

SINGLE ZONE SOLUTIONS



Caliber 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.



EASIER TO: DO THE JOB

SMARTHQ SERVICE

SmarterHQ Service gives contractors the ability to diagnose and solve issues quickly and effectively.

EASY ACCESS PCB

PCB pops out for quick component and wiring checks, without removing the casing!

DETACHABLE BOTTOM COVER

Easy contractor access for connecting advanced diagnostic service tools.

EASY INSTALLATION CLIP

Built-in bracket allows more room to install and service.

2-WAY PIPING DRAIN

Right or left side drain configuration simplifies installation.

MOUNTING TEMPLATE

Printed cardboard mounting template is convenient for single-person installation.

MOUNTING PLATE WITH DIMENSIONS

Get the centerline of the line set and drain opening in the right location, each time and every time.

EASIER TO: CLOSE THE SALE

SMARTHQ HOME

Built-In WiFi allows homeowners to monitor status, adjust temperature, and set cooling and heating schedules from anywhere using their smartphone.

DC INVERTER TECHNOLOGY

Latest high efficiency DC Inverter technology provides high efficiency systems that lower homeowner's energy bills.

BLUE FIN

A hydrophilic aluminum fin, ensures condensing water flows smoothly.

5 OPERATING MODES

Turbo mode cools or heats the room quickly while quiet mode minimizes indoor noise while maintaining comfort levels.

WARM START

Ensures the fan will not blow cold air during heating mode startup.

Note: Features vary by individual models.





HIGH WALL SPECIFICATIONS

COMPRESSOR TYPE:
DC Inverter Driven Rotary

VOLTAGE/CYCLE/PHASE:
115/60/1:
(09/12)CRA
208-230/60/1:
(09/12/18/24)CRD



	09CRA	12CRA	09CRD	12CRD	18CRD	24CRD	
Outdoor Unit	ASH109CRAWA	ASH112CRAWA	ASH109CRDWA	ASH112CRDWA	ASH118CRDWA	ASH124CRDWA	
UPC	084691850342	084691850366	084691855293	084691855316	084691850380	084691850403	
Indoor Unit	ASYW09CRAWA	ASYW12CRAWA	ASYW09CRDWA	ASYW12CRDWA	ASYW18CRDWA	ASYW24CRDWA	
UPC	084691850335	084691850359	084691855286	084691855309	084691850373	084691850397	
Cooling	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	18.0/17.5	18.0/17.0	18.0/--	18.0/--	18.0/--	18.0/--
	EER/EER2	10.5/10.5	10.0/9.5	11.0/--	11.0/--	10.0/--	10.0/--
	Moisture Removal Pt./hr	2.5	3.4	2.3	3.4	4.2	5.9
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
	Max. Heating Capacity 5°F Btu/hr	6,900	8,930	6,000	8,500	13,600	16,400
	HSPF/HSPF2 (IV)/HSPF2 (V)	11.0/9.5/7.2	11.0/9.0/6.8	10.0/--/--	10.0/--/--	10.5/--/--	10.0/--/--
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

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



HIGH WALL SPECIFICATIONS

COMPRESSOR TYPE:
DC Inverter Driven Rotary

VOLTAGE/CYCLE/PHASE:
208-230/60/1:



		09CRD	12CRD	18CRD	24CRD
Outdoor Unit	ASH109CRDDA	ASH112CRDDA	ASH118CRDDA	ASH124CRDDA	
	UPC 084691914310	084691914327	084691882473	084691882480	
Indoor Unit	ASYW09CRDDA	ASYW12CRDDA	ASYW18CRDDA	ASYW24CRDDA	
	UPC 084691885962	084691885979	084691882565	084691882572	
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
	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)
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	

*Please refer to technical literature for model compatibility and instructions.



HIGH WALL -40°F LOW AMBIENT COOLING SPECIFICATIONS

Compressor Type:
DC Inverter Driven Rotary

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



		24TRD	30TRD	36TRD
	Outdoor Unit	ASH124TRDFA	ASH3036TRDFA	ASH3036TRDFA
	UPC	084691882497	084691882503	084691882503
	Indoor Unit	ASYW24TRDFA	ASYW30TRDFA	ASYW36TRDFA
	UPC	084691882589	084691882596	084691882602
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
	SEER2	20.0	18.0	17.5
	EER2	11.0	9.5	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
Heating	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
	HSPF2 (IV)/HSPF2 (V)	9.5/7.7	9.0/7.2	9.0/7.0
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	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)
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)
	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)
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
Accessories	Wind Baffle	UAWB46A	UAWB46A	UAWB46A
	Snow Hood	UAWB82A	UAWB82A	UAWB82A

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