

## TECHNICAL SPECIFICATIONS

### JT7BE Series

#### High Efficiency Heat Pump 14 SEER Residential System 1.5 – 4 Ton Capacity

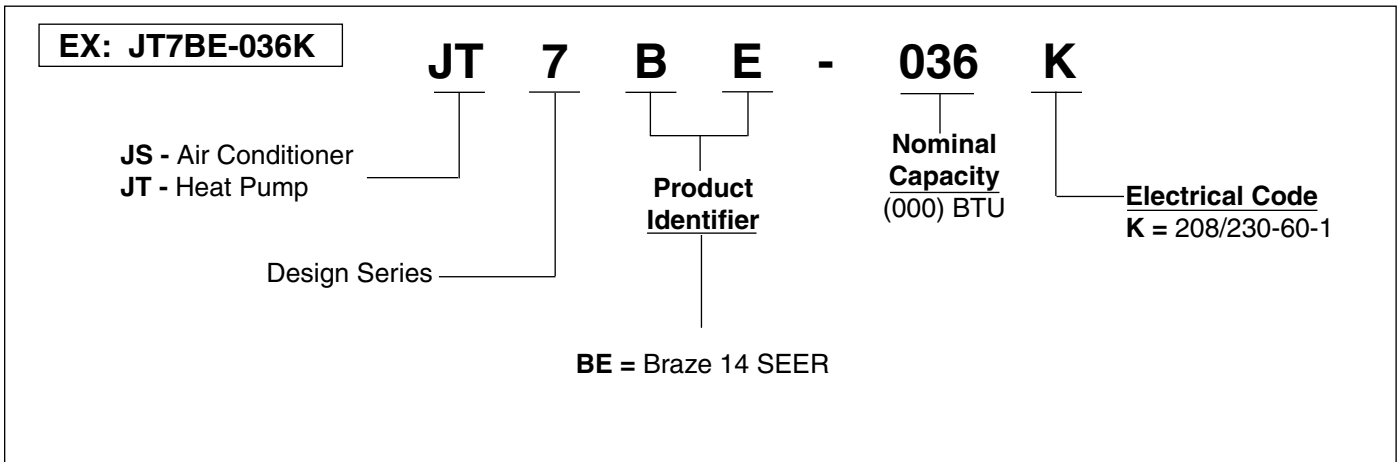
The JT7BE series of heat pumps offers 14-SEER performance when matched with B6VMAX series of air handlers. Units are designed for slab or rooftop mounting in single, multi-family and light commercial applications, and are designed for use with indoor equipment containing copper tube-in-fin coil technology.



### FEATURES and BENEFITS

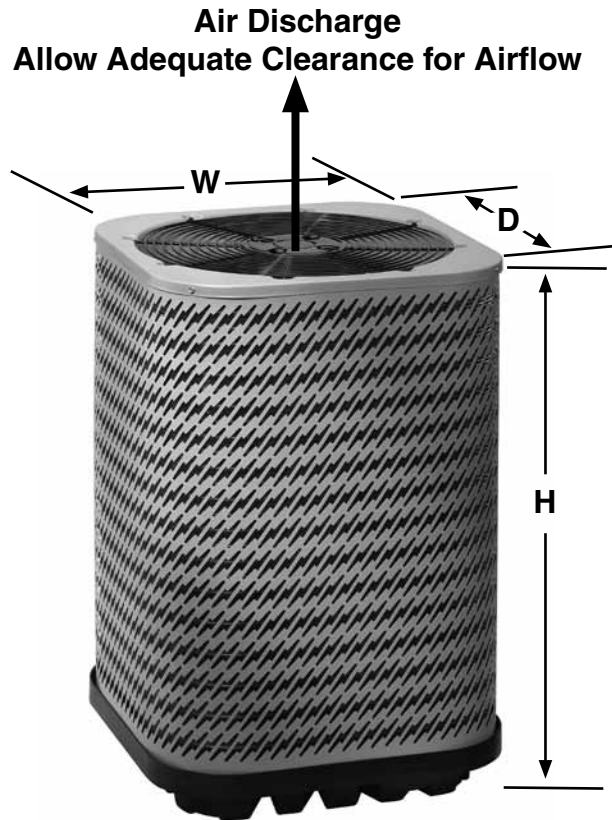
- **Designed using galvanized steel:** With a polyester urethane coat finish, it passes 950 hours of salt spray per ASTM Std. B117.
- **Copper Tube / Aluminum Fin Coils:** Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase durability and reliability.
- **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

JT7BE	018K	024K	030K	036K	042K	048K
H	31 1/2	35 1/2	39 1/2	43 1/2	39 1/2	43 1/2
W	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



# PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

## 13 SEER — High Efficiency — Single Phase

Model Number JT7BE-		018K	024K	030K	036K	042K	048K	
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	
	Total Amps	10.2	14.6	15.3	17.8	19.4	23.2	
	Delay Fuse Max. (2)	20	30	30	35	40	50	
	Min. Circuit Ampacity	12.4	18.0	18.8	22.0	23.9	28.7	
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
		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.
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	1.2	1.2	1.2	1.2	1.46	1.46
		HP	0.2	0.2	0.2	0.2	0.25	0.25
	Fan Blade	Dia - # Blades	24" - 2					
		SCFM	3000	3200	3300	3400	3700	3800
	Compressor Data	RLA	9.0	13.4	14.1	16.6	17.9	21.8
		LRA	48.0	58.3	73.0	79.0	112.0	117.0
Refrigerant suction line O.D. Note: Liquid line is 3/8" O.D. for entire length	0-24 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	
	25-39 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	
	40-75 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	
Approximate Weight (lbs.)	Net	166	171	176	181	247	280	
	Ship	175	180	185	190	260	295	
Sound Rating db		75	75	75	76	79	79	

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

(2) HACR Type Circuit Breakers may be used.

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

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

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

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

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

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

## ACCESSORIES - Condensing Unit

### Start Assist Kit - 912933

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

### Extreme Wind Condition Mounting Kit - 1017210

### Low Ambient Kit - 918837

# SYSTEM COOLING CAPACITIES

## 14 SEER — High Efficiency — Single Phase

Outdoor Unit	Indoor Unit	Cooling Capacity BTUH	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
JT7BE-018K	B6VMAX24K-B	17,000	14	11.5	16,700	8.2	600
JT7BE-024K	B6VMAX24K-B	23,000	14	11.5	22,000	8.2	860
JT7BE-030K	B6VMAX30K-B	28,000	14	11.5	28,000	8.2	900
JT7BE-036K	B6VMAX36K-B	34,000	14	11.5	34,000	8.2	1,180
JT7BE-042K	B6VMAX48K-C	40,000	14	11.5	40,000	8.2	1,485
JT7BE-048K	B6VMAX48K-C	46,000	14	11.5	45,000	8.2	1,500

See current AHRI Directory for certified combinations and ratings  
[www.ahridirectory.org](http://www.ahridirectory.org)

## COOLING EXPANDED RATINGS

### JT7BE-018K with B6VMAX24K-(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.
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

### JT7BE-024K with B6VMAX24K-(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.
700	80	62	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	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	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	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	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	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	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	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	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	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	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	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

### JT7BE-030K with B6VMAX30K-(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	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	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	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	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	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	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	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	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	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	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	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	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

# COOLING EXPANDED RATINGS (CONTINUED)

## JT7BE-036K with B6VMAX36K-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	34.6	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	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	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	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	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	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	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	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	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	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	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	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

## JT7BE-042K with B6VMAX48K-(B,C)

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	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	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	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	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	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	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	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	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	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	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	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	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

## JT7BE-048K with B6VMAX48K-C

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	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	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	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	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	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	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	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	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	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	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	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	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

# HEATING EXPANDED RATINGS

## JT7BE-018K with B6VMAX24K-(A,B)

100 CFM		OUTDOOR TEMPERATURE (Deg. F)																							
		10			17			20			30			40			47			50			60		
		Indoor T. Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW		
500	60	9.0	1.99	1.33	10.9	2.40	1.34	11.8	2.57	1.34	14.5	3.14	1.35	17.2	3.70	1.37	19.2	4.09	1.37	20.0	4.25	1.38	22.7	4.80	1.39
	70	8.5	2.00	1.25	10.3	2.36	1.27	11.0	2.51	1.29	13.5	2.99	1.32	16.0	3.45	1.36	17.7	3.76	1.38	18.5	3.88	1.39	20.9	4.30	1.43
	80	7.9	1.95	1.19	9.5	2.28	1.22	10.2	2.42	1.23	12.4	2.84	1.28	14.6	3.24	1.32	16.2	3.51	1.35	16.9	3.62	1.37	19.1	3.97	1.41
600	60	9.1	1.93	1.37	11.0	2.34	1.38	11.9	2.51	1.39	14.7	3.08	1.40	17.5	3.65	1.41	19.4	4.03	1.41	20.3	4.20	1.42	23.1	4.75	1.43
	70	8.6	1.94	1.30	10.4	2.30	1.33	11.2	2.45	1.34	13.7	2.93	1.37	16.2	3.39	1.40	18.0	3.70	1.43	18.8	3.83	1.44	21.3	4.25	1.47
	80	8.0	1.92	1.23	9.7	2.24	1.26	10.3	2.37	1.28	12.6	2.80	1.33	14.9	3.19	1.38	16.6	3.44	1.41	17.3	3.55	1.43	19.6	3.89	1.48
700	60	9.3	1.91	1.42	11.2	2.31	1.43	12.1	2.48	1.43	14.9	3.05	1.43	17.7	3.61	1.44	19.7	4.00	1.44	20.5	4.17	1.44	23.3	4.72	1.45
	70	8.7	1.91	1.34	10.5	2.27	1.36	11.3	2.42	1.37	13.9	2.90	1.41	16.5	3.36	1.44	18.3	3.67	1.46	19.1	3.80	1.47	21.7	4.22	1.51
	80	8.2	1.89	1.27	9.8	2.20	1.31	10.5	2.33	1.32	12.8	2.73	1.37	15.1	3.11	1.42	16.7	3.36	1.46	17.4	3.47	1.48	19.8	3.80	1.53

## JT7BE-024K with B6VMAX24K-(A,B)

100 CFM		OUTDOOR TEMPERATURE (Deg. F)																							
		10			17			20			30			40			47			50			60		
		Indoor T. Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP
650	60	11.6	2.16	1.57	14.0	2.57	1.59	15.0	2.74	1.61	18.5	3.29	1.65	21.9	3.82	1.69	24.4	4.17	1.71	25.4	4.32	1.73	28.9	4.79	1.77
	70	11.0	2.12	1.52	13.3	2.48	1.56	14.2	2.63	1.58	17.4	3.11	1.65	20.7	3.54	1.71	22.9	3.83	1.75	23.9	3.95	1.77	27.1	4.33	1.84
	80	10.4	2.04	1.50	12.5	2.37	1.55	13.4	2.50	1.57	16.4	2.92	1.64	19.3	3.31	1.71	21.4	3.56	1.77	22.3	3.66	1.79	25.3	3.99	1.86
750	60	11.6	2.12	1.61	14.1	2.53	1.63	15.1	2.70	1.64	18.7	3.25	1.68	22.2	3.78	1.72	24.6	4.14	1.75	25.7	4.29	1.76	29.2	4.77	1.80
	70	11.1	2.08	1.57	13.4	2.44	1.61	14.4	2.59	1.63	17.6	3.06	1.69	20.9	3.51	1.75	23.2	3.80	1.79	24.2	3.92	1.81	27.4	4.31	1.87
	80	10.5	2.01	1.53	12.7	2.34	1.59	13.6	2.47	1.61	16.6	2.89	1.68	19.7	3.27	1.76	21.8	3.52	1.81	22.7	3.63	1.84	25.7	3.95	1.91
850	60	11.8	2.09	1.65	14.2	2.49	1.68	15.3	2.66	1.69	18.9	3.22	1.72	22.4	3.75	1.75	24.9	4.11	1.77	25.9	4.26	1.78	29.5	4.76	1.82
	70	11.2	2.05	1.61	13.5	2.41	1.65	14.5	2.56	1.66	17.9	3.04	1.72	21.2	3.49	1.78	23.5	3.78	1.82	24.5	3.90	1.84	27.8	4.29	1.90
	80	10.7	1.99	1.57	12.8	2.31	1.63	13.7	2.44	1.65	16.8	2.85	1.73	19.8	3.23	1.80	22.0	3.47	1.85	22.9	3.58	1.88	25.9	3.90	1.95

## JT7BE-030K with B6VMAX30K-(A,B)

100 CFM		OUTDOOR TEMPERATURE (Deg. F)																							
		10			17			20			30			40			47			50			60		
		Indoor T. Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP
750	60	14.7	2.42	1.78	17.6	2.77	1.87	18.9	2.91	1.90	23.1	3.33	2.03	27.2	3.70	2.16	30.1	3.94	2.25	31.4	4.03	2.28	35.6	4.33	2.41
	70	14.1	2.33	1.77	16.8	2.63	1.88	18.0	2.75	1.92	22.0	3.11	2.08	25.9	3.41	2.23	28.7	3.60	2.33	29.9	3.68	2.38	33.8	3.92	2.53
	80	13.5	2.23	1.78	16.1	2.49	1.90	17.2	2.59	1.95	20.9	2.90	2.12	24.7	3.16	2.29	27.3	3.32	2.41	28.4	3.38	2.46	32.1	3.57	2.63
850	60	14.8	2.38	1.82	17.7	2.73	1.90	19.0	2.87	1.94	23.2	3.30	2.06	27.5	3.69	2.19	30.5	3.93	2.27	31.7	4.03	2.31	36.0	4.34	2.43
	70	14.2	2.30	1.81	17.0	2.60	1.92	18.2	2.72	1.96	22.2	3.09	2.11	26.2	3.40	2.26	29.0	3.60	2.36	30.2	3.68	2.41	34.2	3.93	2.56
	80	13.6	2.20	1.82	16.3	2.46	1.93	17.4	2.57	1.99	21.2	2.88	2.16	25.0	3.15	2.33	27.6	3.31	2.44	28.7	3.38	2.49	32.5	3.58	2.66
950	60	14.9	2.34	1.86	17.9	2.70	1.94	19.1	2.84	1.98	23.4	3.28	2.10	27.7	3.67	2.21	30.7	3.92	2.30	32.0	4.02	2.33	36.3	4.34	2.45
	70	14.3	2.27	1.85	17.2	2.58	1.95	18.4	2.70	1.99	22.4	3.07	2.14	26.5	3.39	2.29	29.3	3.60	2.39	30.5	3.68	2.43	34.6	3.93	2.58
	80	13.7	2.17	1.85	16.4	2.44	1.97	17.5	2.54	2.02	21.3	2.86	2.19	25.1	3.13	2.36	27.8	3.30	2.47	28.9	3.36	2.52	32.7	3.57	2.69

## JT7BE-036K with B6VMAX36K-B

150 CFM		OUTDOOR TEMPERATURE (Deg. F)																							
		10			17			20			30			40			47			50			60		
		Indoor T. Deg.F	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP	kW	MBH	COP
950	60	17.3	2.48	2.05	21.0	2.83	2.18	22.5	2.96	2.23	27.7	3.36	2.42	32.9	3.71	2.61	36.6	3.92	2.74	38.2	4.00	2.79	43.4	4.26	2.98
	70	16.7	2.35	2.08	20.2	2.65	2.23	21.7	2.77	2.29	26.6	3.12	2.51	31.6	3.41	2.72	35.1	3.59	2.87	36.6	3.66	2.94	41.6	3.87	3.15
	80	16.1	2.21	2.13	19.4	2.48	2.30	20.9	2.58	2.37	25.6	2.88	2.61	30.4	3.14	2.84	33.7	3.29	3.01	35.2	3.35	3.08	39.9	3.53	3.31
1100	60	17.5	2.44	2.10	21.2	2.79	2.23	22.8	2.93	2.28	28.1	3.34	2.46	33.4	3.71	2.64	37.1	3.93	2.77	38.7	4.02	2.82	43.9	4.30	3.00
	70	16.9	2.31	2.14	20.4	2.62	2.28	21.9	2.74	2.35	27.0	3.10	2.55	32.1	3.41	2.76	35.6	3.60	2.90	37.1	3.68	2.96	42.2	3.91	3.17
	80	16.2	2.18	2.19	19.7	2.45	2.35	21.1	2.56	2.42	26.0	2.88	2.65	30.8	3.14	2.88	34.2	3.30	3.04	35.7	3.37	3.11	40.5	3.57	3.33
1250	60	17.6	2.40	2.15	21.3	2.75	2.27	23.0	2.89	2.33	28.3	3.32	2.50	33.7	3.69	2.68	37.5	3.93	2.80	39.1	4.02	2.85	44.5	4.31	3.03
	70	17.1	2.28	2.19	20.6	2.60	2.33	22.2	2.72	2.39	27.3	3.09	2.59	32.5	3.41	2.79	36.1	3.61	2.93	37.6	3.69	2.99	42.7	3.93	3.19
	80	16.5	2.15	2.24	19.9	2.43	2.40	21.4	2.54	2.47	26.3	2.86	2.69	31.2	3.14	2.91	34.6	3.31	3.07	36.1	3.37	3.13	41.0	3.58	3.36

# HEATING EXPANDED RATINGS (CONTINUED)

## JT7BE-042K with B6VMAX48K-(B,C)

		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
1175	60	22.3	2.53	2.58	26.2	2.87	2.68	27.9	3.01	2.72	33.5	3.44	2.86	39.1	3.83	3.00	43.0	4.08	3.09	44.7	4.18	3.13	50.2	4.51	3.27
	70	21.5	2.34	2.70	25.3	2.65	2.80	27.0	2.77	2.85	32.4	3.16	3.00	37.8	3.51	3.15	41.5	3.74	3.26	43.2	3.83	3.30	48.6	4.12	3.46
	80	21.0	2.18	2.83	24.6	2.45	2.95	26.2	2.57	2.99	31.4	2.91	3.16	36.5	3.23	3.32	40.2	3.43	3.43	41.7	3.51	3.48	46.9	3.77	3.65
1325	60	22.5	2.51	2.63	26.5	2.85	2.72	28.2	2.99	2.76	33.8	3.43	2.89	39.5	3.84	3.02	43.5	4.10	3.11	45.2	4.21	3.15	50.9	4.55	3.28
	70	21.8	2.33	2.74	25.6	2.64	2.84	27.2	2.77	2.89	32.7	3.16	3.03	38.2	3.53	3.17	42.0	3.76	3.28	43.6	3.86	3.32	49.1	4.16	3.46
	80	21.2	2.16	2.88	24.9	2.44	2.99	26.4	2.56	3.03	31.7	2.92	3.19	37.0	3.24	3.34	40.6	3.45	3.45	42.2	3.54	3.50	47.5	3.81	3.65
1475	60	22.5	2.47	2.67	26.6	2.82	2.76	28.3	2.97	2.80	34.1	3.42	2.92	39.9	3.83	3.05	43.9	4.10	3.14	45.6	4.21	3.18	51.4	4.56	3.30
	70	22.0	2.32	2.79	25.9	2.63	2.88	27.5	2.76	2.93	33.1	3.16	3.06	38.6	3.53	3.20	42.5	3.77	3.30	44.1	3.87	3.34	49.6	4.18	3.48
	80	21.4	2.15	2.92	25.1	2.43	3.03	26.7	2.55	3.07	32.0	2.91	3.22	37.3	3.25	3.37	41.0	3.47	3.47	42.6	3.55	3.52	47.9	3.83	3.67

## JT7BE-048K with B6VMAX48K-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
1475	60	25.6	2.45	3.06	29.8	2.73	3.19	31.6	2.85	3.25	37.6	3.20	3.45	43.6	3.51	3.64	47.8	3.71	3.78	49.6	3.79	3.84	55.6	4.05	4.03
	70	24.7	2.23	3.24	28.8	2.49	3.39	30.6	2.60	3.45	36.4	2.92	3.66	42.3	3.21	3.86	46.4	3.39	4.01	48.1	3.47	4.07	54.0	3.70	4.28
	80	24.2	2.06	3.45	28.1	2.29	3.61	29.8	2.38	3.67	35.5	2.67	3.89	41.1	2.93	4.11	45.0	3.09	4.27	46.7	3.16	4.33	52.3	3.37	4.55
1675	60	25.8	2.44	3.10	30.1	2.73	3.23	31.9	2.85	3.29	38.1	3.22	3.47	44.2	3.55	3.65	48.5	3.76	3.78	50.3	3.85	3.84	56.4	4.12	4.02
	70	25.0	2.23	3.29	29.2	2.50	3.43	31.0	2.61	3.48	36.9	2.94	3.68	42.8	3.25	3.87	47.0	3.44	4.01	48.8	3.52	4.06	54.7	3.77	4.26
	80	24.4	2.04	3.50	28.5	2.29	3.65	30.2	2.39	3.71	35.9	2.69	3.91	41.6	2.97	4.12	45.7	3.15	4.26	47.4	3.22	4.32	53.1	3.44	4.52
1875	60	25.9	2.41	3.15	30.3	2.71	3.27	32.2	2.84	3.33	38.4	3.22	3.50	44.7	3.56	3.68	49.1	3.78	3.81	50.9	3.87	3.86	57.2	4.15	4.04
	70	25.4	2.23	3.34	29.6	2.50	3.47	31.4	2.61	3.52	37.4	2.96	3.71	43.4	3.27	3.89	47.6	3.47	4.02	49.4	3.55	4.08	55.4	3.81	4.26
	80	24.7	2.04	3.55	28.8	2.29	3.69	30.5	2.39	3.74	36.3	2.71	3.94	42.1	2.99	4.13	46.2	3.18	4.26	47.9	3.25	4.32	53.7	3.49	4.51



### GENERAL TERMS OF LIMITED WARRANTY

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

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