

## Condair RH Series



Features	Benefits
<ul style="list-style-type: none"> <li>• Easy maintenance using disposable cylinder</li> </ul>	<ul style="list-style-type: none"> <li>• Pure, clean, sterile steam humidification using electrode technology</li> <li>• Main maintenance is easy &amp; quick (cylinder replacement)</li> <li>• Extremely efficient boiling process – power consumption is minimized</li> </ul>
<ul style="list-style-type: none"> <li>• Automatic fill and drain cycle</li> </ul>	<ul style="list-style-type: none"> <li>• Standard drain water cooling to 140°F (60°C) means no external equipment required for DWC</li> </ul>
<ul style="list-style-type: none"> <li>• Auto-adaptive control algorithm maximizes cylinder life – developed with over 40 years of experience</li> </ul>	<ul style="list-style-type: none"> <li>• Water consumption is optimized with respect to cylinder life</li> </ul>
<ul style="list-style-type: none"> <li>• Operation with 120V, 208V, or 240V – single phase, 50-60Hz</li> </ul>	<ul style="list-style-type: none"> <li>• Flexibility in supply voltage depending on availability at customer's home</li> </ul>
<ul style="list-style-type: none"> <li>• Most common configuration: steam exit at top of unit for duct-mounted distributor. Also available: in-space with integrated blower pack, as well as remote blower pack</li> </ul>	<ul style="list-style-type: none"> <li>• Various configurations available to suit customers' specific installation needs</li> </ul>
<ul style="list-style-type: none"> <li>• Quiet Drain Valve configuration available for noise-sensitive installations</li> </ul>	<ul style="list-style-type: none"> <li>• QDV option offers the quietest residential steam humidifier on the market</li> </ul>



## Condair RH Series - Competitor Comparison

How does the RH2+ stack up against the competition...



VS.



AprilAire  
800



GeneralAire  
GF-5500



Honeywell  
HM750

Condair RH2+



## Condair RH Series - Competitor Comparison



Manufacturer		Condair	AprilAire	GeneralAire	Honeywell
Model		Condair RH2+	800	GF-5500	HM750
Website		condair.com	aprilair.com	generalaireiaq.ca	honeywell.com
Performance	Dimensions (WxDxH)	11.4" x 6.9" x 21.4"	10.125" x 7.125" x 20.875"	13" X 8.25" X 21"	10" x 7" x 18"
	Available Voltages	110-120V 208V 220-240V	110-120V 208V 220-240V	115V Internal 230V Option Switch	110-120V 220-240V
	Phase / Frequency	1~ / 50-60Hz	1~	1~ / 50-60Hz	1~ / 60Hz
	Maximum Capacity	29 GPD w/ Duct config @ 240V	34.6 GPD w/ 16.0A & 240V	Up to 28.5 GPD w/ 230V power connection	22 GPD w/ HM750 @ 240V
	Capacity Adjustment	Down to 30% output using potentiometer	No	Yes - to 20% of maximum output using UI on front of unit	Down to 30% output using potentiometer
	Control Type	ON/OFF or modulating (move jumper on PCB)	ON/OFF (Models 800 & 865) MOD (Models 801 & 866)	ON/OFF or 0-10V modulating	ON/OFF
	Minimum Output	20% of max output	20% of max output	20% of max output	N/A - ON/OFF only
	User Interface	1 green LED + 1 yellow	Status LEDs	Monochrome LCD	6 LEDs
	Fan Relay	Yes - via humidifier	Yes - via humidifier controller (Model 62)	Yes - via Humidifier controller (GFX4)	Yes - via humidifier
Noise Level		59 dBA @ 1m	78 dBA @ 1m	70 dBA @ 1m	59 dBA @ 1m

23 \* Noise level of RH2+ measured in an accredited testing laboratory, competitors tested in Condair laboratory





## Condair RH Series - Competitor Comparison



Manufacturer		Condair	AprilAire	GeneralAire	Honeywell
Model		Condair RH2+	800	GF-5500	HM750
Plumbing	Drain Water Tempering	140°C (60°F)	140°C (60°F)	140°C (60°F)	140°C (60°F)
	Drain Cycles	Water conductivity regulated by amp draw using patented auto-adaptive control	Timed drains, full drain @ 168 hours if no drain before then	Unknown algorithm Note that if no drain after 120 hours, forced drain is triggered	Water conductivity regulated by amp draw using patented auto-adaptive control
	Inactive Drain	Drain after 72 hours with no demand	Drain after 72 hours with no demand	Drain after 72 hours with no demand	Drain after 72 hours with no demand
	Supply Water Requirements	150-1,200 mS/cm conductivity	125-1,250 mS/cm conductivity	125-1,250 mS/cm conductivity	125-1,200 mS/cm conductivity
	Backflow prevention	Internal air gap	Internal air gap	Internal air gap	Internal air gap
Distributor	Duct Distributor	Tube (standard) with a series of holes Nozzle (optional)	Tube with a series of holes	Tube with a series of holes	Direct duct mount, angled tube with single steam injection orifice
	Space Distributor	Built-on or remote blowerpack available	Remote-mounted grille diffuser	None	None
	Condensate Line	Required	Required	Required	Not Required

## Condair RH Series - Competitor Comparison



Manufacturer		Condair	AprilAire	GeneralAire	Honeywell
Model		Condair RH2+	800	GF-5500	HM750
Maintenance	Maintenance	Cylinder replacement Clean drain valve	Cylinder replacement Clean drain valve Fill valve strainer	Cylinder replacement Clean fill valve, drain pump, drain pan, pipes	Cylinder replacement Clean drain valve
	Cylinder Configurations	One main cylinder type Other options available, optimized at various conductivity ranges	One cylinder type	Standard cylinders 7523/7524 (125-400 mS/cm) Low conductivity cylinder 7543 (400-1,250 mS/cm)	One cylinder type
	Items included in package	Humidifier; tube distributor (w/ hardware); 5' steam hose; 7' condensate hose; ON/OFF wall humidistat; air proving switch; hardware	Humidifier; tube distributor; 6' steam hose; 10' drain tubing; Model 62 controler (duct, includes outdoor temp sensor); saddle valve; hardware	Humidifier; nozzle distributor; 6' steam hose; 9' condensate hose; 10' water fill line; water fill connector; GFX3 humid- istat (wall or duct, includes outdoor temp sensor); ball valve; air proving switch; hardware	Humidifier; H6062 humidistat (wall or duct, includes outdoor temp sensor); 5' steam hose; nozzle distributor; 10' drain hose; 20' water fill line; hardware
	Approvals	C-UL-US	ETL	ETL	C-UL-US
	Warranty	2 years	5 years	5 years	5 years



## Condair RH Series - References



a



b



c



d



	Name	Location	Application
a	Michael Jordan's Residence	Highland Park, IL	Residential
b	Oprah Winfrey's Residence	Highland Park, IL	Residential
c	David Letterman's Residence	North Salem, NY	Residential
d	Mariah Carey's Residence	Beverly Hills, CA	Residential