.1	1.42	16.05	15.51	1.59	15.11	15.04	1.78
	80	67	20.6	13.4	0.98	19.7	13.5	1.12	18.7	13.1	1.27	17.7	13.0	1.43	16.69	12.76	1.60	15.56	12.64	1.78
	80	72	21.9	10.1	0.98	20.9	10.2	1.12	19.8	9.8	1.27	18.7	9.6	1.43	17.42	9.37	1.60	16.17	9.27	1.79
75	63	19.0	12.9	0.98	18.2	13.0	1.12	17.4	12.6	1.27	16.4	12.4	1.42	15.45	12.15	1.59	14.40	12.03	1.78	

VT4BD-024K B6EMMX24K-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	24.2	19.2	1.29	23.3	19.0	1.45	22.4	19.2	1.63	21.4	18.9	1.82	20.29	19.86	2.03	19.19	18.78	2.27
	80	67	26.3	15.3	1.28	25.3	15.2	1.45	24.2	15.4	1.63	23.1	15.1	1.83	21.89	14.91	2.04	20.62	14.07	2.28
	80	72	29.0	11.9	1.29	27.8	11.8	1.46	26.6	12.1	1.64	25.3	11.8	1.84	24.00	11.69	2.06	22.58	12.02	2.30
	75	63	24.4	14.9	1.29	23.5	14.8	1.45	22.5	14.9	1.63	21.5	14.6	1.82	20.34	13.54	2.03	19.16	14.53	2.27
800	80	62	24.9	20.7	1.30	24.0	21.1	1.46	23.0	20.7	1.64	22.0	20.5	1.83	21.03	20.28	2.05	20.02	19.85	2.29
	80	67	27.0	16.3	1.30	25.9	16.8	1.47	24.8	16.4	1.65	23.6	16.2	1.84	22.34	16.26	2.06	21.02	16.27	2.30
	80	72	29.6	12.5	1.30	28.4	13.1	1.48	27.1	12.7	1.66	25.8	12.6	1.86	24.34	12.77	2.07	22.81	12.87	2.31
	75	63	25.0	15.8	1.30	24.1	16.3	1.46	23.0	15.8	1.64	21.9	15.7	1.83	20.76	15.63	2.05	19.52	15.60	2.29
900	80	62	25.5	22.4	1.31	24.6	22.6	1.48	23.7	22.0	1.66	22.8	21.6	1.85	21.75	21.01	2.07	20.64	20.55	2.31
	80	67	27.5	17.6	1.31	26.4	17.8	1.48	25.2	17.4	1.66	24.0	17.3	1.86	22.70	17.21	2.07	21.34	17.31	2.31
	80	72	30.1	13.5	1.32	28.8	13.8	1.49	27.5	13.4	1.67	26.0	13.4	1.87	24.62	13.37	2.09	23.14	13.54	2.33
	75	63	25.5	17.0	1.31	24.5	17.2	1.48	23.5	16.7	1.66	22.3	16.7	1.85	21.10	16.51	2.06	19.89	17.05	2.30

VT4BD-030K B6EMMX30K-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	29.6	23.6	1.61	28.5	23.4	1.80	27.4	23.5	2.01	26.2	23.2	2.24	26.15	25.40	2.24	23.50	22.83	2.80
	80	67	32.3	19.4	1.62	31.1	19.3	1.82	29.8	19.5	2.02	28.5	19.2	2.25	27.04	18.97	2.51	25.52	17.74	2.81
	80	72	35.5	14.9	1.64	34.1	14.9	1.84	32.6	15.2	2.04	31.2	14.9	2.27	29.56	14.77	2.53	27.85	15.19	2.82
	75	63	30.0	18.8	1.61	28.9	18.7	1.80	27.7	18.9	2.01	26.4	18.5	2.24	25.12	17.21	2.51	23.67	18.47	2.81
1000	80	62	30.4	25.2	1.63	29.2	25.7	1.82	28.0	25.1	2.03	26.8	24.8	2.26	26.80	25.41	2.26	24.25	24.04	2.83
	80	67	33.0	20.7	1.65	31.7	21.3	1.84	30.4	20.8	2.05	29.0	20.7	2.27	27.55	20.73	2.54	25.97	20.77	2.84
	80	72	36.1	15.7	1.67	34.7	16.5	1.85	33.2	16.0	2.06	31.6	16.0	2.29	29.92	16.10	2.55	28.22	16.24	2.84
	75	63	30.7	20.0	1.64	29.5	20.6	1.82	28.2	20.1	2.03	27.0	19.9	2.26	25.59	19.89	2.53	24.06	19.78	2.83
1125	80	62	31.0	27.1	1.65	29.8	27.2	1.85	28.6	26.4	2.05	27.4	26.0	2.28	27.43	26.50	2.28	24.96	24.86	2.85
	80	67	33.6	22.3	1.67	32.3	22.6	1.86	30.9	22.1	2.07	29.5	22.1	2.30	27.94	21.85	2.56	26.30	22.00	2.86
	80	72	36.6	16.9	1.69	35.0	17.3	1.88	33.5	16.8	2.09	32.0	16.9	2.31	30.32	16.86	2.57	28.58	17.11	2.86
	75	63	31.2	21.5	1.65	30.0	21.7	1.85	28.7	21.2	2.05	27.4	21.2	2.28	25.93	20.92	2.55	24.41	20.99	2.85

VT4BD-036K B6EMMX36K-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	35.8	28.5	2.01	34.4	28.3	2.25	32.9	28.4	2.50	31.3	27.8	2.78	29.54	28.88	3.11	27.75	27.13	3.47
	80	67	39.1	23.4	2.04	37.4	23.3	2.28	35.8	23.5	2.53	34.0	23.0	2.81	32.05	22.69	3.13	29.99	21.22	3.50
	80	72	42.7	17.9	2.08	41.0	17.9	2.32	39.1	18.2	2.57	37.1	17.8	2.86	34.99	17.56	3.18	32.72	17.98	3.54
	75	63	36.3	22.7	2.02	34.8	22.5	2.25	33.3	22.7	2.50	31.6	22.2	2.79	29.79	20.42	3.11	27.85	22.00	3.47
1200	80	62	36.7	30.5	2.05	35.2	31.1	2.28	33.6	30.3	2.53	32.0	29.8	2.81	30.31	29.29	3.14	28.67	28.43	3.50
	80	67	39.9	25.0	2.07	38.2	25.7	2.31	36.5	25.0	2.56	34.6	24.8	2.85	32.62	24.79	3.17	30.47	24.75	3.53
	80	72	43.5	18.9	2.11	41.7	19.8	2.35	39.7	19.2	2.60	37.6	19.1	2.89	35.43	19.17	3.21	33.13	19.24	3.57
	75	63	37.1	24.2	2.05	35.6	24.8	2.28	33.9	24.2	2.53	32.2	23.9	2.82	30.32	23.79	3.14	28.32	23.58	3.50
1350	80	62	37.5	32.8	2.07	35.9	32.8	2.31	34.4	31.9	2.56	32.8	31.2	2.85	31.22	30.17	3.17	29.49	29.37	3.54
	80	67	40.5	26.9	2.10	38.8	27.2	2.34	37.0	26.6	2.59	35.1	26.5	2.88	33.03	26.15	3.19	30.85	26.23	3.56
	80	72	44.1	20.3	2.14	42.2	20.8	2.38	40.2	20.2	2.63	38.1	20.2	2.92	35.87	20.08	3.24	33.52	20.29	3.59
	75	63	37.8	26.0	2.07	36.2	26.2	2.31	34.5	25.6	2.56	32.7	25.4	2.85	30.74	25.05	3.17	28.68	25.04	3.53

13 SEER COOLING EXPANDED RATINGS (CONTINUED)

VT4BD-042K B6EMMX42K-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	41.4	32.2	2.43	39.9	32.0	2.66	38.3	32.2	2.93	36.6	31.6	3.23	34.77	33.04	3.59	32.79	31.16	3.97
	80	67	45.1	26.7	2.44	43.4	26.5	2.67	41.6	26.8	2.94	39.7	26.2	3.25	37.62	25.82	3.60	35.47	24.16	4.00
	80	72	49.4	20.8	2.45	47.5	20.8	2.69	45.1	21.2	2.96	42.8	20.7	3.27	40.60	20.37	3.63	38.21	20.80	4.02
	75	63	41.8	25.8	2.44	40.3	25.6	2.66	38.6	25.8	2.93	36.9	25.3	3.24	34.98	23.40	3.59	32.91	25.07	3.98
1400	80	62	42.4	34.4	2.48	40.9	35.1	2.71	39.2	34.3	2.98	37.4	33.8	3.28	35.49	33.56	3.64	33.56	33.06	4.03
	80	67	46.0	28.3	2.48	44.3	29.1	2.73	42.4	28.3	2.99	40.4	28.0	3.30	38.30	28.02	3.65	36.05	27.97	4.05
	80	72	49.7	21.9	2.50	47.7	22.8	2.74	45.8	22.1	3.01	43.6	21.9	3.33	41.26	21.95	3.68	38.81	22.01	4.07
1575	75	63	42.7	27.3	2.48	41.1	28.1	2.71	39.4	27.3	2.98	37.6	27.0	3.29	35.57	26.90	3.64	33.46	26.77	4.03
	80	62	43.2	36.9	2.53	41.6	37.0	2.76	39.9	36.1	3.03	38.1	35.7	3.34	36.21	34.98	3.69	34.37	34.22	4.08
	80	67	46.8	30.3	2.54	45.0	30.6	2.77	43.1	29.9	3.04	41.0	29.7	3.35	38.80	29.49	3.70	36.50	29.59	4.10
	80	72	50.5	23.3	2.55	48.6	23.7	2.78	46.4	23.0	3.06	44.2	22.9	3.38	41.77	22.79	3.73	39.25	22.98	4.12
75	63	43.4	29.2	2.53	41.8	29.5	2.76	40.0	28.7	3.03	38.1	28.6	3.34	36.04	28.26	3.68	33.88	28.26	4.08	

VT4BD-048K B6EMMX48K-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	49.3	37.9	2.78	47.5	37.6	3.09	45.4	37.7	3.43	43.2	37.0	3.80	40.80	38.61	4.22	38.28	36.23	4.69
	80	67	53.5	31.4	2.78	51.2	31.0	3.11	48.9	31.3	3.45	46.5	30.6	3.82	43.95	29.96	4.24	41.19	28.03	4.72
	80	72	58.5	24.6	2.79	55.9	24.4	3.12	52.5	24.8	3.47	49.8	24.2	3.85	46.99	23.62	4.27	43.99	23.96	4.74
	75	63	49.7	30.5	2.78	47.7	30.1	3.09	45.6	30.3	3.43	43.3	29.5	3.80	40.92	27.05	4.22	38.33	28.98	4.69
1600	80	62	50.5	40.5	2.83	48.5	41.2	3.14	46.3	40.2	3.48	44.1	39.6	3.85	41.64	39.21	4.27	39.12	38.55	4.75
	80	67	54.6	33.2	2.83	52.4	34.0	3.16	50.0	33.1	3.50	47.5	32.6	3.88	44.72	32.44	4.30	41.90	32.25	4.78
	80	72	58.6	25.7	2.84	56.1	26.7	3.17	53.4	25.8	3.52	50.7	25.4	3.90	47.73	25.35	4.33	44.63	25.23	4.80
1800	75	63	50.8	32.2	2.83	48.8	32.9	3.15	46.6	31.9	3.48	44.2	31.4	3.86	41.69	31.17	4.27	38.99	30.90	4.75
	80	62	51.5	43.4	2.88	49.4	43.6	3.20	47.2	42.4	3.54	44.9	41.9	3.91	42.42	40.98	4.33	40.03	39.86	4.81
	80	67	55.6	35.5	2.89	53.2	35.8	3.21	50.7	34.8	3.56	48.1	34.5	3.93	45.29	34.09	4.36	42.40	34.03	4.83
	80	72	59.5	27.3	2.89	56.9	27.7	3.22	54.2	26.7	3.58	51.3	26.5	3.96	48.24	26.16	4.38	45.08	26.22	4.85
75	63	51.7	34.3	2.88	49.6	34.5	3.20	47.2	33.5	3.54	44.8	33.2	3.91	42.19	32.69	4.33	39.46	32.53	4.80	

VT4BD-060K B6EMMX60K-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.
1750	80	62	62.4	46.5	3.66	60.1	46.1	4.05	57.6	46.4	4.48	55.1	45.6	4.96	52.30	47.51	5.52	49.35	44.84	6.16
	80	67	67.5	38.6	3.72	64.9	38.3	4.11	62.3	38.6	4.54	59.4	37.9	5.03	56.51	37.22	5.59	53.34	34.86	6.22
	80	72	74.1	30.4	3.81	71.1	30.3	4.20	67.8	31.0	4.62	63.8	30.3	5.10	60.53	29.77	5.66	57.06	30.40	6.29
	75	63	62.9	37.6	3.67	60.5	37.2	4.05	58.0	37.5	4.48	55.4	36.7	4.97	52.62	33.92	5.52	49.62	36.28	6.16
2000	80	62	63.9	49.6	3.73	61.5	50.6	4.12	58.9	49.1	4.55	56.2	48.5	5.03	53.37	48.28	5.59	50.35	47.95	6.22
	80	67	69.1	40.7	3.79	66.4	41.9	4.18	63.6	40.8	4.61	60.7	40.3	5.10	57.62	40.26	5.66	54.33	40.18	6.29
	80	72	74.2	31.9	3.86	71.3	33.3	4.25	68.2	32.2	4.68	65.0	31.9	5.17	61.64	31.98	5.74	58.04	32.05	6.36
2250	75	63	64.4	39.6	3.74	61.9	40.6	4.12	59.3	39.5	4.55	56.6	38.9	5.04	53.67	38.80	5.59	50.57	38.62	6.23
	80	62	65.2	52.8	3.80	62.6	53.1	4.18	60.0	51.8	4.61	57.2	51.4	5.10	54.30	50.77	5.66	51.26	50.38	6.29
	80	67	70.4	43.5	3.86	67.6	43.9	4.25	64.7	42.8	4.68	61.7	42.6	5.17	58.44	42.21	5.72	55.03	42.35	6.36
	80	72	75.5	33.9	3.93	72.5	34.5	4.32	69.3	33.4	4.76	66.0	33.3	5.24	62.48	33.06	5.80	58.66	33.35	6.42
75	63	65.7	42.2	3.80	63.1	42.5	4.19	60.4	41.3	4.62	57.5	41.0	5.11	54.44	40.60	5.66	51.23	40.60	6.29	

13 SEER HEATING EXPANDED RATINGS

VT4BD-018K / B6EMMX24K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
570	60	9.5	2.22	1.26	11.4	2.53	1.32	12.2	2.65	1.35	14.9	3.03	1.45	17.7	3.36	1.54	19.5	3.57	1.61	20.4	3.65	1.64	23.1	3.91	1.73
	70	9.0	2.26	1.17	10.7	2.50	1.26	11.5	2.60	1.29	13.9	2.87	1.42	16.4	3.10	1.55	18.1	3.24	1.64	18.8	3.30	1.67	21.3	3.47	1.80
	80	8.4	2.25	1.10	10.0	2.43	1.20	10.6	2.51	1.24	12.8	2.71	1.39	15.0	2.88	1.53	16.6	2.97	1.64	17.3	3.01	1.68	19.5	3.13	1.83
670	60	9.6	2.15	1.30	11.5	2.47	1.37	12.3	2.60	1.39	15.1	2.98	1.49	17.9	3.32	1.58	19.8	3.54	1.64	20.7	3.63	1.67	23.4	3.90	1.76
	70	9.1	2.19	1.22	10.9	2.44	1.31	11.6	2.54	1.34	14.1	2.82	1.47	16.6	3.07	1.59	18.4	3.22	1.68	19.1	3.28	1.71	21.7	3.46	1.84
	80	8.5	2.19	1.14	10.1	2.39	1.24	10.8	2.46	1.29	13.1	2.67	1.43	15.4	2.85	1.58	17.0	2.95	1.69	17.6	2.99	1.73	19.9	3.11	1.88
770	60	9.8	2.12	1.35	11.7	2.43	1.41	12.5	2.56	1.44	15.3	2.95	1.52	18.1	3.30	1.61	20.1	3.52	1.67	20.9	3.61	1.70	23.7	3.90	1.78
	70	9.2	2.14	1.26	11.0	2.40	1.35	11.8	2.50	1.38	14.3	2.80	1.50	16.9	3.05	1.62	18.7	3.21	1.71	19.5	3.27	1.75	22.0	3.46	1.87
	80	8.7	2.15	1.18	10.3	2.34	1.29	11.0	2.41	1.33	13.2	2.62	1.48	15.5	2.80	1.63	17.1	2.90	1.73	17.8	2.94	1.78	20.1	3.07	1.92

VT4BD-024K / B6EMMX24K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
640	60	12.4	2.50	1.46	15.0	2.85	1.55	16.1	2.99	1.58	19.8	3.41	1.70	23.4	3.77	1.82	26.0	4.00	1.91	27.1	4.09	1.94	30.8	4.37	2.06
	70	11.9	2.48	1.40	14.3	2.77	1.51	15.3	2.89	1.55	18.7	3.22	1.71	22.1	3.49	1.86	24.5	3.66	1.97	25.6	3.73	2.01	29.0	3.93	2.16
	80	11.3	2.43	1.36	13.5	2.67	1.48	14.5	2.76	1.54	17.7	3.03	1.71	20.8	3.25	1.88	23.1	3.38	2.00	24.0	3.43	2.05	27.2	3.59	2.22
740	60	12.5	2.44	1.50	15.1	2.79	1.59	16.2	2.94	1.62	20.0	3.37	1.74	23.7	3.74	1.86	26.3	3.98	1.94	27.4	4.07	1.97	31.1	4.36	2.09
	70	12.0	2.42	1.45	14.4	2.72	1.56	15.5	2.83	1.60	18.9	3.18	1.75	22.4	3.47	1.90	24.8	3.64	2.00	25.9	3.71	2.04	29.4	3.93	2.19
	80	11.4	2.38	1.40	13.7	2.63	1.52	14.6	2.72	1.58	17.9	3.00	1.75	21.2	3.23	1.92	23.4	3.36	2.04	24.4	3.42	2.09	27.7	3.58	2.27
840	60	12.6	2.39	1.55	15.3	2.75	1.63	16.4	2.89	1.66	20.1	3.33	1.77	23.9	3.72	1.89	26.5	3.96	1.97	27.7	4.06	2.00	31.4	4.36	2.11
	70	12.1	2.38	1.49	14.6	2.68	1.59	15.6	2.80	1.64	19.2	3.15	1.78	22.7	3.45	1.93	25.1	3.63	2.03	26.2	3.71	2.07	29.7	3.93	2.22
	80	11.5	2.34	1.45	13.8	2.59	1.57	14.8	2.68	1.62	18.1	2.96	1.79	21.3	3.19	1.96	23.6	3.33	2.08	24.6	3.38	2.13	27.9	3.55	2.30

VT4BD-030K / B6EMMX30K-B

		OUTDOOR TEMPERATURE (Deg. F)																							
100 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
790	60	15.6	2.61	1.76	18.3	2.91	1.85	19.5	3.02	1.89	23.4	3.37	2.03	27.2	3.68	2.17	29.9	3.88	2.26	31.1	3.95	2.31	34.9	4.20	2.44
	70	15.0	2.52	1.74	17.6	2.77	1.86	18.7	2.87	1.91	22.3	3.15	2.07	25.9	3.40	2.24	28.5	3.55	2.35	29.6	3.61	2.40	33.2	3.79	2.57
	80	14.4	2.42	1.75	16.8	2.63	1.88	17.8	2.70	1.94	21.2	2.94	2.12	24.6	3.14	2.30	27.0	3.26	2.43	28.1	3.31	2.49	31.5	3.45	2.67
890	60	15.7	2.57	1.80	18.5	2.86	1.89	19.6	2.98	1.93	23.6	3.35	2.06	27.5	3.67	2.20	30.2	3.87	2.29	31.4	3.95	2.33	35.3	4.20	2.46
	70	15.1	2.48	1.79	17.7	2.73	1.90	18.8	2.83	1.95	22.5	3.13	2.11	26.2	3.38	2.27	28.8	3.54	2.38	29.9	3.61	2.43	33.6	3.80	2.59
	80	14.5	2.38	1.79	17.0	2.60	1.92	18.0	2.68	1.97	21.5	2.92	2.15	25.0	3.13	2.34	27.4	3.26	2.47	28.4	3.31	2.52	31.9	3.46	2.70
990	60	15.8	2.52	1.84	18.6	2.83	1.93	19.8	2.95	1.97	23.7	3.32	2.10	27.7	3.65	2.22	30.5	3.86	2.32	31.7	3.95	2.35	35.6	4.21	2.48
	70	15.3	2.45	1.82	17.9	2.71	1.93	19.0	2.81	1.98	22.7	3.12	2.14	26.5	3.38	2.30	29.1	3.54	2.41	30.2	3.61	2.46	33.9	3.81	2.61
	80	14.7	2.36	1.83	17.1	2.57	1.95	18.2	2.65	2.01	21.7	2.90	2.19	25.1	3.11	2.37	27.6	3.24	2.50	28.6	3.29	2.55	32.1	3.45	2.73

VT4BD-036K / B6EMMX36K-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
980	60	18.6	2.52	2.17	21.7	2.71	2.34	23.0	2.79	2.42	27.4	3.01	2.66	31.7	3.20	2.91	34.8	3.31	3.09	36.1	3.35	3.16	40.5	3.49	3.41
	70	17.9	2.36	2.22	20.8	2.53	2.42	22.1	2.59	2.50	26.3	2.77	2.78	30.4	2.92	3.06	33.4	3.01	3.25	34.6	3.04	3.34	38.8	3.15	3.61
	80	17.3	2.22	2.29	20.1	2.35	2.51	21.3	2.40	2.60	25.2	2.55	2.91	29.2	2.66	3.21	31.9	2.73	3.43	33.1	2.76	3.52	37.1	2.84	3.83
1130	60	18.7	2.47	2.22	21.9	2.69	2.39	23.2	2.77	2.46	27.7	3.01	2.70	32.2	3.21	2.94	35.3	3.33	3.11	36.6	3.38	3.18	41.1	3.53	3.42
	70	18.1	2.33	2.28	21.1	2.51	2.47	22.3	2.57	2.55	26.6	2.77	2.81	30.9	2.94	3.08	33.8	3.03	3.27	35.1	3.07	3.35	39.4	3.19	3.62
	80	17.5	2.18	2.35	20.3	2.33	2.56	21.5	2.39	2.65	25.6	2.55	2.94	29.6	2.68	3.24	32.4	2.76	3.45	33.7	2.79	3.53	37.7	2.89	3.83
1280	60	18.8	2.44	2.27	22.0	2.66	2.43	23.4	2.74	2.50	27.9	3.00	2.74	32.5	3.21	2.97	35.7	3.34	3.13	37.1	3.39	3.20	41.6	3.55	3.44
	70	18.3	2.31	2.33	21.3	2.49	2.51	22.6	2.56	2.59	26.9	2.77	2.85	31.3	2.95	3.11	34.3	3.05	3.29	35.6	3.09	3.37	39.9	3.22	3.63
	80	17.7	2.16	2.40	20.6	2.32	2.60	21.8	2.37	2.69	25.9	2.55	2.98	29.9	2.69	3.26	32.8	2.78	3.47	34.0	2.81	3.55	38.1	2.91	3.84

13 SEER HEATING EXPANDED RATINGS (CONTINUED)

VT4BD-042K / B6EMMX42K-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
1350	60	21.1	2.27	2.72	24.8	2.56	2.85	26.4	2.67	2.90	31.8	3.03	3.07	37.1	3.35	3.25	40.9	3.56	3.37	42.5	3.64	3.42	47.8	3.90	3.60
	70	20.3	2.08	2.86	23.9	2.35	2.99	25.5	2.45	3.05	30.6	2.77	3.24	35.8	3.06	3.43	39.4	3.24	3.56	41.0	3.32	3.62	46.1	3.55	3.81
	80	19.8	1.92	3.02	23.2	2.16	3.16	24.7	2.25	3.22	29.6	2.54	3.43	34.6	2.79	3.63	38.0	2.96	3.77	39.5	3.02	3.83	44.4	3.23	4.04
1500	60	21.2	2.25	2.77	25.0	2.55	2.88	26.7	2.67	2.93	32.1	3.04	3.10	37.5	3.37	3.27	41.4	3.58	3.38	43.0	3.67	3.44	48.4	3.94	3.60
	70	20.5	2.08	2.90	24.2	2.34	3.03	25.8	2.45	3.08	31.0	2.78	3.27	36.2	3.08	3.45	39.9	3.27	3.57	41.5	3.35	3.63	46.7	3.59	3.81
	80	19.9	1.91	3.06	23.4	2.15	3.20	25.0	2.25	3.26	30.0	2.55	3.45	35.0	2.82	3.64	38.5	2.99	3.78	40.0	3.06	3.84	45.1	3.28	4.03
1650	60	21.3	2.23	2.80	25.2	2.53	2.92	26.8	2.65	2.97	32.4	3.03	3.13	37.9	3.37	3.30	41.8	3.59	3.41	43.4	3.68	3.46	49.0	3.96	3.62
	70	20.8	2.07	2.94	24.5	2.34	3.07	26.0	2.45	3.12	31.3	2.79	3.29	36.6	3.10	3.47	40.3	3.29	3.59	41.9	3.37	3.64	47.2	3.62	3.82
	80	20.1	1.90	3.10	23.7	2.15	3.23	25.2	2.25	3.29	30.3	2.55	3.48	35.3	2.83	3.66	38.9	3.01	3.79	40.4	3.08	3.85	45.5	3.31	4.04

VT4BD-048K / B6EMMX48K-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
1330	60	26.5	2.77	2.81	31.1	3.02	3.02	33.0	3.12	3.11	39.6	3.40	3.41	46.1	3.64	3.71	50.7	3.79	3.92	52.6	3.84	4.01	59.1	4.02	4.31
	70	25.7	2.54	2.96	30.1	2.77	3.19	32.0	2.86	3.29	38.4	3.12	3.61	44.8	3.33	3.94	49.2	3.46	4.17	51.1	3.52	4.26	57.5	3.67	4.59
	80	25.2	2.35	3.13	29.5	2.55	3.38	31.3	2.63	3.49	37.4	2.86	3.84	43.6	3.05	4.19	47.9	3.16	4.44	49.7	3.21	4.55	55.8	3.34	4.90
1530	60	26.8	2.75	2.86	31.4	3.01	3.06	33.4	3.11	3.15	40.1	3.42	3.43	46.7	3.68	3.72	51.3	3.84	3.92	53.3	3.90	4.01	60.0	4.09	4.30
	70	26.0	2.53	3.02	30.5	2.77	3.23	32.4	2.86	3.32	38.9	3.14	3.63	45.3	3.37	3.94	49.8	3.51	4.16	51.8	3.57	4.25	58.2	3.74	4.56
	80	25.4	2.33	3.19	29.8	2.55	3.43	31.6	2.63	3.53	37.9	2.88	3.86	44.1	3.09	4.19	48.5	3.21	4.43	50.4	3.26	4.53	56.6	3.42	4.86
1730	60	26.9	2.71	2.91	31.6	2.98	3.11	33.6	3.09	3.19	40.4	3.41	3.47	47.2	3.69	3.75	51.9	3.86	3.95	54.0	3.93	4.03	60.7	4.13	4.31
	70	26.3	2.51	3.07	30.9	2.76	3.28	32.8	2.86	3.37	39.4	3.15	3.67	45.9	3.40	3.96	50.4	3.55	4.17	52.4	3.61	4.26	58.9	3.79	4.56
	80	25.7	2.32	3.25	30.1	2.54	3.47	32.0	2.63	3.57	38.3	2.89	3.89	44.6	3.11	4.20	49.1	3.25	4.43	51.0	3.30	4.52	57.3	3.47	4.84

VT4BD-060K / B6EMMX60K-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
1510	60	31.5	2.66	3.48	37.4	2.99	3.68	40.0	3.12	3.76	48.4	3.51	4.04	56.8	3.86	4.32	62.7	4.07	4.52	65.3	4.16	4.60	73.7	4.43	4.88
	70	30.6	2.40	3.74	36.4	2.71	3.94	38.9	2.83	4.03	47.2	3.20	4.32	55.5	3.53	4.61	61.3	3.73	4.82	63.8	3.81	4.90	72.1	4.07	5.20
	80	30.1	2.20	4.01	35.7	2.48	4.23	38.2	2.59	4.32	46.3	2.93	4.63	54.3	3.22	4.95	60.0	3.41	5.16	62.4	3.48	5.26	70.5	3.71	5.57
1710	60	31.8	2.65	3.52	37.8	2.99	3.70	40.4	3.13	3.78	48.9	3.54	4.05	57.5	3.91	4.31	63.4	4.13	4.50	66.0	4.23	4.58	74.6	4.51	4.85
	70	30.9	2.41	3.77	36.8	2.72	3.96	39.3	2.85	4.04	47.7	3.24	4.32	56.1	3.58	4.60	61.9	3.79	4.79	64.5	3.88	4.87	72.8	4.15	5.15
	80	30.3	2.19	4.05	36.0	2.48	4.25	38.5	2.60	4.34	46.7	2.96	4.63	54.9	3.27	4.92	60.7	3.47	5.12	63.1	3.55	5.21	71.3	3.80	5.50
1910	60	31.8	2.63	3.55	37.9	2.98	3.73	40.5	3.12	3.81	49.2	3.55	4.07	58.0	3.92	4.33	64.1	4.16	4.51	66.7	4.26	4.59	75.4	4.56	4.85
	70	31.3	2.41	3.81	37.2	2.73	4.00	39.7	2.86	4.08	48.2	3.26	4.34	56.6	3.61	4.60	62.5	3.83	4.78	65.1	3.92	4.86	73.5	4.20	5.13
	80	30.6	2.19	4.09	36.4	2.49	4.28	38.9	2.61	4.36	47.2	2.98	4.64	55.4	3.31	4.91	61.2	3.52	5.10	63.7	3.60	5.18	72.0	3.87	5.45



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 ten 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

COMPLETE COMFORT. GENUINE VALUE. 8000 Phoenix Parkway | O'Fallon, MO 63368-3827

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