












Single Zone Systems



Scan this code with your smart device to learn more about Tempo mini-splits.

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

- | | |
|--|---|
|  <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> |

Specifications

Compressor Type:

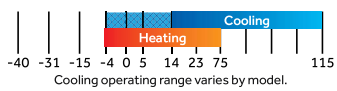
DC Inverter Driven Rotary

Voltage/Cycle/Phase:

115/60/1:
09TE1, 12TE1

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

Operating Range (°F):



		115V		208-230V			
		09TE1	12TE1	09TE2	12TE2	18TE2	24TE2
Outdoor Unit	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
Cooling	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
	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./hr	2.5	3.4	2.3	3.4	4.2	5.9
	Heating	Rated Heating Capacity 47°F Btu/hr	10,000	12,000	10,000	12,000	19,000
COP 47°F		3.25	2.93	4.15	3.79	3.22	3.22
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 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
Operating Range	Rated Power Input W	850	1,000	750	980	1,700	2,400
	HSPF	9.0	9.0	10.0	10.0	9.0	9.0
Cooling °F (°C)	Heating °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 (-17~46°C)	0~115°F (-17~46°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).

Single Zone Systems



-40°F Low Ambient Cooling



Tempo Series low ambient models offer efficiency and value with outstanding inverter technology performance. Capable of heating down to -4°F (-20°C), and with additional accessories and requirements, cooling down to -40°F (-40°C) up to 115°F (46°C). Available with capacities of 24k, 30k, and 36k.

Key Features

- | | |
|---|---|
| <p>DC INVERTER
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>-40°F COOLING
Low ambient cooling down to -40°F (-40°C)</p> | <p>BLUE FIN
A hydrophilic aluminum fin ensures condensing water flows smoothly</p> |
| <p>EASY INSTALLATION CLIP
Built-in bracket allows more room to install and service</p> | <p>WARM START
Ensures the fan will not blow cold air during heating mode startup</p> |
| <p>QUIET MODE
Minimizes indoor noise while maintaining comfort levels</p> | <p>TURBO MODE
Cools or heats the room quickly</p> |
| <p>2-WAY PIPING DRAIN
Right or left side drain configuration simplifies installation</p> | <p>DRY
DRY FUNCTION
Reduces indoor humidity level</p> |
| <p>AUTO LOUVER
Adjusts airflow upward when cooling, or downward when heating</p> | <p>CHILD LOCK
Prevents unintended and unsupervised use</p> |



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Specifications

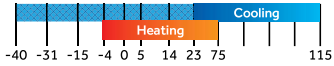
Compressor Type:

DC Inverter Driven Rotary

Voltage/Cycle/Phase:

208-230/60/1:

Operating Range (°F):



Cooling operation below 23°F requires additional accessories: Front wind baffle model UAWB46A; Back and Side wind baffle (Snow hood) model UAWB82A



	24TL2	30TL2	36TL2	
Outdoor Unit	1U24TL2HFA	1U3036TL2HFA	1U3036TL2HFA	
UPC	084691882459	084691882466	084691882466	
Indoor Unit	AW24TL2HFA	AW30TL2HFA	AW36TL2HFA	
UPC	084691882534	084691882541	084691882558	
Cooling	Rated Capacity Btu/hr	23,000	30,000	33,000
	Capacity Range Btu/hr	6,000-25,000	7,000-32,000	8,000-36,000
	SEER/EER	20.0/11.0	18.0/9.5	17.5/8.0
	-40°F Cooling w/dip switch + Wind Baffle and Snow Hood Btu/hr	23,000	30,000	33,000
	Moisture Removal Pt./h	3.60	5.20	7.30
Heating	Rated Heating Capacity 47°F Btu/hr	26,000	31,000	35,000
	COP 47°F	3.6	3.3	3.0
	Heating Capacity Range Btu/hr	6,000-28,000	7,000-34,000	8,000-39,000
	HSPF	10.0	9.5	9.5
	Max. Heating Capacity 5°F Btu/hr	24,000	24,800	24,600
	COP 5°F	1.75	1.75	1.75
Max. Heating Capacity -4°F Btu/hr	12,900	18,600	21,000	
Operating Range	Cooling w/o Wind Baffle °F(°C)	23-115°F (-5-46°C)	23-115°F (-5-46°C)	23-115°F (-5-46°C)
	Cooling w/Wind Baffle °F(°C)	-4-115°F (-20-46°C)	-4-115°F (-20-46°C)	-4-115°F (-20-46°C)
	Cooling w/dip switch + Wind Baffle and Snow Hood °F(°C)	-40-115°F (-40-46°C)	-40-115°F (-40-46°C)	-40-115°F (-40-46°C)
	Heating °F(°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	40	40	40
	Minimum Circuit Amp A	30	30	30
	Outdoor Noise Level dB	61	62	62
	Dimension: H x W x D in (mm)	30 (762) x 36 1/4 (920) x 15 1/8 (385)	30 (762) x 36 1/4 (920) x 15 1/8 (385)	30 (762) x 36 1/4 (920) x 15 1/8 (385)
	Weight Ship/Net - lbs (kg)	165/145 (75/65.5)	165/145 (75/65.5)	165/145 (75/65.5)
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5 + Auto
	Indoor Motor Speed (Turbo/High/Med/Low/Quiet)	1150/1100/950/800/700	1200/1150/975/800/700	1250/1200/1000/800/700
	Airflow CFM (Turbo/High/Med/Low/Quiet)	810/750/635/520/440	875/810/660/520/440	920/875/700/520/440
	Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	53/52/47/42/38	55/53/49/43/38	56/54/50/44/40
	Dimension: H x W x D in (mm)	14 1/2 (365) x 51 7/8 (1316) x 10 7/8 (275)	14 1/2 (365) x 51 7/8 (1316) x 10 7/8 (275)	14 1/2 (365) x 51 7/8 (1316) x 10 7/8 (275)
	Weight Ship/Net - lbs (kg)	56.2/46.3 (25.5/21)	56.2/46.3 (25.5/21)	56.2/46.3 (25.5/21)
Refrigerant Lines	Connections	Flare	Flare	Flare
	Liquid O.D. in	3/8	3/8	3/8
	Suction O.D. in	5/8	5/8	5/8
	Factory Charge Oz	84.7	84.7	84.7
	Maximum Line Length Ft / m	165/50	165/50	165/50
	Maximum Height Ft / m	100/30	100/30	100/30