WATER COOLED PORTABLE AIR CONDITIONER

HWC-19R

Water Cooled

No Need to Vent

No Need to Vent! Airrex water cooled portable air conditioner!

AIRREX water cooled unit utilizes a constant supply of water instead of outside air to discharge the heat.
Water cooled air conditioners are designed to operate with a closed water loop system.

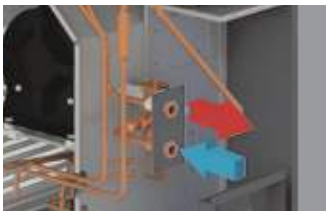
These units have been engineered with a water regulating valve and built in condensate pump.
Applications Include : Hospitals, Kitchens, Production Facilities, and Office Complexes. 1 year warranty and 3 years on compressor.

Strong Points

- Quiet
- Thermostats
- Intensive Air Conditioning
- Movable & Lockable
- Energy saving
- Automatic
- Time Setting
- Certification

Spot Cooling

(2) 5" Nozzles
Directed Cooling (Twist & Lock)
18,200 Btu/h Reduced Noise Level

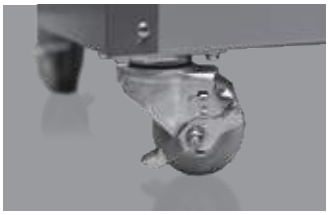


Water Cooled

Water Outlet &
Water inlet

No Need to Vent

Private Harsh
Environments



Mobility

(4) 4" Swivel Casters
(2) Locking Casters

Digital Controls

Programmable Timer Setting
Temperature Range:64°F to 86°F
High/Low Fan Speed

Water Cooled

2.9 gal/min of Condenser Water
Auto Condensate Pump

PORTABLE CLIMATE SOLUTIONS BY AIRREX

US Electrical Standards (ETL)

TEMP-AIR EQUIPMENT SALES
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US Electrical Standards (ETL)

HWC-19R Specifications

SPECIFICATIONS				Water-Cooled
				HWC-19R
Capacity Rating Condition	Cooling	(35℃/95℉ 40%)	Btu/h	18,200 Btu/h
	Heating	(21℃/70℉ 50%)	Btu/h	-
	Dehu	Max. (32℃/89℉ 80%)	gal/day	13
		Nominal (27℃/80℉ 60%)	gal/day	9
Electrical Characteristics	Voltage	60 Hz	Volts	1 Phase, 115 V~,
	Power Consumption	Cooling	kW	1.24
		Heating	kW	-
	Current	Cooling	A	11.9
		Heating	A	-
	Fuse Size		A	15
	Min. - Max. Voltage		V	98 - 127 V~
Power Cord	NEMA Plug		-	5 - 15
	Gauge		-	14 AWG (3-core)
	Length		ft	10
Fans	Indoor	Fan Type	-	Centrifugal
		Cooling Air Volume (High/Low)	CFM	520 / 450
		Heating Air Volume	CFM	-
		Dehu Air Volume	CFM	450
		Max. External Static Pressure	inchH20	0.35
		Max. Equivalent Duct Length	ft	40
		Type / Size	inch	Duct / 5" (Φ125) x 2

Fans	Outdoor	Fan Type	-	-
		Air Volume (High/Low)	CFM	-
		Max. External Static Pressure	inchH20	-
		Max. Equivalent Duct Length	ft	-
		Type / Size	inch	-
Sound Level	With Exhaust Duct	High / Low	dB(A)	-
	Without Exhaust Duct	High / Low	dB(A)	56 / 55
Air Filter	Type	Indoor	-	Alu+SUS mesh
		Outdoor	-	-
Condensate	Tank	Capacity	gal	-
	Auto Pump		-	Included
Refrigerant	Type		-	R-454B (1.11 lbs)
Weight	Net Weight		lbs	163
Dimensions	W x D x H		inch	18 x 23 x 43
Operating Conditions	Min. - Max.	Cooling	℉	65~118 (18~46℃)
		Heating	℉	-
		Dehumidification	℉	65~118 (18~46℃)
Safety Device	High Pressure Switch			O
	Low Pressure Switch			O
	Compressor 3min, Delay Timer			O
	Thermostat Protector for Compressor			O
	Fan Mortor Protection			O
	Automatic Full Tank Shut-Off			-
	Tank Position Dectector			-

※ 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.

The water cooled air conditioners stand out more in inferior inadequate environments.

In work enovironments with surrounding temperatures well over 50℃ where installtion of air-cooling type air conditioners are difficult and or where the installation of outdoor dispensers (exhaust duct) is impossible, the water-cooling type air conditioner is suitable.

TEMP-AIR Sales Office Mailing Address:

2031 Exchange Parkway Ste A, Waco, TX 76712 **877-728-2133** **www.tempairsales.com** **sales@tempairsales.com**