

# RETROAIRE

*The right fit for comfort*

**Quality Water Source Console Units for replacement or new construction that maximize comfort with minimal expense**

- Hotel/Motel
- Extended Care Facilities
- Apartments
- Dormitories



## CMH, CWC/CWH, WMH Water Source Console Units

- Straight Cool/Heat Pump with Electric or Hydronic Heat for Water Loop Applications
- R-410A Refrigerant
- 9,200 – 19,300 Btuh (2.7 – 5.6 kW)

RetroAire's new R-410A Water Source Console product line is available for retrofit jobs (CMH, CWC/CWH, WMH) or new construction (CWC/CWH) and provides an economical means to provide zone cooling and heating. Proudly made in the United States of America, these units are designed to replace old, less efficient Water Source Console units without any modifications. With many options, excellent performance, and long reliable service, RetroAire Water Source Consoles are "The Right Fit for Comfort".

MANUFACTURER	MODEL	RETROAIRE REPLACEMENT
Climate Control	WM Series	WMH
Climate Master	WC	CWC/CWH
	800 Series	CWC/CWH
	801 Series	CMH
Friedrich	WC	CWC/CWH
	800 Series	CWC/CWH
	801 Series	CMH
McQuay	WM Series	WMH
Singer	WM Series	WMH

In new construction applications, the CWC/CWH are perfect for hotel/motel, extended care and assisted living facilities, apartments and dormitory applications, anywhere there is a condenser water loop.

### Versatility

Offered with many factory installed options, RetroAire Water Source Consoles have application flexibility. Available in heat pump (CMH, CWH, WMH) or straight cool (CWC) with optional piping locations, disconnect switches, Master/Slave operation, Boilerless controls, electric or hydronic heat (CWC), these units can be tailored to meet the application.

### Environmental Protection

RetroAire's Water Source Console units use R-410A, a hydrofluorocarbon refrigerant blend. R-410A complies with the Montreal Protocol and does not have a scheduled phase-out date.

All Water Source Console units meet the ASHRAE 90.1-2007 Efficiency Standards, with cooling efficiencies as high as 13.6 EER and heating efficiencies as high as 4.2 COP. All units are rated in accordance with AHRI/ISO 13256-1.

Low sound levels are standard with compressors mounted in their own compartment and vibration isolation.

## Easy Start-up and Reliable Operation

Each unit is 100% factory tested to ensure a reliable start-up. Factory-installed controls help to provide years of dependable service. Unit controls include a manual reset high pressure switch and water loop freeze protection.



CWC/CWH Cabinet & Sub Base Option

## Benefits for Owners

- R-410A, an HFC Refrigerant that is not affected by the Montreal Protocol
- High Efficiency units save on utility bills
- Quiet, reliable operation
- ETL/ETLc Listed

## Benefits for Contractors

- Easy to install, packaged air conditioner
- Replacement of existing units is easier with units designed to replace them
- Multiple piping connection and location options allow for easy connection

## Benefits for Specifying Engineers

- Wide capacity range to meet most applications
- Multiple options to tailor the unit to many applications
- 24 volt controls allow for easy adaptation to Building Management Systems



CMH	COOLING MODE		HEAT PUMP MODE		AUXILIARY HEAT				
	Capacity Btuh (kW)	EER	Capacity Btuh (kW)	COP	Electric Heat (kW @ 230 V)				Hydronic
					2	3	4	5	
08	9,400 (2.7)	13.2	10,200 (3.0)	4.2	X	X	X	X	N/A
12	12,900 (3.8)	12.9	13,100 (3.8)	4.2	X	X	X	X	N/A
15	18,200 (5.3)	12.9	18,300 (5.4)	4.2	X	X	X	X	N/A



CWC/CWH	COOLING MODE		HEAT PUMP MODE		AUXILIARY HEAT				
	Capacity Btuh (kW)	EER	Capacity Btuh (kW)	COP	Electric Heat (kW @ 230 V)				Hydronic (CWC only)
					2	3	4	5	
08	9,400 (2.7)	13.2	10,200 (3.0)	4.2	X	X	X	X	X
10	12,900 (3.8)	12.9	13,100 (3.8)	4.2	X	X	X	X	X
13	17,500 (5.1)	12.0	19,500 (5.7)	4.2	X	X	X	X	X
17	19,300 (5.6)	13.6	19,400 (5.7)	4.2	X	X	X	X	X



WMH	COOLING MODE		HEAT PUMP MODE		AUXILIARY HEAT				
	Capacity Btuh (kW)	EER	Capacity Btuh (kW)	COP	Electric Heat (kW @ 230 V)				Hydronic
					2	3	4	5	
08	9,200 (2.7)	12.9	9,700 (2.8)	4.2	X	X	X	X	N/A
12	12,400 (3.6)	13.1	13,600 (4.0)	4.2	X	X	X	X	N/A
15	17,500 (5.1)	12.0	19,500 (5.7)	4.2	X	X	X	X	N/A

Contact your local RetroAire Representative or call RetroAire for more details. Specifications subject to change without notice.



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