

TECHNICAL SPECIFICATIONS

ET4BD Series

ET4BD Series R-410A High Efficiency Heat Pump

13 SEER Residential System
1 1/2 – 5 Ton Capacity



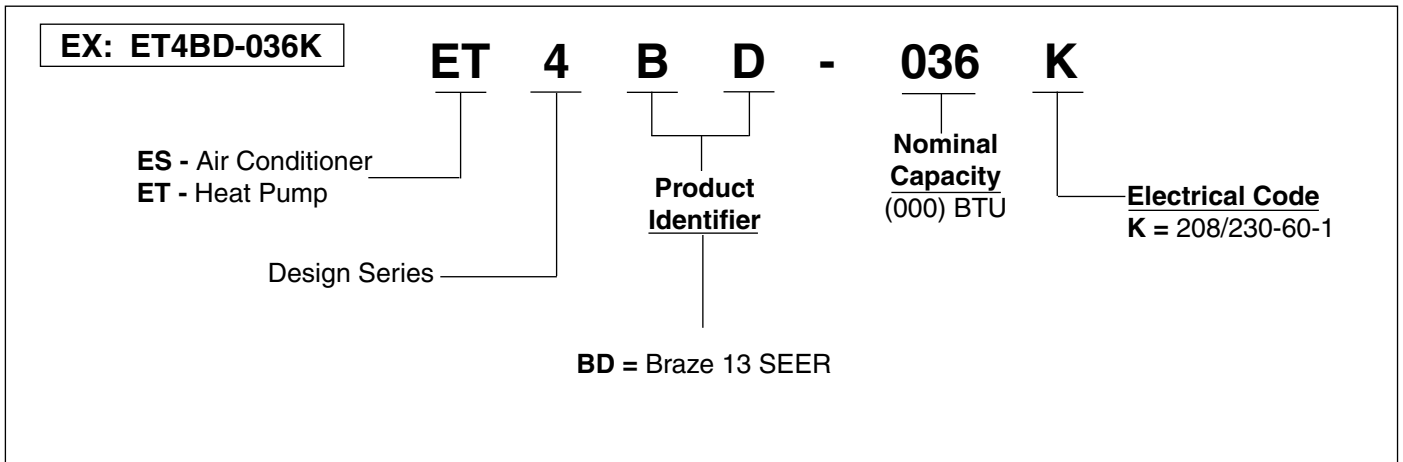
WARRANTY

- This product offers a 10-year all-parts warranty.
- This product offers a 1 year Quality Pledge to replace the entire unit, if the unit's major component (heat exchanger or compressor) fails within 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 to qualify.
- Consumer product registration required for both 10 year All Parts Warranty and 1 year Quality Pledge within a limited period of time after the installation. See current warranty document or visit our consumer web site listed on the back of this document 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.
- **Louvered Condenser Guard:** 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.
- **Low Pressure Switch:** Loss of charge protection ensures long compressor life. Auto reset prevents nuisance service visits.
- **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.
- **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.

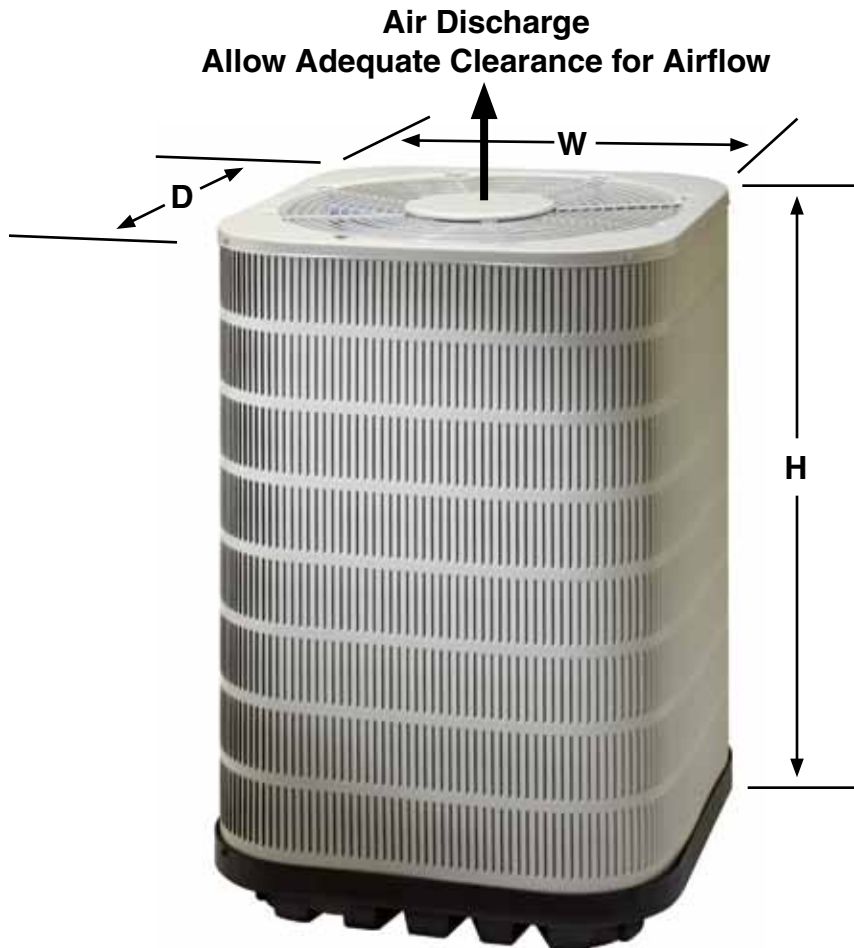
MODEL IDENTIFICATION CODES



DIMENSIONS

AIR CONDITIONER OUTDOOR SECTION

ET4BD	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 ET4BD-		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	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 (5)		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.

5) Tested in compliance with AHRI 270-2008 but not listed with AHRI.

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

Extreme Wind Condition Mounting Kit - 920900

Time Delay Relay Kit (TDR) - 918476

SYSTEM COOLING CAPACITIES

13 SEER — High Efficiency — Single Phase

Outdoor Unit Model Number ET4BD-	Indoor Unit Model Number C6B(A,H)-	Cooling Capacity Btuh	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
024K	X24(C,U)-A + MB6BM	23,800	13	12.5	23,800	8.0	750
024K	X24(C,U)-B + MB6BM	23,800	13	12.5	23,800	8.0	750
030K	X30(C,U)-A + MB6BM	28,400	13	12.0	29,400	7.8	800
030K	X30(C,U)-B + MB6BM	28,400	13	12.0	29,400	7.8	800
036K	X35(C,U)-B + MB6BM	35,600	13	12.0	36,000	8.0	1100
036K	X36(C,U)-B + MB6BM	35,600	13	12.0	36,000	8.0	1100
036K	X36(C,U)-C + MB6BM	35,600	13	12.0	36,000	8.0	1100
042K	X42(C,U)-B + MB6BM	42,000	13	13.0	42,000	8.0	1325
042K	X42(C,U)-C + MB6BM	42,000	13	13.0	42,000	8.0	1325
048K	X48(C,U)-C + MB6BM	48,000	13	11.7	47,000	8.0	1675
060K	X60(C,U)-C + MB6EM	57,000	13	12.0	55,000	8.0	1850

SYSTEM COOLING CAPACITIES

13 SEER — High Efficiency — Single Phase

Outdoor Unit ET4BD	Indoor TXV Coil + TDR	Cooling Capacity BTUH	SEER	EER	Heating Capacity BTUH @ 47F	HSPF	SCFM
018K	C6B(A,H)-X24(C,U)-(A,B)	18,000	13	12.5	18,200	8.0	585
024K	C6B(A,H)-X24(C,U)-(A,B)	24,000	13	11.6	23,600	8.0	750
030K	C6B(A,H)-X30(C,U)-(A,B,C)	28,000	13	11.6	29,000	8.0	1000
036K	C6B(A,H)-X35(C,U)-B	35,600	13	12	36,000	8.0	1100
036K	C6B(A,H)-X36(C,U)-(B,C)	35,600	13	12	36,000	8.0	1100
042K	C6B(A,H)-X42(C,U)-(B,C)	42,000	13	12.95	42,000	8.0	1325
048K	C6B(A,H)-X47(C,U)-(B,C)	47,500	13	11.75	46,500	8.0	1675
048K	C6B(A,H)-X48(C,U)-(C,D)	47,500	13	11.75	46,500	8.0	1675

Outdoor Unit Model Number ET4BD-	Indoor Unit + TDR	BTUH	SEER	EER	Heat Capacity BTUH @ 47 F	Heating Capacity BTUH @ 17 F	HSPF	SCFM
018K	GB5BMM024K-A	17,400	13.00	11.00	20,000	10,800	8.00	650
018K	GB5BMM024K-B	17,500	13.00	11.00	17,700	10,500	7.70	650
024K	GB5BMM024K-A	23,400	13.00	11.00	25,200	15,200	8.00	855
024K	GB5BMM024K-B	23,000	13.00	11.00	26,000	15,000	8.00	820
030K	GB5BMM030K-A	28,400	13.00	11.00	32,800	20,200	8.00	1125
030K	GB5BMM030K-B	28,400	13.00	11.00	32,200	19,200	8.00	1080
036K	GB5BMM036K-B	35,000	13.00	11.00	36,800	22,000	8.00	1170
042K	GB5BMM042K-B	40,000	13.00	11.00	41,600	25,600	7.90	1530
048K	GB5BMM048K-B	46,500	13.00	11.00	49,800	30,200	8.00	1360
048K	GB5BMM048K-C	47,500	13.00	11.00	47,500	30,000	8.00	1620
060K	GB5BMM060K-C	57,000	13.00	11.00	60,500	36,000	8.00	1665

Outdoor Unit Model Number ET4BD-	Indoor Unit Model Number GB5BM-0, B5BM-X	Cooling Capacity Btuh	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
018K	24K-(A,B)	18,000	13.0	11.05	18,000	7.7	625
024K	24K-(A,B)	23,600	13.0	12.6	23,600	8.0	750
030K	30K-(A,B)	29,400	13.0	12.0	30,000	8.0	850
036K	36K-B	35,400	13.0	11.8	36,000	8.0	1200
042K	42K-B	39,600	13.0	11.7	41,000	8.0	1400
048K	48K-C	48,000	13.0	12.0	48,000	8.0	1600
060K	60K-C	59,500	13.5	11.7	58,000	8.0	1750

14 SEER — High Efficiency — Single Phase

Outdoor Unit Model Number ET4BD-	Indoor Unit Model Number B4VM-	Cooling Capacity Btuh	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
018K	X24K-B	18,400	14	12.9	18,000	8.0	600
024K	X24K-B	24,000	14	13.4	23,200	8.5	750
030K	X30K-B	29,600	14	12.9	29,600	8.5	900
036K	X36K-B	35,800	14	12.6	37,800	8.5	1180
042K	X48K-C	41,500	14	13.5	41,500	8.5	1400
048K	X48K-C	48,500	14	13.0	47,500	8.5	1600
060K	X60K-C	59,500	13.5	12.0	57,500	8.5	1700

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

13 SEER + LOOSE COIL COOLING EXPANDED RATINGS

ET4BD-018K with C6B(A,H)-X24(C,U)-(A,B) - LOOSE COIL

O.D.T			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.
525	80	62	18.8	16.6	1.33	17.9	16.3	1.47	17.0	16.0	1.62	15.9	15.5	1.78	14.9	14.9	1.96
	80	67	20.5	14.1	1.33	19.5	13.7	1.47	18.5	13.2	1.62	17.4	12.7	1.78	16.1	12.2	1.96
	80	72	22.6	11.3	1.33	21.5	10.9	1.47	20.4	10.5	1.62	19.1	10.0	1.79	17.7	9.6	1.97
	75	63	19.0	13.6	1.34	18.2	13.2	1.47	17.2	12.7	1.62	16.1	12.3	1.78	14.9	11.7	1.96
600	80	62	19.3	17.9	1.36	18.4	17.6	1.50	17.4	17.3	1.64	16.4	16.4	1.80	15.4	15.4	1.99
	80	67	20.9	15.0	1.36	19.9	14.6	1.50	18.9	14.1	1.65	17.7	13.6	1.81	16.3	13.1	1.99
	80	72	23.0	11.9	1.36	21.9	11.5	1.50	20.7	11.1	1.65	19.3	10.6	1.82	17.9	10.1	2.00
	75	63	19.5	14.5	1.36	18.5	14.0	1.50	17.5	13.6	1.64	16.4	13.1	1.81	15.2	12.5	1.99
675	80	62	19.6	19.1	1.39	18.8	18.7	1.52	17.9	17.9	1.67	17.0	17.0	1.84	15.9	15.9	2.01
	80	67	21.3	15.9	1.39	20.2	15.4	1.52	19.1	15.0	1.67	17.9	14.5	1.84	16.5	13.9	2.02
	80	72	23.3	12.5	1.38	22.1	12.1	1.53	20.9	11.7	1.68	19.4	11.2	1.85	18.0	10.7	2.03
	75	63	19.8	15.3	1.39	18.8	14.9	1.53	17.8	14.4	1.68	16.6	13.9	1.84	15.4	13.3	2.02

ET4BD-024K with C6B(A,H)-X24(C,U)-(A,B) (LOOSE COIL)

O.D.T			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.
700	80	62	23.9	21.4	1.60	22.8	21.0	1.77	21.6	20.5	1.96	20.4	19.8	2.17	19.0	19.0	2.41
	80	67	25.9	18.0	1.60	24.7	17.5	1.78	23.4	16.9	1.97	22.0	16.3	2.18	20.4	15.6	2.41
	80	72	28.3	14.4	1.60	27.0	14.0	1.78	25.5	13.5	1.97	23.9	12.9	2.19	22.0	12.2	2.42
	75	63	24.1	17.4	1.60	23.0	16.9	1.78	21.8	16.3	1.97	20.5	15.7	2.18	19.0	15.0	2.41
800	80	62	24.4	22.9	1.63	23.3	22.4	1.81	22.2	22.0	2.00	21.0	21.0	2.21	19.6	19.6	2.44
	80	67	26.3	19.1	1.63	25.1	18.6	1.81	23.8	18.0	2.00	22.3	17.4	2.22	20.6	16.7	2.45
	80	72	28.7	15.2	1.64	27.2	14.7	1.82	25.7	14.2	2.01	24.0	13.5	2.23	22.3	12.9	2.46
	75	63	24.6	18.5	1.64	23.4	17.9	1.81	22.2	17.4	2.00	20.8	16.7	2.21	19.3	16.0	2.45
900	80	62	25.0	24.4	1.67	23.9	23.7	1.85	22.8	22.7	2.04	21.5	21.5	2.25	20.1	20.1	2.48
	80	67	26.8	20.2	1.67	25.5	19.7	1.85	24.1	19.1	2.04	22.5	18.4	2.25	20.8	17.7	2.49
	80	72	28.9	15.9	1.67	27.5	15.4	1.86	26.0	14.8	2.05	24.3	14.2	2.26	22.5	13.5	2.50
	75	63	24.9	19.5	1.67	23.8	19.0	1.85	22.5	18.4	2.04	21.0	17.7	2.25	19.4	17.0	2.48

ET4BD-030K with C6B(A,H)-X30(C,U)-(A,B,C) (LOOSE COIL)

O.D.T			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.
800	80	62	28.7	24.9	1.95	27.5	24.5	2.15	26.2	24.0	2.36	24.7	23.2	2.61	23.0	22.4	2.89
	80	67	31.1	21.1	1.96	29.8	20.5	2.16	28.3	19.8	2.37	26.6	19.1	2.62	24.7	18.3	2.89
	80	72	33.9	17.1	1.97	32.4	16.5	2.17	30.7	15.9	2.38	28.8	15.3	2.63	26.8	14.5	2.90
	75	63	29.0	20.4	1.96	27.8	19.9	2.15	26.4	19.2	2.37	24.8	18.5	2.61	23.1	17.7	2.89
1000	80	62	29.9	27.9	2.03	28.6	27.3	2.22	27.2	26.8	2.44	25.7	25.6	2.68	24.1	24.0	2.96
	80	67	32.1	23.3	2.04	30.7	22.7	2.23	29.1	22.0	2.45	27.3	21.2	2.69	25.3	20.4	2.97
	80	72	34.6	18.5	2.04	33.1	17.9	2.24	31.4	17.3	2.46	29.5	16.6	2.70	27.2	15.8	2.98
	75	63	29.9	22.5	2.03	28.6	21.9	2.23	27.2	21.2	2.44	25.5	20.4	2.69	23.6	19.6	2.97
1200	80	62	30.8	30.3	2.11	29.6	29.4	2.30	28.2	28.2	2.52	26.7	26.7	2.76	24.9	24.9	3.04
	80	67	32.7	25.4	2.11	31.3	24.8	2.31	29.6	24.0	2.53	27.7	23.2	2.77	25.7	22.3	3.04
	80	72	35.1	19.8	2.12	33.6	19.2	2.32	31.8	18.6	2.54	29.8	17.8	2.78	27.6	17.0	3.06
	75	63	30.5	24.4	2.11	29.2	23.8	2.31	27.6	23.1	2.52	25.9	22.2	2.76	24.0	21.3	3.04

ET4BD-036K with C6B(A,H)-X36(C,U)-(B,C) (LOOSE COIL)

O.D.T			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.
1050	80	62	36.0	31.9	2.42	34.5	31.3	2.66	32.7	30.6	2.93	30.8	29.5	3.23	28.6	28.4	3.58
	80	67	39.1	26.9	2.44	37.3	26.1	2.68	35.3	25.3	2.95	33.1	24.3	3.25	30.6	23.3	3.60
	80	72	42.5	21.7	2.46	40.5	21.0	2.70	38.2	20.2	2.97	35.8	19.3	3.27	33.1	18.3	3.61
	75	63	36.4	26.0	2.43	34.8	25.3	2.67	32.9	24.4	2.94	30.9	23.5	3.24	28.6	22.4	3.59
1200	80	62	36.9	34.1	2.48	35.3	33.4	2.72	33.5	32.8	2.99	31.5	31.4	3.29	29.5	29.4	3.64
	80	67	39.7	28.5	2.50	37.9	27.8	2.74	35.9	26.9	3.01	33.6	25.9	3.31	31.0	24.8	3.65
	80	72	43.0	22.8	2.52	41.0	22.1	2.76	38.8	21.2	3.03	36.2	20.3	3.33	33.5	19.3	3.67
	75	63	37.1	27.6	2.49	35.4	26.8	2.73	33.5	25.9	3.00	31.4	25.0	3.30	29.0	23.9	3.64
1350	80	62	37.7	36.2	2.54	36.1	35.3	2.78	34.2	34.2	3.05	32.3	32.3	3.35	30.2	30.2	3.71
	80	67	40.3	30.2	2.56	38.4	29.4	2.80	36.3	28.5	3.07	34.0	27.5	3.37	31.4	26.3	3.71
	80	72	43.5	23.8	2.58	41.5	23.1	2.82	39.1	22.2	3.09	36.6	21.3	3.39	33.7	20.2	3.73
	75	63	37.6	29.1	2.55	35.9	28.3	2.79	33.9	27.4	3.05	31.7	26.4	3.36	29.2	25.2	3.70

13 SEER + LOOSE COIL COOLING EXPANDED RATINGS (CONTINUED)

ET4BD-042K with C6B(A,H)-X42(C,U)-(B,C) (LOOSE COIL)

O.D.T			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.
1225	80	62	43.4	38.0	2.71	41.5	37.2	2.97	39.2	36.4	3.26	36.7	35.1	3.59	34.1	33.8	3.97
	80	67	46.9	32.0	2.71	44.8	31.1	2.98	42.3	30.0	3.27	39.5	28.8	3.59	36.5	27.6	3.97
	80	72	51.1	25.9	2.72	48.7	25.0	2.98	45.9	24.0	3.27	42.7	22.9	3.60	39.3	21.6	3.97
	75	63	43.8	31.1	2.71	41.8	30.2	2.98	39.5	29.1	3.27	36.9	27.9	3.60	34.2	26.6	3.97
1400	80	62	44.5	40.7	2.77	42.3	39.8	3.04	40.1	39.1	3.33	37.6	37.5	3.66	35.0	35.0	4.03
	80	67	47.8	34.0	2.78	45.5	33.0	3.04	43.0	32.0	3.33	40.2	30.8	3.66	37.0	29.4	4.03
	80	72	51.7	27.2	2.79	49.1	26.3	3.05	46.3	25.2	3.34	43.2	24.0	3.66	39.8	22.8	4.04
	75	63	44.7	32.9	2.78	42.5	32.0	3.04	40.2	30.9	3.33	37.5	29.7	3.66	34.6	28.3	4.03
1575	80	62	45.3	43.2	2.84	43.3	42.3	3.10	40.9	40.9	3.39	38.5	38.5	3.72	35.9	35.9	4.09
	80	67	48.5	35.9	2.85	46.2	34.9	3.11	43.6	33.8	3.40	40.5	32.5	3.72	37.3	31.1	4.09
	80	72	52.2	28.4	2.85	49.7	27.4	3.11	46.8	26.4	3.41	43.6	25.2	3.73	40.1	23.9	4.10
	75	63	45.3	34.7	2.85	43.2	33.7	3.11	40.7	32.6	3.40	38.0	31.3	3.73	34.9	29.9	4.10

ET4BD-048K with C6B(AH)-X48(C,U)-(C,D) (LOOSE COIL)

O.D.T			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.
1400	80	62	43.1	32.6	3.11	41.5	31.9	3.44	39.8	31.3	3.83	37.8	30.3	4.27	35.6	29.4	4.80
	80	67	47.4	28.5	3.13	45.6	27.7	3.46	43.7	26.8	3.84	41.5	25.8	4.28	39.0	24.7	4.80
	80	72	52.1	24.2	3.15	50.2	23.4	3.48	48.0	22.5	3.86	45.7	21.6	4.30	43.0	20.5	4.82
	75	63	44.1	27.9	3.12	42.4	27.1	3.45	40.6	26.2	3.83	38.5	25.2	4.28	36.2	24.1	4.80
1600	80	62	45.7	36.3	3.20	44.0	35.6	3.53	42.0	35.2	3.91	39.8	34.1	4.35	37.4	32.9	4.87
	80	67	49.7	31.4	3.22	47.7	30.5	3.54	45.6	29.5	3.92	43.2	28.5	4.37	40.6	27.3	4.88
	80	72	54.8	26.1	3.24	52.7	25.2	3.57	50.3	24.3	3.95	47.7	23.3	4.39	44.7	22.2	4.90
	75	63	46.3	30.6	3.20	44.6	29.7	3.53	42.6	28.8	3.91	40.3	27.7	4.36	37.9	26.5	4.88
1800	80	62	47.6	40.0	3.28	45.7	39.4	3.61	43.6	38.6	3.99	41.3	37.4	4.43	38.7	36.1	4.95
	80	67	51.5	34.0	3.30	49.4	33.0	3.63	47.1	32.0	4.01	44.6	30.8	4.45	41.8	29.6	4.96
	80	72	56.6	27.8	3.32	54.3	26.9	3.65	51.7	25.9	4.03	48.8	24.9	4.47	45.5	23.8	4.97
	75	63	48.1	33.0	3.29	46.2	32.1	3.62	44.0	31.1	4.00	41.6	29.8	4.44	39.0	28.6	4.95

13 SEER + AHU COOLING EXPANDED RATINGS

ET4BD-018K with C6B(A,H)-X24(C,U)-(A,B) + MB6B(*)-(A,B)

ET4BD-018K with B5BM-X24K-(A,B), or GB5BM-024K-(A,B)

O.D.T			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.
525	80	62	19.1	16.9	1.21	18.2	16.6	1.34	17.2	16.2	1.49	16.2	15.7	1.65	15.2	15.2	1.82
	80	67	20.8	14.3	1.20	19.8	13.9	1.34	18.8	13.4	1.49	17.7	12.9	1.66	16.4	12.4	1.84
	80	72	22.9	11.4	1.21	21.8	11.1	1.35	20.6	10.6	1.50	19.4	10.2	1.66	18.0	9.7	1.84
	75	63	19.3	13.8	1.21	18.4	13.4	1.34	17.5	13.0	1.49	16.4	12.5	1.65	15.2	12.0	1.84
600	80	62	19.5	18.1	1.26	18.6	17.8	1.39	17.6	17.5	1.54	16.7	16.7	1.68	15.7	15.7	1.86
	80	67	21.2	15.1	1.25	20.2	14.7	1.39	19.1	14.3	1.54	17.9	13.8	1.71	16.6	13.2	1.89
	80	72	23.2	12.0	1.25	22.1	11.6	1.39	20.9	11.2	1.55	19.5	10.7	1.71	18.1	10.3	1.90
	75	63	19.7	14.6	1.26	18.7	14.2	1.39	17.7	13.8	1.54	16.6	13.3	1.70	15.4	12.7	1.89
675	80	62	19.7	19.2	1.32	19.0	18.9	1.42	18.1	18.1	1.57	17.2	17.2	1.73	16.1	16.1	1.91
	80	67	21.4	16.0	1.32	20.3	15.5	1.45	19.2	15.1	1.61	18.0	14.5	1.77	16.6	14.0	1.95
	80	72	23.4	12.6	1.31	22.3	12.1	1.45	21.0	11.7	1.61	19.5	11.2	1.78	18.1	10.7	1.96
	75	63	19.9	15.4	1.32	18.9	15.0	1.46	17.9	14.5	1.61	16.7	14.0	1.77	15.5	13.4	1.95

ET4BD-024K with C6B(A,H)-X24(C,U)-(A,B) + MB6B(*)-(A,B)

ET4BD-024K with B5BM-X24K-(A,B), or GB5BM-024K-(A,B)

O.D.T			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.
700	80	62	24.2	21.6	1.52	23.1	21.2	1.70	21.9	20.8	1.89	20.6	20.1	2.10	19.4	19.4	2.30
	80	67	26.1	18.2	1.52	25.0	17.6	1.70	23.7	17.1	1.89	22.2	16.5	2.10	20.6	15.8	2.33
	80	72	28.6	14.6	1.52	27.3	14.1	1.70	25.8	13.6	1.90	24.1	13.0	2.11	22.3	12.4	2.34
	75	63	24.4	17.6	1.52	23.3	17.1	1.70	22.1	16.5	1.89	20.8	15.9	2.10	19.3	15.3	2.33
800	80	62	24.5	23.0	1.61	23.4	22.5	1.78	22.3	22.1	1.97	21.2	21.2	2.14	19.9	19.9	2.37
	80	67	26.4	19.2	1.60	25.2	18.7	1.78	23.9	18.1	1.97	22.4	17.5	2.19	20.7	16.8	2.42
	80	72	28.8	15.3	1.61	27.3	14.8	1.79	25.8	14.2	1.98	24.2	13.6	2.19	22.4	12.9	2.43
	75	63	24.7	18.5	1.61	23.5	18.0	1.78	22.3	17.4	1.97	20.9	16.8	2.18	19.4	16.1	2.42
900	80	62	24.8	24.2	1.71	23.9	23.7	1.83	22.8	22.8	2.02	21.6	21.6	2.23	20.2	20.2	2.46
	80	67	26.6	20.1	1.71	25.3	19.6	1.89	23.9	19.0	2.08	22.4	18.3	2.29	20.7	17.6	2.52
	80	72	28.7	15.8	1.71	27.4	15.3	1.89	25.9	14.7	2.09	24.2	14.1	2.30	22.3	13.4	2.53
	75	63	24.8	19.4	1.71	23.6	18.9	1.89	22.3	18.3	2.08	20.9	17.6	2.29	19.3	16.8	2.52

13 SEER + AHU COOLING EXPANDED RATINGS (CONTINUED)

ET4BD-030K with C6B(A,H)-X30(C,U)-(A,B,C) + MB6B(*)-(A,B,C)

ET4BD-030K with B5BM-X30K-(A,B), or GB5BM-030K-(A,B)

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.
875	80	62	29.0	25.9	2.03	27.8	25.4	2.23	26.4	24.9	2.44	24.9	24.0	2.69	23.2	23.1	2.96
	80	67	31.4	21.8	2.04	30.0	21.2	2.24	28.5	20.6	2.45	26.8	19.8	2.69	24.8	19.0	2.97
	80	72	34.0	17.6	2.04	32.5	17.0	2.25	30.8	16.4	2.46	28.9	15.7	2.70	26.8	14.9	2.98
	75	63	29.2	21.1	2.04	28.0	20.5	2.23	26.6	19.9	2.45	25.0	19.1	2.69	23.1	18.3	2.97
1000	80	62	29.3	27.3	2.21	28.0	26.7	2.40	26.6	26.3	2.62	25.3	25.3	2.78	23.7	23.7	3.05
	80	67	31.5	22.8	2.21	30.1	22.2	2.41	28.5	21.6	2.62	26.7	20.8	2.87	24.7	19.9	3.14
	80	72	34.0	18.2	2.22	32.5	17.6	2.42	30.8	17.0	2.63	28.8	16.2	2.88	26.6	15.4	3.15
	75	63	29.3	22.0	2.21	28.0	21.4	2.41	26.6	20.7	2.62	24.9	20.0	2.86	23.0	19.1	3.14
1125	80	62	29.3	28.4	2.43	28.0	27.8	2.62	27.0	27.0	2.72	25.6	25.5	2.97	23.8	23.8	3.24
	80	67	31.4	23.7	2.43	29.9	23.1	2.63	28.3	22.4	2.84	26.5	21.6	3.08	24.4	20.6	3.36
	80	72	33.8	18.7	2.44	32.3	18.1	2.64	30.5	17.4	2.85	28.5	16.7	3.09	26.3	15.8	3.37
	75	63	29.1	22.8	2.43	27.9	22.2	2.63	26.3	21.4	2.84	24.6	20.6	3.08	22.7	19.7	3.36

ET4BD-036K with C6B(A,H)-X36(C,U)-(B,C) + MB6B(*)-(B,C)

ET4BD-036K with B5BM-X36K-B, or GB5BM-036K-B

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.
1050	80	62	36.2	32.0	2.38	34.6	31.4	2.62	32.9	30.7	2.89	30.9	29.7	3.19	28.8	28.5	3.54
	80	67	39.2	27.0	2.40	37.4	26.2	2.64	35.5	25.4	2.90	33.3	24.4	3.21	30.8	23.4	3.55
	80	72	42.6	21.8	2.42	40.7	21.1	2.66	38.3	20.3	2.92	36.0	19.4	3.23	33.3	18.4	3.57
	75	63	36.5	26.1	2.38	34.9	25.4	2.63	33.1	24.5	2.89	31.0	23.6	3.20	28.7	22.6	3.54
1200	80	62	36.7	33.9	2.54	35.1	33.2	2.78	33.3	32.6	3.05	31.5	31.5	3.28	29.5	29.5	3.63
	80	67	39.5	28.4	2.56	37.7	27.6	2.80	35.7	26.8	3.07	33.4	25.8	3.36	30.8	24.7	3.71
	80	72	42.8	22.7	2.58	40.8	22.0	2.82	38.6	21.1	3.09	36.0	20.2	3.38	33.3	19.2	3.73
	75	63	36.9	27.5	2.55	35.2	26.7	2.79	33.3	25.8	3.05	31.2	24.8	3.36	28.8	23.7	3.70
1350	80	62	37.0	35.5	2.75	35.4	34.6	2.99	33.8	33.8	3.15	31.9	31.9	3.46	29.8	29.8	3.81
	80	67	39.6	29.6	2.76	37.8	28.8	3.00	35.6	27.9	3.27	33.3	26.9	3.57	30.7	25.8	3.91
	80	72	42.8	23.5	2.78	40.8	22.7	3.02	38.5	21.8	3.29	35.9	20.9	3.59	33.0	19.8	3.93
	75	63	36.9	28.6	2.75	35.2	27.7	2.99	33.2	26.8	3.26	31.0	25.8	3.56	28.6	24.6	3.90

ET4BD-042K with C6B(A,H)-X42(C,U)-(B,C) + MB6B(*)-(B,C)

ET4BD-042K with B5BM-X42K-B, or GB5BM-042K-B

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.
1225	80	62	43.6	38.2	2.63	41.7	37.5	2.89	39.5	36.7	3.18	37.0	35.3	3.51	34.4	34.0	3.89
	80	67	47.2	32.2	2.63	45.0	31.3	2.90	42.6	30.2	3.19	39.8	29.0	3.51	36.8	27.8	3.89
	80	72	51.4	26.0	2.64	49.0	25.1	2.90	46.2	24.2	3.19	43.0	23.1	3.52	39.6	21.8	3.89
	75	63	44.1	31.3	2.63	42.1	30.4	2.90	39.8	29.3	3.19	37.2	28.1	3.52	34.4	26.8	3.89
1400	80	62	44.4	40.6	2.81	42.2	39.7	3.06	40.0	39.0	3.36	37.5	37.4	3.69	35.1	35.1	4.00
	80	67	47.7	34.0	2.81	45.4	33.0	3.07	42.9	31.9	3.36	40.1	30.7	3.69	36.9	29.3	4.06
	80	72	51.6	27.2	2.81	49.0	26.2	3.07	46.3	25.2	3.36	43.1	24.0	3.69	39.7	22.7	4.06
	75	63	44.6	32.9	2.81	42.4	31.9	3.07	40.1	30.8	3.36	37.5	29.6	3.69	34.5	28.2	4.06
1575	80	62	44.7	42.7	3.02	42.7	41.7	3.28	40.5	40.5	3.50	38.2	38.2	3.83	35.5	35.5	4.20
	80	67	47.9	35.5	3.03	45.6	34.5	3.29	42.9	33.3	3.58	39.9	32.0	3.90	36.7	30.6	4.27
	80	72	51.6	28.1	3.03	49.1	27.1	3.29	46.2	26.0	3.58	43.0	24.8	3.91	39.5	23.5	4.27
	75	63	44.7	34.2	3.03	42.6	33.2	3.29	40.1	32.1	3.58	37.3	30.8	3.91	34.3	29.4	4.28

ET4BD-048K with C6B(A,H)-X48(C,U)-C + MB6B(*)-C

ET4BD-048K with B5BM-X48K-C, or GB5BM-048K-C

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.
1400	80	62	49.7	43.5	3.23	47.6	42.7	3.55	45.3	41.9	3.92	42.7	40.5	4.35	39.8	39.1	4.83
	80	67	53.7	36.7	3.25	51.4	35.7	3.57	48.8	34.5	3.94	45.9	33.3	4.36	42.6	31.9	4.84
	80	72	58.5	29.7	3.27	55.9	28.8	3.59	52.7	27.7	3.95	49.4	26.5	4.38	45.9	25.1	4.85
	75	63	50.1	35.6	3.24	48.0	34.6	3.56	45.6	33.5	3.93	42.9	32.2	4.35	39.9	30.8	4.84
1600	80	62	50.6	46.3	3.41	48.4	45.4	3.73	46.0	44.7	4.10	43.3	42.9	4.52	40.6	40.5	4.96
	80	67	54.3	38.7	3.43	52.0	37.6	3.75	49.2	36.5	4.11	46.2	35.1	4.53	42.8	33.7	5.01
	80	72	58.6	31.0	3.45	56.0	30.0	3.77	53.0	28.8	4.13	49.7	27.6	4.55	46.0	26.2	5.02
	75	63	50.8	37.4	3.41	48.5	36.4	3.73	46.0	35.2	4.10	43.2	33.9	4.53	40.0	32.4	5.01
1800	80	62	51.0	48.7	3.63	48.8	47.7	3.95	46.5	46.5	4.26	44.0	44.0	4.68	41.3	41.2	5.17
	80	67	54.7	40.5	3.65	52.2	39.4	3.97	49.4	38.1	4.33	46.2	36.8	4.75	42.7	35.2	5.23
	80	72	58.8	32.0	3.67	56.2	31.0	3.98	53.1	29.8	4.35	49.7	28.5	4.76	46.0	27.1	5.24
	75	63	51.0	39.1	3.64	48.7	38.0	3.96	46.1	36.7	4.33	43.2	35.3	4.75	39.9	33.8	5.23

13 SEER + VSB COOLING EXPANDED RATINGS

ET4BD-018K with C6B(A,H)-X24(C,U)-(A,B) + VSB ET4BD-018K with B4VM-X24K-(A,B)

O.D.T			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.
525	80	62	18.3	16.5	1.08	17.5	16.2	1.22	16.6	15.9	1.36	15.6	15.4	1.53	14.7	14.7	1.71
	80	67	19.9	13.9	1.08	19.0	13.5	1.22	18.0	13.1	1.37	16.9	12.6	1.53	15.7	12.2	1.72
	80	72	21.8	11.1	1.07	20.8	10.7	1.22	19.7	10.3	1.37	18.5	9.9	1.54	17.2	9.5	1.73
	75	63	18.5	13.5	1.08	17.7	13.1	1.22	16.8	12.7	1.37	15.7	12.2	1.53	14.6	11.7	1.72
600	80	62	18.7	17.8	1.10	17.9	17.4	1.24	17.1	17.1	1.37	16.2	16.2	1.54	15.2	15.2	1.73
	80	67	20.3	14.8	1.09	19.4	14.4	1.24	18.3	14.0	1.39	17.2	13.5	1.55	15.9	13.0	1.74
	80	72	22.2	11.7	1.10	21.2	11.3	1.24	20.0	10.9	1.39	18.7	10.5	1.56	17.3	10.0	1.75
	75	63	18.9	14.3	1.10	18.0	13.9	1.24	17.1	13.5	1.39	16.0	13.0	1.55	14.8	12.5	1.74
675	80	62	19.2	19.0	1.11	18.5	18.4	1.25	17.6	17.6	1.40	16.7	16.7	1.56	15.7	15.7	1.75
	80	67	20.6	15.7	1.12	19.6	15.3	1.26	18.6	14.9	1.42	17.4	14.4	1.58	16.1	13.9	1.77
	80	72	22.5	12.3	1.12	21.3	11.9	1.27	20.1	11.5	1.42	18.8	11.0	1.59	17.5	10.5	1.78
	75	63	19.2	15.1	1.12	18.3	14.7	1.26	17.3	14.3	1.41	16.2	13.8	1.58	15.0	13.3	1.77

ET4BD-024K with C6B(A,H)-X24(C,U)-(A,B) + VSB ET4BD-024K with B4VM-X24K-(A,B)

O.D.T			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.
700	80	62	23.2	21.2	1.36	22.2	20.8	1.54	21.0	20.4	1.73	19.8	19.7	1.94	18.7	18.7	2.16
	80	67	25.0	17.7	1.36	23.9	17.2	1.54	22.7	16.7	1.73	21.3	16.1	1.94	19.8	15.5	2.18
	80	72	27.3	14.1	1.35	26.0	13.7	1.54	24.6	13.2	1.74	23.1	12.7	1.95	21.3	12.1	2.19
	75	63	23.4	17.1	1.36	22.3	16.7	1.54	21.2	16.1	1.73	19.9	15.6	1.94	18.5	14.9	2.18
800	80	62	23.6	22.6	1.40	22.6	22.1	1.58	21.7	21.6	1.76	20.5	20.5	1.97	19.2	19.2	2.20
	80	67	25.4	18.8	1.40	24.2	18.3	1.58	22.9	17.8	1.78	21.5	17.2	1.99	20.0	16.5	2.23
	80	72	27.5	14.9	1.41	26.2	14.4	1.59	24.7	13.9	1.79	23.1	13.3	2.00	21.4	12.7	2.24
	75	63	23.7	18.2	1.40	22.6	17.7	1.58	21.4	17.1	1.77	20.1	16.5	1.99	18.7	15.9	2.23
900	80	62	24.2	23.9	1.44	23.3	23.1	1.61	22.2	22.2	1.80	20.9	20.9	2.01	19.6	19.6	2.25
	80	67	25.7	19.8	1.45	24.5	19.3	1.64	23.1	18.7	1.83	21.7	18.1	2.05	20.0	17.4	2.28
	80	72	27.6	15.5	1.45	26.2	15.0	1.65	24.8	14.5	1.84	23.3	13.9	2.06	21.6	13.2	2.30
	75	63	23.9	19.1	1.46	22.8	18.6	1.64	21.6	18.0	1.83	20.2	17.4	2.05	18.7	16.7	2.28

ET4BD-030K with C6B(A,H)-X30(C,U)-(A,B,C) + VSB ET4BD-030K with B4VM-X30K-(A,B)

O.D.T			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.
800	80	62	29.4	25.8	1.73	28.0	25.3	1.93	26.6	24.8	2.15	25.0	24.0	2.39	23.3	23.2	2.67
	80	67	31.7	21.7	1.74	30.3	21.1	1.94	28.7	20.4	2.15	26.9	19.7	2.40	24.9	18.9	2.68
	80	72	34.4	17.4	1.74	32.8	16.8	1.94	31.1	16.2	2.16	29.1	15.5	2.41	26.9	14.7	2.69
	75	63	29.6	21.1	1.73	28.3	20.5	1.93	26.8	19.8	2.15	25.2	19.1	2.39	23.3	18.3	2.67
1000	80	62	30.4	28.9	1.82	29.1	28.3	2.02	27.8	27.7	2.21	26.2	26.2	2.45	24.5	24.5	2.73
	80	67	32.5	24.0	1.82	31.1	23.4	2.02	29.4	22.8	2.24	27.5	22.0	2.49	25.4	21.2	2.77
	80	72	35.2	18.9	1.84	33.5	18.3	2.04	31.7	17.7	2.26	29.6	16.9	2.50	27.2	16.1	2.78
	75	63	30.5	23.3	1.82	29.1	22.7	2.02	27.5	22.0	2.24	25.8	21.2	2.48	23.8	20.4	2.76
1200	80	62	31.5	31.0	1.90	30.2	30.0	2.10	28.8	28.7	2.32	27.1	27.1	2.57	25.2	25.2	2.84
	80	67	33.0	26.2	1.95	31.4	25.5	2.15	29.7	24.8	2.37	27.7	24.0	2.61	25.5	23.1	2.89
	80	72	35.5	20.2	1.96	33.8	19.6	2.16	31.9	18.9	2.38	29.7	18.1	2.62	27.3	17.3	2.90
	75	63	30.9	25.3	1.95	29.4	24.6	2.14	27.8	23.9	2.36	26.0	23.0	2.61	23.9	22.1	2.89

ET4BD-036K with C6B(A,H)-X36(C,U)-(B,C) + VSB ET4BD-036K with B4VM-X36K-B

O.D.T			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.
1050	80	62	34.9	31.5	2.28	33.5	31.0	2.51	31.9	30.4	2.78	30.0	29.3	3.07	28.1	28.1	3.39
	80	67	37.9	26.5	2.30	36.2	25.8	2.53	34.3	25.0	2.79	32.3	24.1	3.09	29.9	23.2	3.43
	80	72	41.0	21.2	2.32	39.2	20.6	2.55	37.0	19.8	2.81	34.9	19.0	3.11	32.3	18.1	3.45
	75	63	35.3	25.6	2.28	33.7	24.9	2.52	32.0	24.2	2.78	30.1	23.3	3.08	27.9	22.3	3.41
1200	80	62	35.5	33.5	2.39	34.1	32.8	2.63	32.4	32.2	2.89	30.9	30.9	3.08	28.9	28.9	3.47
	80	67	38.2	28.0	2.41	36.5	27.3	2.64	34.6	26.5	2.90	32.4	25.6	3.20	30.0	24.6	3.53
	80	72	41.2	22.2	2.44	39.5	21.5	2.66	37.4	20.8	2.93	35.0	19.9	3.22	32.4	18.9	3.55
	75	63	35.7	27.1	2.40	34.1	26.4	2.63	32.3	25.5	2.89	30.3	24.6	3.19	28.0	23.6	3.52
1350	80	62	36.1	35.1	2.53	34.5	34.3	2.77	33.2	33.2	2.95	31.4	31.3	3.25	29.3	29.3	3.59
	80	67	38.4	29.4	2.55	36.7	28.6	2.78	34.7	27.8	3.04	32.5	26.9	3.34	30.0	25.8	3.68
	80	72	41.5	23.1	2.57	39.6	22.4	2.81	37.4	21.6	3.06	35.0	20.7	3.36	32.3	19.7	3.69
	75	63	35.8	28.3	2.54	34.2	27.6	2.77	32.4	26.8	3.03	30.3	25.8	3.33	28.0	24.7	3.67



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.

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