

AIRREX[®]

PORTABLE CLIMATE SOLUTIONS



HEPHZIBAH[®]

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HSC-12 AIR COOLED & DEHUMIDIFICATION

Features

- 12,000 Btu/h Cooling
- 115V/1Ph/12A
- Operating Range 65-104°F
- 5" Cold Air Nozzle
- 10" Exhaust
- Optional Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 400 sq. ft.



HSC-14 AIR COOLED & DEHUMIDIFICATION

Features

- 13,600 Btu/h Cooling
- 115V/1Ph/13A
- Operating Range 65-113°F
- (2) 5" Cold Air Nozzles
- 12" Exhaust
- Optional Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 500 sq. ft.



AHSC-14 HEATPUMP SYSTEM & DEHUMIDIFICATION

Features

- 13,600 Btu/h Cooling
- 15,000 Btu/h Heating
- 115V/1Ph
Cool : 11.8A
Heat : 11.9A
- Operating Range
Cool : 65-113°F
Heat : 50-81°F
- Louvered Grille
- 12" Exhaust
- Optional Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 500 sq. ft.



AHSC-18 HEATPUMP SYSTEM & DEHUMIDIFICATION

Features

- 16,800 Btu/h Cooling
- 18,500 Btu/h Heating
- 115V/1Ph
Cool : 15.9A
Heat : 16A
- Operating Range
Cool : 65-113°F
Heat : 50-81°F
- Louvered Grille
- 12" Exhaust
- Optional Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 600 sq. ft.



HSC-18 AIR COOLED & DEHUMIDIFICATION

Features

- 16,800 Btu/h Cooling
- 115V/1Ph/17A
- Operating Range 65-113°F
- (2) 5" Cold Air Nozzles
- 12" Exhaust
- Optional Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 600 sq. ft.



HWC-19 WATER COOLED & DEHUMIDIFICATION

Features

- 18,200 Btu/h Cooling
- 115V/1Ph/12A
- Operating Range 65-113°F
- (2) 5" Cold Air Nozzles
- Includes Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 600 sq. ft.



HSC-24A AIR COOLED & DEHUMIDIFICATION

Features

- 23,500 Btu/h Cooling
- 220V/1Ph/12.6A
- Operating Range 65-113°F
- (2) 5" Cold Air Nozzles
- 16" Flared Exhaust
- Optional Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 800 sq. ft.



HSC-36B AIR COOLED & DEHUMIDIFICATION

Features

- 36,000 Btu/h Cooling
- 220V/1Ph/21.9A
- Operating Range 68-113°F
- (2) 7" Cold Air Nozzles
- 16" Exhaust
- Includes Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 1,200 sq. ft.



HSC-60 AIR COOLED & DEHUMIDIFICATION

Features

- 60,000 Btu/h Cooling
- 220V/1Ph/39A
- 220V/3Ph/23.5A
- 480V/3Ph/12.6A
- Operating Range 68-113°F
- (2) 7" Cold Air Nozzles
- 16" Exhaust
- Includes Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 2,000 sq. ft.



HSC-70 AIR COOLED & DEHUMIDIFICATION

Features

- 84,000 Btu/h Cooling
- 480V/3Ph/15.4A
- Operating Range 68-113°F
- (2) 7" Cold Air Nozzles
- 16" Exhaust
- Includes Condensate Pump
- Spot and Room Settings
- R-410A
- Covers up to 2,800 sq. ft.



HEPA-2000 HEPA FILTRATION MACHINE

Features

- 2,000 CFM
- 115V/1Ph/15 AMPS
- 3 Stage Filtration
- Removes up to 99.97% Airborne Particles
- Covers up to 2,000 sq. ft.

Indoor Use

Fresh air from outside

Scattered dust is inhaled, and negative pressure is formed indoor

Filtrated clean air is discharged

Outdoor Use

Filtrated clean air is discharged

Fresh air from outside

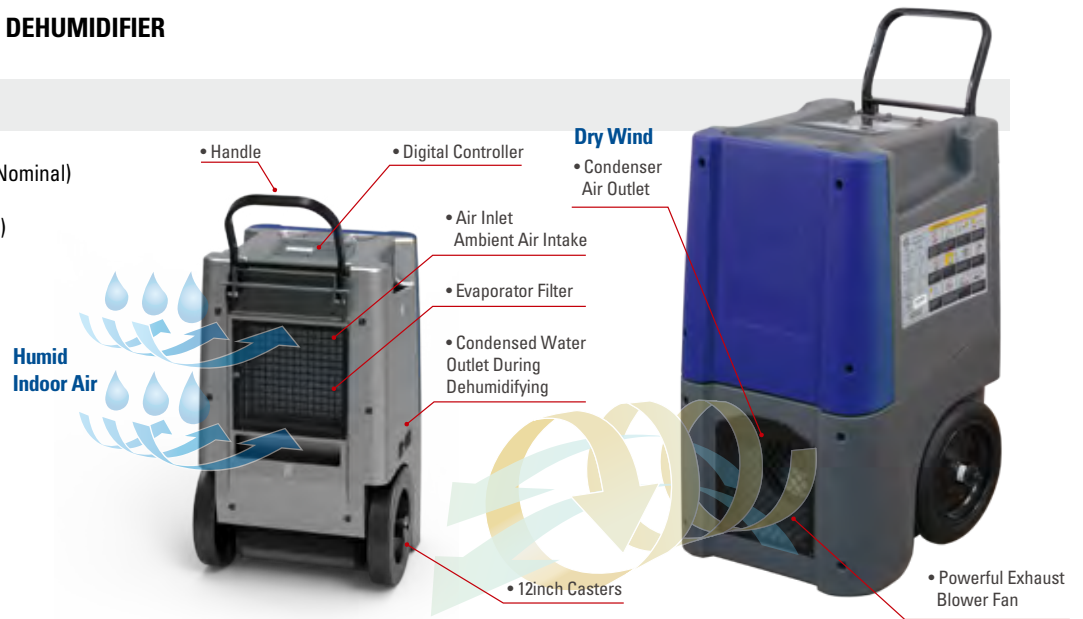




ADH-8000 PORTABLE DEHUMIDIFIER

Features

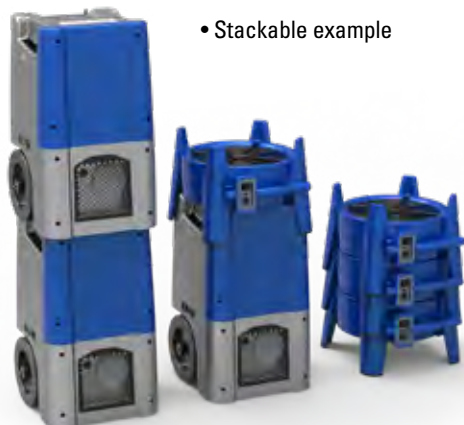
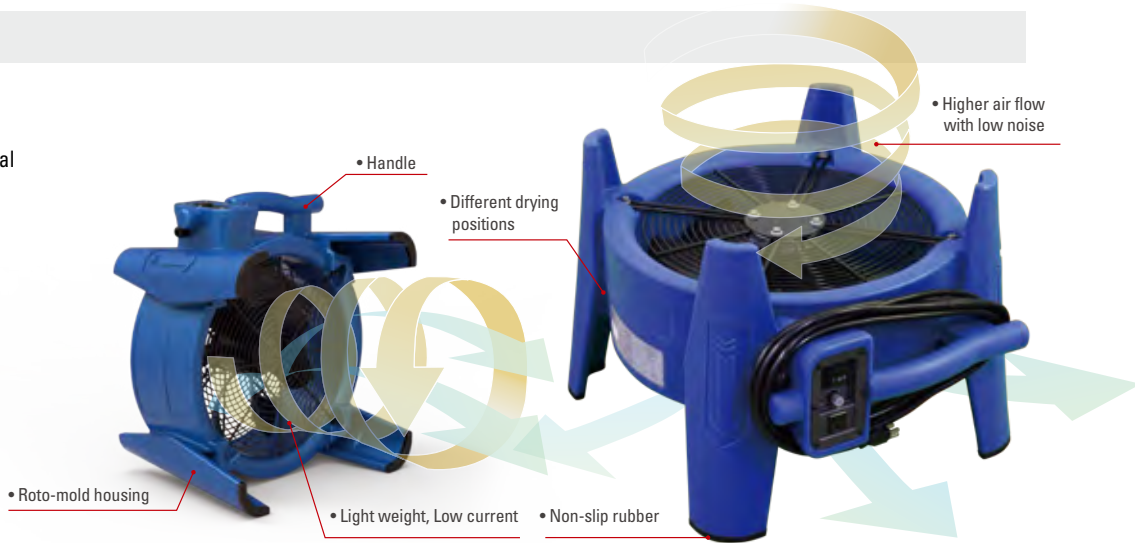
- 25.4gal/day(Max) 15.9gal/day(Nominal)
- 115V/1Ph/10.25A
- Operating 33°F ~ 100°F (1~38°C)
- 1.17kW
- 10.25A
- 60dB
- R-410A



AF-2300 AXIAL FAN

Features

- High: 1.4A / Low: 1.13A
- 115V/1Ph
- 16 inch Dia. / 7 blade / Integral
- High: 62.5dB / Low: 54.2dB
- 27 lbs
- High: 1,932CFM(54.7CMM)
- Low: 1,417CFM(40.1CMM)



• Airrex AF-2300 is perfect solution with ADH-8000 in restoration against flood.



AHSC-42 AIR COOLED HEATPUMP SYSTEM & DEHUMIDIFICATION

Features

- 42,000 Btu/h Cooling
- 47,000 Btu/h Heating
- 220V/1Ph
 - Cool : 20.8A
 - Heat : 20.6A
- Operating Range
 - Cool : 65-113°F
 - Heat : 50-81°F
- (1) 12" Supply Duct
- (1) 16" Return Duct
- R-410A
- Covers up to 1,400 sq. ft.
- Outdoor and Indoor Use
- Optional External Condensate Pump



AHSC-60 AIR COOLED HEATPUMP SYSTEM & DEHUMIDIFICATION

Features

- 60,000 Btu/h Cooling
- 60,000 Btu/h Heating
- 460V/3Ph
 - Cool : 10.6A
 - Heat : 9.7A
- 220V/1Ph
 - Cool : 33.7A
 - Heat : 42.3A
- Operating Range
 - Cool : 65-113°F
 - Heat : 50-81°F
- (1) 12" Supply Duct
- (1) 16" Return Duct
- R-410A
- Covers up to 2,000 sq. ft.
- Outdoor and Indoor Use
- Optional External Condensate Pump



AHSC-140 AIR COOLED ELECTRIC HEAT SYSTEM & DEHUMIDIFICATION

Features

- 145,000 Btu/h Cooling
- 100,000 Btu/h Heating
- 460V/3Ph
 - Cool : 31A
 - Heat : 43A
- 220V/3Ph
 - Cool : 50.2A
 - Heat : 76.9A
- Operating Range
 - Cool : 65-113°F
 - Heat : 50-81°F
- (2) 16" Supply
- (2) 16" Return
- 20" Exhaust
- R-410A
- Covers up to 4,800 sq. ft.
- Outdoor and Indoor Use
- Included Condensate Pump





PORTABLE DEHUMIDIFIER



SPECIFICATIONS

Items	Unit	ADH-8000		
Power Supply	Volts	115Vac 60Hz 1Ph		
Dehumidification	Max.	25.4 gal/day		
	Nominal	15.9 gal/day		
Power Consumption	kW	17.7		
Current Consumption	A	10.25		
Refrigerant	lbs	R-410A(1.43)		
Decibel Level	dB	60		
Motor Compressor	RLA	8.5A	LRA	38A
Motor	FLA	2.1A	HP	0.32A
High Pressure	psi	441		
Low Pressure	psi	128		
Size(WXDXH)	inch	20 X 20 X 33.5		
Weight	lbs	123		
Operating Temp	°F	33°F ~ 100°F (1 ~ 38°C)		
Air Flow	CFM	High:554 / Low:392		

PORTABLE AIR CONDITIONER



SPECIFICATIONS

Items	Unit	HWC-19	HSC-12L	HSC-14	HSC-18	HSC-24A
Cooling Capacity	Btu/h	18,200	12,000	13,600	16,800	23,500
Heating Capacity	Btu/h	-	-	-	-	-
Power Supply	Volts	115Vac 60Hz 1Ph				220Vac
Size (WXDXH)	inch	17.7 X 22.8 X 42	16.5 X 24.4 X 40.3	19.3 X 23.6 X 46.8	19.3 X 23.6 X 49.8	19.3 X 23.6 X 51.3
Weight	lbs	163	129	167	180	199
Current Consumption(AMPS)	A	12.6	12	13	17	12.6
Circuit Breaker Size(AMPS)	A	15	15		20	15
Rated Power Consumption	kW	1.5	1.34	1.5	1.95	2.74
Compressor Input	kW	1.45	1.0	1.13	1.45	2.3
Air Flow(CMP,High/Low) Evaporator	CFM	514/450	395/362	440/380	460/400	460/400
Air Flow(CMP,High/Low) Condenser	CFM	-	680	777	920	1,060
Motor Input	kW	0.27	0.23	0.16	0.38	0.44
Air Filter		Aluminum Filter	Vinyl Chloride	Aluminum Filter		
Dehumidification(Max)	gal/day (89°F80%)	-	11.4	13.3	19	22.8
Dehumidification(AHAM)	gal/day (89°F80%)	-	7.6	8.9	13.3	15.9
Safety Device	-	High Pressure Switch / Fan Motor Protection / 3min. Delay Timer / Low Pressure Switch / Automatic Full Tank Shut-Off / Thermostat Protector for Compressor/ Tank Position Detector (Condensate pump optional)				
Static Pressure	psi	0.042				0.042
Power Cord	type	Plug Type (LCDI)	Plug Type (LCDI)			
Power Cord Length	ft	9.8	6.6	9.8		9.8
Decibel(Hi/Low with Duct)	db	56/55	57/55	59/57	60/58	61/59
Exhaust Size	inch	(Water Flow at 85°F : GPM 3.96)	10	12		16 flared
Condensate Pump	-	Optional	Optional			
Refrigerant (Rated Charge)	lbs	R-410A(1.32)	R-410A(1.54)	R-410A(1.33)	R-410A(1.76)	R-410A(2.97)
Operating Conditions	°F	72°F DB60%RH ~113°F 40%RH	Cooling: 65°F DB60%RH ~104°F 40%RH	Cooling: 65°F DB60%RH ~ 113°F 40%RH		
		-	Dehumidifier: 59°F 60%RH ~ 113°F DB 40%RH			
Maximum Duct Length (Supply/Exhaust)	ft	30	30/30			
Nema Plug	GPM		5-15		5-20	6-20

AXIAL FAN



SPECIFICATIONS

Items	Unit	AF-2300
Power Supply	Volts	115Vac 60Hz 1Ph
Current Consumption	A	High:1.4 / Low:1.13
Fan Type	-	Axial Fan
Fan Blade	-	16 inch Dia./7 blade/Integral
Decibel	dB	High:62.5 / Low:54.2
Weight	lbs	27
Power Socket	-	Y
Air Flow	CFM	High: 1,932 (54.7 CMM)
	CFM	Low: 1,417 (40.1C MM)
Size (WXDXH)	inch	20 X 22 X 15.7
Case	-	Roto-mold housing
Certification	-	ETL / CSA

PORTABLE AIR SCRUBBER



SPECIFICATIONS

Items	Unit	HEPA-2000
Power Supply	Volts	115Vac 60Hz 1Ph
Air Flow	CFM	High: 1,950
	CFM	Low: 1,410
Power Consumption	kW	High: 1.25
	kW	Low: 1.06
Weight	lbs	132
Size (WXDXH)	inch	28.5 X 30 X 30

ACCESSORIES



Evap plenum



Cond plenum



Flexible Duct (Twist&Lock)
Dia.5 inch x 1.6ft



Flexible Duct (Twist&Lock)
Dia.7 inch x 1.6ft
HSC-36B,60,70

Heat Pump



HSC-36B	HSC-60	HSC-70	AHSC-14	AHSC-18	AHSC-42	AHSC-60		AHSC-140	
36,000	60,000	84,000	13,600	16,800	42,000	60,000		145,000	
-	-	-	15,000	18,500	47,000	60,000		100,000	
60Hz 1Ph	220Vac 60Hz 1Ph 220Vac 60Hz 3Ph 480Vac 60Hz 3Ph	480Vac 60Hz 3Ph	115Vac 60Hz 1Ph		220Vac 60Hz 1Ph	220Vac 60Hz 1Ph	480Vac 60Hz 3Ph	220Vac 60Hz 3Ph	480Vac 60Hz 3Ph
29.1 X 33 X 54.5	29.1 X 55.1 X 58.7	29.1 X 55.1 X 58.7	19.3 X 23.6 X 46.8	19.5 X 26.6 X 52.2	29.1 X 57.1 X 50		33.9 X 72.8 X 65.2		
401	706	705	178	206	553	586	586	1,377	1,351
21.9	39 (220Vac 1Ph) 23.5(220Vac 3Ph) 12.6(480Vac 3Ph)	15.4	11.8 (Cool)	15.9 (Cool)	20.8 (Cool)	33.7 (Cool)	10.6 (Cool)	50.2 (Cool)	30 (Cool)
30	50/30/15	20	11.9 (Heat)	16.0(Heat)	20.6 (Heat)	42.3 (Heat)	9.7 (Heat)	76.9 (Heat)	40.5 (Heat)
30	50/30/15	20	15	20	30	60	15	120	50
4.62	9.0/10.4(480V)	12.8	1.5(Cool) / 1.13 (Heat)	1.83(Cool) / 1.84 (Heat)	4.5(Cool) / 4.5(Heat)	7.12(Cool) / 6.96(Heat)	6.9(Cool) / 6.1(Heat)	19.1(Cool) / 29.3(Heat)	24(Cool) / 32(Heat)
3.6	5.6	7.65	1.13	1.45	3.9	5.7		12.3	
943	1,940	2,200	440/380	424/360	1,290	1,620		3,530	
1,760	2,830	3,200	777	920	2,580	3,240		7,000	
1.2	2.0	2.2	0.16	0.38	1.1	1.5		5.75	
Aluminum Filter								20" x 24" x 2" (2)	
39.3	69.7	88.7	16.5	22.2	58.8	76.7		124.8	
26.3	46.7	59.4	11.5	13.5	40.56	52.8		86.16	

High Pressure Switch / Fan Motor Protection / 3min. Delay Timer / Low Pressure Switch / Thermostat Protector for Compressor

0.042	0.071		0.042		0.071		
Plug Type (LCDI)	Terminal Type		Plug Type (LCDI)		Terminal Type		Cam lock
9.8	Terminal Type (Optional)		9.8		Terminal Type (Optional)		Cam lock
63/63	65	65	50/59	59/56	65	75	80
16			12		12" Supply "16 Return (Optional 20" reducer for top)		20Exhaust 16 Supply(x2) 16 Return(x2)
Included			Optional		Optional External Condensate Pump		Included
R-410A(5.07)	R-410A(7.72)	R-410A(8.82)	R-410A(1.33)	R-410A(2.43)	R-410A(6.6)		R-410A(11)
68°F DB60%RH ~ 113°F 40%RH			Cooling: 65°F DB 60%RH ~ 113°F 40% Heating: 50°F 70%RH ~ 81°F 50%		Cooling: 65°F 60%RH ~ 113°F DB 40%RH Heating: 50°F 70%RH ~ 81°F DB 50%RH Dehumidifier: 59°F 60%RH ~ 113°F DB 40%RH		
Dehumidifier: 59°F 60%RH ~ 113°F DB 40%RH							
65/65			30/30		65/30		65/120
6-30	Hardwire	Hardwire	5-15	5-20	Hardwire		Cam lock

※ Designs and specifications of products are subject to change without prior notice for the improvements. The colors of products may be different due to the printing process.



Aluminum Filter for Evaporator



Aluminum Filter for Condenser



Condensed Water Tank (4gal) HSC-12



Condensed Water Tank (5gal) HSC-14/18/24A



Condensed Water Pump Kit

We are continuously working and creating new innovations to help our customers stay cool in the summer and warm in the winter.



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US Electrical Standards
(ETL)



CE Mark

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