



*Comfort Where It Counts.*

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## **EMI - Sales Bulletin**

June 3, 2015

TO: EMI Representatives and Distributors

FROM: Joe Langlois, Marketing Manager

SUBJECT: Comfortwave CAW 4 Pipe Introduction

EMI is pleased to announce the following Comfortwave product line changes. The current CAW series family will be expanded to include a new 4-pipe version. What sets the CAW 4-pipe apart from the 2-pipe version is the addition of a separate hydronic heating coil. The CAW 4-pipe models are able to provide heating and cooling solutions utilizing chilled water and hydronic heating systems. With the introduction of the CAW 4-pipe series, the current Comfortwave CAF models (both 2-pipe and 4-pipe ceiling cassette air handlers) will become obsolete. The CAW is able to meet or exceed the capacities of the CAF series.

Comfortwave provides an assortment of air handlers for commercial comfort solutions that have minimal building intrusion and provide a clean and stylish design. The Comfortwave family of ductless air handlers is the ideal product choice for office, education and healthcare settings.

The CAW series meets your specification and installation requirements with key application features such as:



**Features:**

- Mounts above the ceiling with minimal intrusion into the space
- Quiet operation
- 6 nominal capacities. 3 Chassis sizes: CAW 08/12, CAW 18/20, CAW 33/36
- Fresh air and branch air duct knockouts
- Factory installed condensate pump with 30" lift
- Condensate pump overflow float shutoff switch and a redundant condensate drain pan overflow shutoff

**Voltage choices:**

208-240V/1/60Hz standard model

115V/1/60Hz option

220-240V/1/50Hz option

**Models are available with two control configurations:****Remote thermostat models:**

- Thermostat sold separately
- Units with this configuration require a wired thermostat for operation and the unit is not equipped with a configurable control board
- Fascia is not equipped with an LED display

**Microprocessor control board with IR receiver models:**

- IR remote control sold separately
- This option features a configurable control board. The unit can be operated by either a hand held remote or the user can change the board dip switch setting to allow for wired thermostat control. Not all control features will be available when selecting thermostat operation.
- Fascia includes IR receiver panel with LED light indicators showing: Power, Cooling, Heating, Clean Filter and Timer/Alarm
- Programmable features including 7 day run mode, check filter timer on-off, motorized louver on or off for the CAW18 to CAW36 sized units
- Non-volatile memory allows for restart after a power failure by maintaining control settings

Decode Table CAW 4-Pipe

**ComfortWave Hydronic Fan Coil Cassette Air Handler Decoding (CAW)**

Cabinet		Heat Exch.	Control Revision	Capacity	Voltage	Aux. Heat
<b>C</b>	<b>A</b>	<b>W</b>			<b>*</b>	<b>8</b>
CA - Ceiling Cassette Air Handler		W - Chilled Water		08 - 8,000 Btuh	A - 115V/60Hz/1ph**	8 - Hydronic Only
				12 - 12,000 Btuh	D - 208-230V/60Hz/1ph	
				18 - 18,000 Btuh	F - 220-240V/50Hz/1ph	
				20 - 20,000 Btuh		
				33 - 33,000 Btuh		
				36 - 36,000 Btuh		
		A - Wall T-stat				
		B - I/R Handheld				

\* Select Voltage and Aux Heat option  
 \*\*Not available with electric heat

**New CAW (4) pipe Models and Descriptions:**

<b>Model Number</b>	<b>SKU Item Number</b>	<b>Control Configuration</b>	<b>Voltage</b>	<b>Capacity Btuh</b>	<b>Trade Pricing</b>
CAW08	CAWA08A8A	Wired Thermostat	115V/60Hz/1ph	8,000	\$4,125
CAW08	CAWB08A8A	Microprocessor IR Receiver	115V/60Hz/1ph	8,000	\$4,593
CAW08	CAWA08D8A	Wired Thermostat	208-230V/60Hz/1ph	8,000	\$3,885
CAW08	CAWB08D8A	Microprocessor IR receiver	208-230V/60Hz/1ph	8,000	\$4,052
CAW08	CAWA08F8A	Wired Thermostat	220/240V/50Hz/1ph	8,000	\$4,068
CAW08	CAWB08F8A	Microprocessor IR receiver	220/240V/50Hz/1ph	8,000	\$5,601
CAW12	CAWA12A8A	Wired Thermostat	115V/60Hz/1ph	12,000	\$4,678
CAW12	CAWB12A8A	Microprocessor IR receiver	115V/60Hz/1ph	12,000	\$5,150
CAW12	CAWA12D8A	Wired Thermostat	208-230V/60Hz/1ph	12,000	\$4,270
CAW12	CAWB12D8A	Microprocessor IR receiver	208-230V/60Hz/1ph	12,000	\$4,800
CAW12	CAWA12F8A	Wired Thermostat	220/240V/50Hz/1ph	12,000	\$4,270
CAW12	CAWB12F8A	Microprocessor IR receiver	220/240V/50Hz/1ph	12,000	\$5,700
CAW18	CAWA18A8A	Wired Thermostat	115V/60Hz/1ph	18,000	\$5,995
CAW18	CAWB18A8A	Microprocessor IR receiver	115V/60Hz/1ph	18,000	\$6,273
CAW18	CAWA18D8A	Wired Thermostat	208-230V/60Hz/1ph	18,000	\$5,878
CAW18	CAWB18D8A	Microprocessor IR receiver	208-230V/60Hz/1ph	18,000	\$6,686
CAW18	CAWA18F8A	Wired Thermostat	220/240V/50Hz/1ph	18,000	\$5,300
CAW18	CAWB18F8A	Microprocessor IR receiver	220/240V/50Hz/1ph	18,000	\$6,144
CAW20	CAWA20A8A	Wired Thermostat	115V/60Hz/1ph	20,000	\$5,995
CAW20	CAWB20A8A	Microprocessor IR receiver	115V/60Hz/1ph	20,000	\$6,505

Model Number	SKU Item Number	Control Configuration	Voltage	Capacity Btuh	Trade Pricing
CAW20	CAWA20D8A	Wired Thermostat	208-230V/60Hz/1ph	20,000	\$5,878
CAW20	CAWB20D8A	Microprocessor IR receiver	208-230V/60Hz/1ph	20,000	\$6,371
CAW20	CAWA20F8A	Wired Thermostat	220/240V/50Hz/1ph	20,000	\$5,489
CAW20	CAWB20F8A	Microprocessor IR receiver	220/240V/50Hz/1ph	20,000	\$6,505
CAW33	CAWA33A8A	Wired Thermostat	115V/60Hz/1ph	33,000	\$7,975
CAW33	CAWB33A8A	Microprocessor IR receiver	115V/60Hz/1ph	33,000	\$7,936
CAW33	CAWA33D8A	Wired Thermostat	208-230V/60Hz/1ph	33,000	\$7,838
CAW33	CAWB33D8A	Microprocessor IR receiver	208-230V/60Hz/1ph	33,000	\$7,040
CAW33	CAWA33F8A	Wired Thermostat	220/240V/50Hz/1ph	33,000	\$7,604
CAW33	CAWB33F8A	Microprocessor IR receiver	220/240V/50Hz/1ph	33,000	\$6,435
CAW36	CAWA36A8A	Wired Thermostat	115V/60Hz/1ph	36,000	\$7,150
CAW36	CAWB36A8A	Microprocessor IR receiver	115V/60Hz/1ph	36,000	\$7,344
CAW36	CAWA36D8A	Wired Thermostat	208-230V/60Hz/1ph	36,000	\$7,838
CAW36	CAWB36D8A	Microprocessor IR receiver	208-230V/60Hz/1ph	36,000	\$6,435
CAW36	CAWA36F8A	Wired Thermostat	220/240V/50Hz/1ph	36,000	\$7,603
CAW36	CAWB36F8A	Microprocessor IR receiver	220/240V/50Hz/1ph	36,000	\$6,880

The lead time for the new CAW units is 3-4 weeks. For complete product information, please refer to the individual unit specifications, installation and operation manual, and additional product literature that can be found on [www.enviromaster.com](http://www.enviromaster.com).

Should you require additional product support from EMI, please don't hesitate to contact ECR/EMI Customer Service, your area EMI Representative, or EMI regional/national sales manager.

As always thank you for your continued business and support of the EMI family of ductless and chilled water products.