



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

### Key Features\*

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

\*Features vary by individual models.

# Single Zone Systems

## Highwall Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

**Voltage/Cycle/Phase:**  
115/60/1:  
09TE1, 12TE1  
208-230/60/1:  
09TE2, 12TE2, 18TE2, 24TE2



		115V		208-230V			
		09TE1	12TE1	09TE2	12TE2	18TE2	24TE2
<b>Outdoor Unit</b>	Model	1U09TE1VHA	1U12TE1VHA	1U09TE2VHA	1U12TE2VHA	1U18TE2VHA	1U24TE2VHA
	UPC	688057408170	688057408194	084691855330	084691855354	688057408217	688057408231
<b>Indoor Unit</b>	Model	AW09TE1VHA	AW12TE1VHA	AW09TE2VHA	AW12TE2VHA	AW18TE2VHA	AW24TE2VHA
	UPC	688057408163	688057408187	084691855323	084691855347	688057408200	688057408224
<b>Cooling</b>	Rated Capacity Btu/hr	9,000	12,000	9,000	12,000	17,800	22,600
	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
	SEER/SEER2	16.0/17.5	16.0/17.0	18.0/--	18.0/--	18.0/--	18.0/--
	EER/EER2	11.0/10.5	11.0/9.5	11.0/--	11.0/--	10.0/--	10.0/--
	Moisture Removal Pt./hr	2.5	3.4	2.3	3.4	4.2	5.9
<b>Heating</b>	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
	Max. Heating Capacity 5°F Btu/hr	6,900	8,930	6,000	8,500	13,600	16,400
	HSPF/HSPF2 (IV)/HSPF2 (V)	9.0/9.5/7.2	9.0/9.0/6.8	10.0/--/--	10.0/--/--	10.5/--/--	10.0/--/--
<b>Operating Range</b>	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)
<b>Outdoor Unit</b>	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)
<b>Indoor Unit</b>	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)
<b>Refrigerant Lines</b>	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

\*Cooling below 23°F (-5°C) requires wind baffle. Please refer to technical literature for model compatibility and instructions.

## Highwall Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

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

### NEW 2023



		09TE2	12TE2	18TE2	24TE2	
Outdoor Unit	Model	1U09TE2HDA	1U12TE2HDA	1U18TE2HDA	1U24TE2HDA	
	UPC	084691914334	084691914341	084691882435	084691882442	
Indoor Unit	Model	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	
	SEER/SEER2	18.0/19.0	18.0/19.0	19.0/19.0	19.0/19.0	
	EER/EER2	11.0/11.0	11.0/11.0	11.0/11.0	9.5/9.5	
	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	
HSPF/HSPF2 (IV)/HSPF2 (V)	10.0/9.0/7.1	10.0/9.2/7.2	10.0/9.0/7.8	10.0/9.0/7.8		
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 1/8 (800)	31 1/8 (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 (34.5)/63.5 (28.8)	82.2 (37.3)/69.7 (31.6)	117.5/100.0 (53.3/45.3)	119./102.3 (54.4/46.4)	
Indoor Unit	Fan Speed Stages	5 + Auto	5 + Auto	5	5	
	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)	8 3/4 (223)	9 (230)	
	Dimension: Width in (mm)	33 3/4 (856)	33 3/4 (856)	39 3/8 (999)	43 (1115)	
	Dimension: Depth in (mm)	7 3/4 (196)	7 3/4 (196)	12 7/8 (327)	13 1/4 (337)	
	Carton Dimension: Height in (mm)	15 3/8 (389)	15 3/8 (389)	12 3/8 (313)	12 3/8 (313)	
	Carton Dimension: Width in (mm)	37 1/2 (952)	37 1/2 (952)	43 3/8 (1100)	43 3/8 (1100)	
	Carton Dimension: Depth in (mm)	11 1/8 (283)	11 1/8 (283)	16 1/2 (420)	16 1/2 (420)	
	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)	
	Refrigerant Lines	Connections	Flare	Flare	Flare	Flare
		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. Please refer to technical literature for model compatibility and instructions.

# Single Zone Systems

## -40°F Low Ambient Cooling

## Specifications



**Compressor Type:**  
DC Inverter Driven Rotary

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



	24TL2	30TL2	36TL2	
<b>Outdoor Unit</b>	<b>1U24TL2HFA</b>	<b>1U3036TL2HFA</b>	<b>1U3036TL2HFA</b>	
UPC	084691882459	084691882466	084691882466	
<b>Indoor Unit</b>	<b>AW24TL2HFA</b>	<b>AW30TL2HFA</b>	<b>AW36TL2HFA</b>	
UPC	084691882534	084691882541	084691882558	
<b>Cooling</b>	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/SEER2	20.0/20.0	18.0/18.0	17.5/17.5
	EER/EER2	11.0/11.0	9.5/9.5	8.0/8.0
	23°F Cooling Without Wind Baffle	18,400	24,000	26,400
	-4°F Cooling with Wind Baffle	23,000	30,000	33,000
	-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	
<b>Heating</b>	Heating Capacity Range Btu/hr	6,000-28,000	7,000-34,000	8,000-39,000
	Rated Heating Capacity 47°F Btu/hr	26,000	30,600	35,000
	Max. Heating Capacity 5°F Btu/hr	21,800	21,800	22,000
	COP 5°F	1.75	1.75	1.75
	Max. Heating Capacity -4°F Btu/hr	12,900	18,600	20,000
HSPF/HSPF2 (IV)/HSPF (V)	10.0/9.5/7.7	9.5/9.0/7.2	9.5/9.0/7.0	
<b>Operating Range</b>	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)
<b>Outdoor Unit</b>	Maximum Fuse Size A	30	30	30
	Minimum Circuit Amp A	27	27	27
	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)
	Carton Dimension: H x W x D in (mm)	34 1/8 (868) x 42 3/4 (1085) x 19 1/8 (485)	34 1/8 (868) x 42 3/4 (1085) x 19 1/8 (485)	34 1/8 (868) x 42 3/4 (1085) x 19 1/8 (485)
Weight Ship/Net - lbs (kg)	165/145 (75/65.5)	165/145 (75/65.5)	165/145 (75/65.5)	
<b>Indoor Unit</b>	Fan Speed Stages	5	5	5
	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)
	Carton Dimension: H x W x D in (mm)	18 7/8 (478) x 55 7/8 (1418) x 15 7/8 (402)	18 7/8 (478) x 55 7/8 (1418) x 15 7/8 (402)	18 7/8 (478) x 55 7/8 (1418) x 15 7/8 (402)
	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)
<b>Refrigerant Lines</b>	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	
<b>Accessories</b>	Wind Baffle	UAWB46A	UAWB46A	UAWB46A
	Snow Hood	UAWB82A	UAWB82A	UAWB82A

\*Cooling below 23°F (-5°C) requires wind baffle. Cooling down to -40°F requires wind baffle, snow hood and dip switch change. Please refer to technical literature for instructions