

## JT4BD Series

### High Efficiency Heat Pump 13 SEER Residential System 1.5 – 5 Ton Capacity

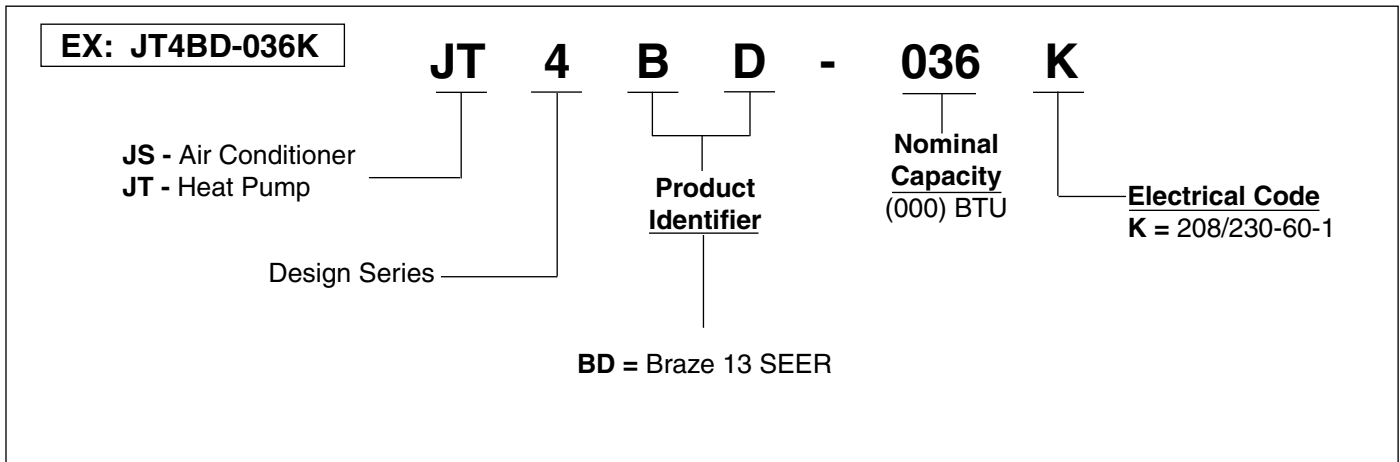
The JT4BD Series of heat pumps offers exceptional performance. The unit, when combined with our engineered coils or air handlers, offers a full line of quality, split system cooling and heating equipment. The JT4BD is rated at 13 SEER and 8.0 HSPF when matched with our air handlers. When matched with our variable speed air handler, or our variable speed blower kits, the JT4BD 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.



### FEATURES and BENEFITS

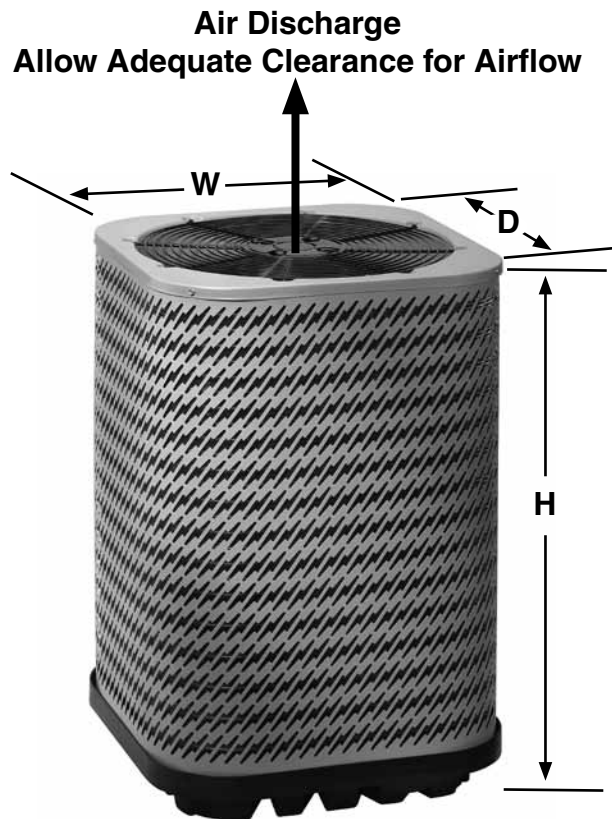
- **Designed using galvanized steel:** With a polyester urethane coat finish. The 950 hour salt spray finish resists corrosion 50% better than comparable units.
- **Copper Tube / Aluminum Fin Coils:** Both indoor and outdoor coils are designed to optimize heat transfer, minimize size and cost, and increase 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

JT4BD	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 JT4BD-		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		75	75	75	76	79	79	79	

- (1) Operating Voltage Range: 187v min. - 253v max.  
 (2) HACR Type Circuit Breakers may be used.  
 (3) Requires 7/8" to 1-1/8" reducer from line to unit.  
 (4) Additional charge for line sets above 15 feet.  
 Values based on suction line as follows with 3/8" liquid line.  
 a) 3/4" = 0.6 oz. per additional foot.  
 b) 7/8" = 0.7 oz. per additional foot.  
 c) 1 1/8" = 0.8 oz. per additional foot.

### 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 JT4BD-	Indoor Unit	Cooling Capacity Btuh	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
018K	B6BMM024K-A	17,500	13.00	10.50	19,000	8.00	650
018K	B6BMM024K-B	17,500	13.00	10.50	17,700	7.70	650
024K	B6BMM024K-A	23,000	13.00	10.50	24,800	8.00	850
024K	B6BMM024K-B	23,000	13.00	10.50	26,000	8.00	820
030K	B6BMM030K-A	28,800	13.00	10.50	30,800	8.00	900
030K	B6BMM030K-B	28,800	13.00	10.50	29,000	8.00	1075
036K	B6BMM036K-B	34,800	13.00	10.50	36,800	8.00	1170
042K	B6BMM042K-B	40,000	13.00	10.50	42,000	7.80	1495
048K	B6BMM048K-B	46,500	13.00	10.50	49,500	8.00	1360
048K	B6BMM048K-C	47,500	13.00	10.50	47,500	8.00	1620
060K	B6BMM060K-C	57,500	13.00	10.50	60,500	8.00	1660

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

Outdoor Unit JT4BD	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	10.50	18,000	8.00	580
018K	C7B(A,H)M01824(C,U)-B	18,000	13.00	10.50	18,000	8.00	580
024K	C7B(A,H)M01824(C,U)-A	22,800	13.00	10.50	23,600	8.00	805
024K	C7B(A,H)M01824(C,U)-B	22,800	13.00	10.50	23,600	8.00	855
030K	C7B(A,H)M03036(C,U)-A	28,400	13.00	10.50	29,000	8.00	1005
030K	C7B(A,H)M03036(C,U)-B	28,400	13.00	10.50	29,000	8.00	1005
030K	C7B(A,H)M030(C,U)-C	28,400	13.00	10.50	29,000	8.00	1005
036K	C7B(A,H)M03036(C,U)-B	34,600	13.00	10.50	36,000	8.00	1180
036K	C7B(A,H)M03642(C,U)-B	34,600	13.00	10.50	36,000	8.00	1180
036K	C7B(A,H)M03648(C,U)-C	34,600	13.00	10.50	36,000	8.00	1180
042K	C7B(A,H)M03642(C,U)-B	39,000	13.00	10.50	41,500	8.00	1320
042K	C7B(A,H)M03648(C,U)-C	39,000	13.00	10.50	41,500	8.00	1320
042K	C7B(A,H)M042(C,U)-D	39,000	13.00	10.50	41,500	8.00	1320
048K	C7B(A,H)M03648(C,U)-C	45,500	13.00	10.50	47,000	8.00	1395
048K	C7B(A,H)M048(C,U)-C	45,500	13.00	10.50	47,000	8.00	1325
048K	C7B(A,H)M048(C,U)-D	45,500	13.00	10.50	47,000	8.00	1325

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

## 14 SEER — High Efficiency — Single Phase

Outdoor Unit JT4BD-	Indoor Unit B6VMAX	Cooling Capacity BTUH	SEER	EER	Heating Capacity BTUH @ 47°F	HSPF	Nominal SCFM
018K	X24K-B	18,000	14	11.8	18,000	8.0	600
024K	X24K-B	24,000	14	12.2	23,200	8.2	750
030K	X30K-B	29,600	14	12.2	29,600	8.2	900
036K	X36K-B	35,800	14	12.2	37,800	8.2	1180
042K	X48K-C	41,500	14	12.2	41,500	8.2	1400
048K	X48K-C	48,000	14	12.2	47,500	8.2	1600
060K	X60K-C	59,500	13.5	12	57,500	8.2	1700

## 13 SEER + LOOSE COIL COOLING EXPANDED RATINGS

JT4BD-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 + AHU HEATING EXPANDED RATINGS (CONTINUED)

## JT4BD-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

## JT4BD-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

## JT4BD-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 + VSB COOLING EXPANDED RATINGS

## JT4BD-018K with B6VMAX24K-(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

## JT4BD-024K with B6VMAX24K-(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

## JT4BD-030K with B6VMAX30K-(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

## JT4BD-036K with B4VMAX36K-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

# 13 SEER + VSB COOLING EXPANDED RATINGS (CONTINUED)

## JT4BD-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	42.1	37.6	2.52	40.3	37.0	2.77	38.3	36.2	3.06	35.9	34.9	3.38	33.6	33.5	3.72
	80	67	45.5	31.6	2.53	43.5	30.7	2.78	41.2	29.8	3.07	38.6	28.7	3.39	35.7	27.5	3.75
	80	72	49.4	25.3	2.53	47.2	24.5	2.79	44.5	23.6	3.07	41.7	22.6	3.39	38.5	21.4	3.76
	75	63	42.6	30.7	2.52	40.7	29.8	2.78	38.5	28.8	3.06	36.1	27.8	3.39	33.4	26.6	3.75
1400	80	62	43.0	40.1	2.64	41.0	39.2	2.89	38.9	38.5	3.18	36.8	36.8	3.46	34.4	34.4	3.83
	80	67	46.1	33.5	2.65	44.0	32.6	2.90	41.6	31.6	3.18	38.9	30.5	3.50	35.9	29.2	3.87
	80	72	49.8	26.6	2.66	47.5	25.7	2.91	44.9	24.8	3.19	41.9	23.7	3.51	38.6	22.5	3.87
	75	63	43.1	32.4	2.64	41.2	31.5	2.90	38.9	30.5	3.18	36.4	29.4	3.50	33.6	28.1	3.87
1575	80	62	43.6	42.2	2.79	41.6	41.3	3.04	39.7	39.7	3.28	37.5	37.5	3.60	34.9	34.9	3.96
	80	67	46.4	35.2	2.79	44.3	34.2	3.05	41.8	33.2	3.33	39.0	32.0	3.65	35.9	30.7	4.02
	80	72	50.0	27.6	2.80	47.7	26.7	3.06	45.0	25.8	3.34	42.0	24.6	3.66	38.6	23.4	4.02
	75	63	43.4	33.9	2.79	41.4	33.0	3.05	39.1	32.0	3.33	36.5	30.8	3.65	33.6	29.5	4.02

## JT4BD-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	43.7	33.1	2.82	42.2	32.5	3.14	40.4	31.9	3.52	38.5	30.9	3.95	36.4	30.0	4.47
	80	67	48.0	28.9	2.83	46.3	28.1	3.15	44.4	27.3	3.53	42.2	26.3	3.96	39.8	25.2	4.47
	80	72	52.7	24.5	2.85	50.8	23.7	3.17	48.7	22.8	3.54	46.4	21.9	3.97	43.8	20.9	4.47
	75	63	44.7	28.3	2.82	43.1	27.5	3.14	41.3	26.6	3.52	39.3	25.7	3.96	36.9	24.6	4.47
1600	80	62	46.4	37.0	2.87	44.7	36.3	3.20	42.8	36.0	3.57	40.6	34.9	4.01	38.3	33.7	4.52
	80	67	50.4	31.9	2.89	48.5	31.1	3.21	46.4	30.1	3.58	44.1	29.1	4.01	41.5	27.9	4.52
	80	72	55.5	26.4	2.91	53.4	25.6	3.23	51.1	24.7	3.60	48.5	23.7	4.02	45.6	22.7	4.52
	75	63	47.0	31.1	2.88	45.2	30.3	3.20	43.3	29.3	3.57	41.1	28.3	4.01	38.7	27.1	4.52
1800	80	62	48.3	40.7	2.95	46.4	40.2	3.27	44.4	39.4	3.65	42.1	38.3	4.08	39.6	37.0	4.59
	80	67	52.2	34.5	2.97	50.2	33.6	3.29	47.9	32.5	3.66	45.5	31.4	4.09	42.7	30.2	4.59
	80	72	57.3	28.1	2.99	55.0	27.3	3.30	52.5	26.4	3.67	49.7	25.4	4.10	46.5	24.2	4.59
	75	63	48.8	33.6	2.96	46.9	32.7	3.28	44.8	31.6	3.65	42.4	30.5	4.08	39.9	29.3	4.59

## JT4BD-060K with B6VMAX60K-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.
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 + VSB HEATING EXPANDED RATINGS (CONTINUED)

## JT4BD-042K with B6VMAX48K-(B,C)

150 CFM		OUTDOOR TEMPERATURE (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
Indoor T. Deg.F	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
1175	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
1325	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

## JT4BD-048K with B6VMAX48K-C

200 CFM		OUTDOOR TEMPERATURE (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
Indoor T. Deg.F	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
1475	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
1675	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

## JT4BD-060K with B6VMAX60K-C

200 CFM		OUTDOOR TEMPERATURE (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
Indoor T. Deg.F	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
1650	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
1850	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
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 COOLING EXPANDED RATINGS (CONTINUED)

## JT4BD-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	

## JT4BD-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	

## JT4BD-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

## JT4BD-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

## JT4BD-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

## JT4BD-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

## JT4BD-036K / B6EMMX36K-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
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)

## JT4BD-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

## JT4BD-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

## JT4BD-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



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