

Tempo SERIES



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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. 24K, 30K, and 36K low ambient cooling down to -40°F (with accessories) available.

Key Features*

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|--|---|
|  <p>A-PAM DC INVERTER
Latest high efficiency DC inverter technology</p> |  <p>-4°F HEATING
Low ambient heating down to -4°F (-20°C)</p> |
|  <p>EASY INSTALLATION CLIP
Built-in bracket allows more room to install and service</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>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> |  <p>TURBO MODE
Cools or heats the room quickly</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>DRY</p> <p>DRY FUNCTION
Reduces indoor humidity level</p> |  <p>CHILD LOCK
Prevents unintended and unsupervised use</p> |

*Features vary by individual models.

Single Zone Systems

Haier

Highwall Specifications



Compressor Type:
DC Inverter Driven Rotary

Voltage/Cycle/Phase:
208-230/60/1



		09TE2	12TE2	18TE2	24TE2
	Outdoor Unit	1U09TE2HDA	1U12TE2HDA	1U18TE2HDA	1U24TE2HDA
	UPC	084691914334	084691914341	084691882435	084691882442
	Indoor Unit	AW09TC2HDA	AW12TC2HDA	AW18TC2HDA	AW24TC2HDA
	UPC	084691885924	084691885931	084691895251	084691885948
Cooling	Rated Capacity Btu/hr	9,000	12,000	18,000	24,000
	Capacity Range Btu/hr	3,800-10,000	4,100-13,000	5,500-20,000	6,500-25,500
	SEER2	19.0	19.0	19.0	19.0
	EER2	11.0	11.0	11.0	9.5
	23°F Cooling Without Wind Baffle	5,000	6,200	14,400	19,200
	-4°F Cooling with Wind Baffle	5,200	6,800	18,000	24,000
	Moisture Removal Pt./hr	2.3	3.4	3.6	4.9
Heating	Heating Capacity Range Btu/hr	4,100-11,000	4,500-13,000	5,000-22,000	7,000-28,000
	Rated Heating Capacity 47°F Btu/hr	10,000	12,000	19,000	24,600
	COP @ 47°F	3.8	3.2	3.0	3.0
	Max. Heating Capacity 5°F Btu/hr	7,000	8,400	13,000	16,700
	COP @ 5°F	1.8	1.8	1.75	1.75
	HSPF2 (IV)/HSPF2 (V)	9.0/7.1	9.2/7.2	9.0/7.8	9.0/7.8
Operating Range	Cooling w/o Wind Baffle °F (°C)	23°F~115°F (-5~46°C)	23°F~115°F (-5~46°C)	23°F~115°F (-5~46°C)	23°F~115°F (-5~46°C)
	Cooling w/ Wind Baffle °F (°C)*	-4°F~115°F (-20~46°C)	-4°F~115°F (-20~46°C)	-4°F~115°F (-20~46°C)	-4°F~115°F (-20~46°C)
	Heating °F(°C)	-4°F~75°F (-20~24°C)	-4°F~75°F (-20~24°C)	-4°F~75°F (-20~24°C)	-4°F~75°F (-20~24°C)
Outdoor Unit	Maximum Fuse Size A	15	15	25	30
	Minimum Circuit Amp A	12	12	18	23
	Outdoor Noise Level dB	48	50	59	60
	Dimension: Height in (mm)	21 3/4 (553)	21 3/4 (553)	27 7/16 (697)	27 7/16 (697)
	Dimension: Width in (mm)	31 1/2 (800)	31 1/2 (800)	35 (890)	35 (890)
	Dimension: Depth in (mm)	10 7/8 (275)	10 7/8 (275)	13 7/8 (353)	13 7/8 (353)
	Carton Dimension: Height in (mm)	25 1/2 (645)	25 1/2 (645)	31 1/2 (800)	31 1/2 (800)
	Carton Dimension: Width in (mm)	37 5/8 (954)	37 5/8 (954)	41 1/4 (1046)	41 1/4 (1046)
	Carton Dimension: Depth in (mm)	16 1/8 (409)	16 1/8 (409)	18 1/8 (460)	18 1/8 (460)
	Weight Ship/Net - lbs (kg)	76.1/63.5 (34.5/28.8)	82.2/69.7 (37.3/31.6)	117.5/100.0 (53.3/45.3)	119.9/102.3 (54.4/46.4)
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto	5 + Auto
	Cooling Airflow CFM (Turbo/High/Med/Low/Quiet)	421/332/292/242/200	426/360/310/265/200	596/532/478/422/340	846/744/668/592/482
	Heating Airflow CFM (Turbo/High/Med/Low/Quiet)	421/332/292/242/200	426/360/310/265/200	596/506/451/399/318	846/707/631/560/451
	Indoor Motor Speed Cooling (RPM)	1250/1050/950/850/750	1250/1100/1000/900/750	1300/1150/1050/950/800	1300/1150/1050/950/800
	Indoor Motor Speed Heating (RPM)	1200/970/870/770/700	1200/1020/920/820/700	1300/1100/1000/900/750	1300/1100/1000/900/750
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/36/33/29/26	42/38/34/31/26	50/46/44/40/35	54/50/47/44/38
	Dimension: Height in (mm)	11 7/8 (301)	11 7/8 (301)	12 7/8 (327)	13 1/4 (337)
	Dimension: Width in (mm)	33 3/4 (856)	33 3/4 (856)	39 3/8 (999)	44 (1115)
	Dimension: Depth in (mm)	7 3/4 (196)	7 3/4 (196)	8 3/4 (223)	9 (230)
	Carton Dimension: Height in (mm)	15 3/8 (389)	15 3/8 (389)	16 1/2 (420)	17 (432)
	Carton Dimension: Width in (mm)	37 1/2 (952)	37 1/2 (952)	43 3/8 (1100)	47 3/8 (1202)
	Carton Dimension: Depth in (mm)	11 1/8 (283)	11 1/8 (283)	12 3/8 (313)	12 5/8 (319)
	Weight Ship/Net - lbs (kg)	26.9/21.2 (12.2/9.6)	26.9/21.2 (12.2/9.6)	34.8/28.1 (15.8/12.7)	43/34.9 (19.5/15.8)
	Connections	Flare	Flare	Flare	Flare
Refrigerant Lines	Liquid O.D. in	1/4	1/4	1/4	1/4
	Suction O.D. in	3/8	3/8	1/2	1/2
	Factory Charge Oz	32.8	40.6	49.4	51.2
	Maximum Line Length Ft/m	66/20	66/20	83/25	83/25
	Maximum Height Ft/m	33/10	33/10	50/15	50/15

*Cooling below 23°F (-5°C) requires wind baffle.