

Tempo Series

Single Zone Systems



Tempo Series offers efficiency and value with outstanding inverter technology performance. Capable of heating down to -4°F(-20°C), cooling up to 115°F(46°C), and available with capacities of 09k, 12k, 18k, and 24k. 09k and 12k available for both 115V and 208/230V.

Key Features

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|--|---|
|  <p>A-PAM DC INVERTER
Latest high efficiency DC inverter technology</p> |  <p>DRY FUNCTION
Reduces indoor humidity level</p> |
|  <p>-4°F HEATING
Low ambient heating down to -4°F (-20°C)</p> |  <p>TURBO MODE
Cools or heats the room quickly</p> |
|  <p>BLUE FIN
A hydrophilic aluminum fin ensures condensing water flows smoothly</p> |  <p>QUIET MODE
Minimizes indoor noise while maintaining comfort levels</p> |
|  <p>EASY INSTALLATION CLIP
Built-in bracket allows more room to install and service</p> |  <p>CHILD LOCK
Prevents unintended and unsupervised use</p> |
|  <p>AUTO LOUVER
Adjusts airflow upward when cooling, or downward when heating</p> |  <p>115V EASY ELECTRIC WIRING
9k and 12k available with 230V or 115V options</p> |
|  <p>WARM START
Ensures the fan will not blow cold air during heating mode startup</p> |  <p>2-WAY PIPING DRAIN
Right or left side drain configuration simplifies installation</p> |



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Specifications

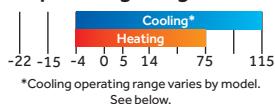
Compressor Type:
DC Inverter Driven Rotary

Voltage/Cycle/Phase:

115/60/1:
09TE1, 12TE1

208-230/60/1:
09TE2, 12TE2, 18TE2, 24TE2

Operating Range (°F):



		115V		208-230V					
				WIFI Compatible with WIFI Adapter (QAWF01A)		WIFI Built-in WIFI		WIFI Compatible with WIFI Adapter (QAWF01A)	
		09TE1	12TE1	09TE2	12TE2	18TE2	24TE2		
	Outdoor Unit	1U09TE1VHA	1U12TE1VHA	1U09TE2VHA	1U12TE2VHA	1U18TE2VHA	1U24TE2VHA		
	UPC	6-88057-40817-0	6-88057-40819-4	0-84691-85533-0	0-84691-85535-4	6-88057-40821-7	6-88057-40823-1		
	Indoor Unit	AW09TE1VHA	AW12TE1VHA	AW09TE2VHA	AW12TE2VHA	AW18TE2VHA	AW24TE2VHA		
	UPC	6-88057-40816-3	6-88057-40818-7	0-84691-85532-3	0-84691-85534-7	6-88057-40820-0	6-88057-40822-4		
Cooling	Rated Capacity Btu/hr	9,000	12,000	9,000	12,000	18,000	24,000		
	Capacity Range Btu/hr	3,800-12,000	4,100-12,500	3,800-10,000	4,100-13,000	5,000-19,000	6,500-26,000		
	Rated Power Input W	810	1,200	800	1,100	1,650	2,150		
	SEER/EER	16/11.0	16/11.0	18/11.0	18/11.0	16/10.0	16/10.0		
	Moisture Removal Pt./h	2.5	3.4	2.3	3.4	4.2	5.9		
Heating	Heating Capacity Range Btu/hr	4,100-12,000	4,500-16,000	4,100-11,000	4,500-13,000	5,400-22,000	6,800-28,000		
	Rated Heating Capacity 47°F Btu/hr	10,000	12,000	10,000	12,000	19,000	26,000		
	COP	3.25	2.93	4.15	3.79	3.22	3.22		
	Rated Heating Capacity 17°F Btu/hr	5,600	7,800	5,000	7,500	11,200	16,600		
	Max. Heating Capacity 17°F Btu/hr	7,500	11,200	7,500	10,000	16,900	20,700		
	Max. Heating Capacity 5°F Btu/hr	6,900	8,930	6,000	8,500	13,600	16,400		
	Max. Heating Capacity -4°F Btu/hr	5,300	7,100	5,000	7,500	11,200	13,800		
Rated Power Input W	850	1,000	750	980	1,700	2,400			
HSPF	9.0	9.0	10	10	9.0	9.0			
Operating Range	Cooling °F (°C)	14~115°F (-10~46°C)	14~115°F (-10~46°C)	-4~115°F (-20~46°C)	-4~115°F (-20~46°C)	0~115°F (-18~46°C)	0~115°F (-18~46°C)		
	Heating °F (°C)	-4~75°F (-20~24°C)	-4~75°F (-20~24°C)	-4~75°F (-20~24°C)	-4~75°F (-20~24°C)	-4~75°F (-20~24°C)	-4~75°F (-20~24°C)		
Outdoor Unit	Maximum Fuse Size A	20	20	15	15	20	25		
	Minimum Circuit Amp A	18	18	12	12	17	19		
	Outdoor Noise Level dB	47	50	48	50	56	53		
	Dimension: Height in (mm)	21 1/4 (540)	21 1/4 (540)	21 3/4 (553)	21 3/4 (553)	27 7/16 (697)	30 (762)		
	Dimension: Width in (mm)	30 11/16 (780)	30 11/16 (780)	31 1/2 (800)	31 1/2 (800)	35 (890)	36 3/16 (920)		
	Dimension: Depth in (mm)	9 5/8 (245)	9 5/8 (245)	10 7/8 (275)	10 7/8 (275)	13 7/8 (353)	15 1/8 (385)		
	Weight Ship/Net - lbs (kg)	66.2/58.4 (30/26.5)	71.7/63.9 (32.5/29)	76.1/63.5 (34.5/28.8)	82.2/69.7 (37.3/31.6)	105.8/97.0 (48.0/44.0)	121.3/112.5 (55.0/51.0)		
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto	5 + Auto		
	Airflow CFM (Turbo/High/Med/Low/Quiet)	305/295/280/265/240	310/300/287/275/245	421/332/292/242/200	426/360/310/265/200	545/530/505/475/460	665/650/610/570/555		
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	39/37/33/28/23	39/37/33/28/23	42/36/33/29/26	42/38/34/31/26	45/43/39/36/33	47/45/40/37/34		
	Dimension: Height in (mm)	11 7/16 (290)	11 7/16 (290)	11 7/8 (301)	11 7/8 (301)	12 1/2 (318)	13 3/16 (335)		
	Dimension: Width in (mm)	34 (864)	34 (864)	33 3/4 (856)	33 3/4 (856)	39 11/16 (1008)	44 5/16 (1125)		
	Dimension: Depth in (mm)	7 7/8 (200)	7 7/8 (200)	7 3/4 (196)	7 3/4 (196)	8 7/8 (225)	9 7/16 (240)		
	Weight Ship/Net - lbs (kg)	24.7/19.9 (11.2/9.0)	24.7/19.9 (11.2/9.0)	26.9/21.2 (12.2/9.6)	26.9/21.2 (12.2/9.6)	33.1/26.5 (15.0/12.0)	38.6/30.9 (17.5/14.0)		
Refrigerant Lines	Connections	Flare	Flare	Flare	Flare	Flare	Flare		
	Liquid O.D. in	1/4	1/4	1/4	1/4	1/4	1/4		
	Suction O.D. in	3/8	3/8	3/8	3/8	1/2	1/2		
	Factory Charge Oz	26.5	35.3	32.8	40.6	40.6	67.0		
	Maximum Line Length Ft / m	66/20	66/20	66/20	66/20	83/25	83/25		
	Maximum Height Ft / m	33/10	33/10	33/10	33/10	50/15	50/15		

*The Tempo Series will continuously operate at -4°F(-20°C).