



Chilled/Hydronic Ductless Air Handlers

US Trade Price Book - 2021

Effective 8/9/21

comfortWAVE



CAW
Ceiling Air Handler



CCP
Ceiling Suspended Air Handler



WCP
High Wall Air Handler

Comfort Where It Counts

www.emiretroaire.com



Manufactured by:
ECR International Inc.
2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 325 5479
www.ecrinternational.com
PN 240011128 REV. D [07/13/2021]

Customer Support Team

Volume Quotes:

Sheila Henderson: (315) 731-4154

Email: sheila.henderson@ecrinternational.com

Customer Service:

Phone: 800-325-5479 option #2

Fax: (315) 724-9319

Email Purchase Orders: ecrorderentry@ecrinternational.com

Email Inquiries: customerservice@ecrinternational.com

Technical Support:

Phone: (800) 253-7900

Fax: (866) 432-7329

Email: technical.support@ecrinternational.com

Marketing Support:

Phone: (800) 325-5479

Fax: (315) 733-1759

E-mail: marketing@ecrinternational.com

WWW.ECRCUSTOMERPORTAL.COM

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Table of Contents

<u>Comfortwave Cassette Air Handlers (CAW)</u>		4-10
DECODING	Cassette Air Handler (CAW) Decoding	4
CAW	Cassette Air Handler (CAW) Product Information	5
CAW	Fan Coil Descriptions (CAW)	6
CAW	Cassette Air Handler (CAW) Trade Pricing	7
<u>Comfortwave Ceiling-Suspended (CCP) & High-Wall (WCP) Air Handlers</u>		11-17
DECODING	Ceiling-Suspended (CCP) & High-Wall (WCP) Air Handler Decoding	11
CCP & WCP	Ceiling-Suspended (CCP) & High-Wall (WCP) Product Information	12
CCP	Fan Coil Descriptions (CCP) & (WCP)	13
CCP	Ceiling-Suspended Air Handler (CCP) Trade Pricing	14
WCP	High-Wall Air Handler (WCP) Trade Pricing	16
<u>Terms & RMA Policy</u>		18-19

Comfortwave Cassette Air Handler (CAW) Decoding

Control			Capacity	Voltage	Aux. Heat	Revision
C	A	W				A
CA - Ceiling Cassette Air Handler						
W - Chilled Water			08 - 8,000 Btu/h		Electric Heat Not Available on 115 V units	
A - Wall T-stat*			12 - 12,000 Btu/h		0 - None (2 pipe models only)	
B - I/R Handheld Remote*			18 - 18,000 Btu/h		1 - 1.5 kW Electric (08/12, 2-pipe models only)	
			20 - 20,000 Btu/h		3 - 3 kW Electric (18/20, 2-pipe models only)	
			33 - 33,000 Btu/h		5 - 5 kW Electric (33/36, 2-pipe models only)	
			36 - 36,000 Btu/h		8 - Hydronic Heat (all 4-pipe models)	
				A - 115 V/1 ph/ 60 Hz		
				D - 208-230 V/1 ph/ 60 Hz		
				F - 220-240 V/1 ph/ 50 Hz		

* 24 Vac wall thermostat is sold separately.
 * I/R Handheld Remote controller is included.



CAW Cassette Air Handlers

2-Pipe Chilled Water (Optional Electric Heat)

4-Pipe Chilled Water with Hydronic Heat

- 8,000 - 36,000 Btu/h Capacities
- 208-230 V/1 ph/ 60 Hz Standard
 - 115 V/1 ph/ 60 Hz Available
 - 220-240 V/1 ph/ 50 Hz Available
 - No De-rate for 115 V or 50 Hz
- 6 Nominal Capacities:
 - 8,000 Btu/h
 - 12,000 Btu/h
 - 18,000 Btu/h
 - 20,000 Btu/h
 - 33,000 Btu/h
 - 36,000 Btu/h
- 24 Vac Remote Thermostat Configuration
- Infrared Handheld Remote Control Option
 - Remote Sold Separately
- Washable Return Air Filter(s)
- 2-Pipe Applications Allow for Optional Factory Installed Electric Heat:
 - 1 kW - 8,000/12,000 Btu/h
 - 3 kW - 18,000/20,000 Btu/h
 - 5 kW - 33,000/36,000 Btu/h
- Supply-Discharge Air Louvers
 - 8/12 kBtu/h (Manually Adjustable)
 - 18/36 kBtu/h (Auto Sweep or Fixed Positions Stop)
- Factory Installed Condensate Pump (36 in Lift)
- Fresh Air & Branch Duct Knockouts



Cassette Remote Control
(Included with Infrared Option)


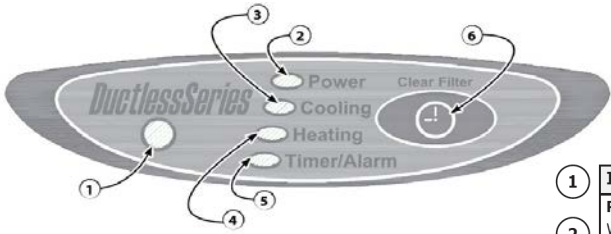
Warranty:

- Standard 1-year parts
- 5-year compressor warranty



Model	Shipping Weights lb (kg)			
	2-Pipe		4-Pipe	
	208-230 V & 220-240 V	115 V	208-230 V & 220-240 V	115 V
CAW08	70 (31.8)	80 (36.3)	76 (34.5)	86 (39.0)
CAW12	70 (31.8)	80 (36.3)	76 (34.5)	86 (39.0)
CAW18	108 (49.1)	118 (53.5)	115 (52.2)	125 (56.7)
CAW20	108 (49.1)	118 (53.5)	115 (52.2)	125 (56.7)
CAW33	146 (66.4)	169 (76.7)	175 (79.4)	185 (83.9)
CAW36	146 (66.4)	169 (76.7)	175 (79.4)	185 (83.9)

Comfortwave Fan Coil Control Descriptions (CAW)

Unit / Control Type	Description												
<p>CAW Cassette (A) & (B)</p> <p>A - Wall Thermostat CAWA Unit - Thermostat is Not Included</p>	<p>Unit will not have the LED lights display on the facia. Choose 24 Vac, dry contact type thermostat. EMI equipment is compatible with most standard bimetal, digital electronic or power-stealing thermostats.</p> <p>Chilled Water Cooling Only - select a thermostat compatible with chilled water cooling system and the chilled water valve selected. Thermostat should have "R", "Y" and "G" terminals. Thermostat may also have a "C" terminal. Chilled Water with Electric or Hot Water (Hydronic) Heat - Select thermostat compatible with chilled water cooling and hot water or electric heating systems with water valve(s) selected. Thermostat should have "R", "Y", "W" and "G" terminals. Thermostat may also have "C" terminal. WHEN SELECTING WALL THERMOSTAT UNITS THEY ARE NOT CONVERTABLE TO OPERATE WITH AN IR REMOTE CONTROL</p>												
<p>B - IR Handheld Remote CAWB Unit is shipped with the handheld IR remote</p> <div style="text-align: center;">  </div>	<div style="text-align: center;">  </div> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">LED Display Lights on the unit facia</p> </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr style="background-color: #e0e0e0;"> <td style="text-align: center;">1</td> <td>Infrared Receiver Window</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Power LED Wired wall mounted remote thermostat controller mode — on when power is applied to unit. Infrared Controller mode — on while cassette unit is in ON mode; off while unit is in OFF mode.</td> </tr> <tr style="background-color: #e0e0e0;"> <td style="text-align: center;">3</td> <td>Cooling LED On when unit is in cooling operation.</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Heating LED On during calls for heat.</td> </tr> <tr style="background-color: #e0e0e0;"> <td style="text-align: center;">5</td> <td>Timer/Alarm LED On steady while unit is in sleep timer mode; flashes to indicate fault codes.</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Clear Filter Warning Button Hold for 3 seconds to clear clean filter warning (indicated when timer/alarm LED, item 5, flashes 4 times)</td> </tr> </tbody> </table> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p>IR Remote units have a set of manual DIP switches that allow the unit to be converted to operated with a 24 Vac wall thermostat. When converting to wall thermostat operation not all of control features found on the IR handheld remote</p> </div>	1	Infrared Receiver Window	2	Power LED Wired wall mounted remote thermostat controller mode — on when power is applied to unit. Infrared Controller mode — on while cassette unit is in ON mode; off while unit is in OFF mode.	3	Cooling LED On when unit is in cooling operation.	4	Heating LED On during calls for heat.	5	Timer/Alarm LED On steady while unit is in sleep timer mode; flashes to indicate fault codes.	6	Clear Filter Warning Button Hold for 3 seconds to clear clean filter warning (indicated when timer/alarm LED, item 5, flashes 4 times)
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6	Clear Filter Warning Button Hold for 3 seconds to clear clean filter warning (indicated when timer/alarm LED, item 5, flashes 4 times)												

Comfortwave Cassette Air Handlers (CAW)

Item #	2-Pipe Fan Coil Cassette Air Handlers - No Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
CAWA08A0A	8,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$3,604
CAWA12A0A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$3,761
CAWA18A0A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$5,092
CAWA20A0A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$5,171
CAWA33A0A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,716
CAWA36A0A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,883
CAWA08D0A	8,000 Btu/h, 208-230 V/1 ph/60 Hz, No Heat, Wall T-stat	\$3,335
CAWA12D0A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$3,470
CAWA18D0A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$4,577
CAWA20D0A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$4,768
CAWA33D0A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,425
CAWA36D0A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,592
CAWA08F0A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$3,425
CAWA12F0A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$3,581
CAWA18F0A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$4,802
CAWA20F0A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$4,880
CAWA33F0A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$6,425
CAWA36F0A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$6,592

Item #	2-Pipe Fan Coil Cassette Air Handlers with LED Display Lights - No Heat I/R Handheld Remote is included with the unit	Trade Price
CAWB08A0A	8,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$4,007
CAWB12A0A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$4,164
CAWB18A0A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$5,495
CAWB20A0A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$5,574
CAWB33A0A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$7,118
CAWB36A0A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$7,286
CAWB08D0A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$3,739
CAWB12D0A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$3,873
CAWB18D0A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$4,981
CAWB20D0A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$5,171
CAWB33D0A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$6,828
CAWB36D0A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$6,996
CAWB08F0A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$3,827
CAWB12F0A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$3,985
CAWB18F0A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$5,205
CAWB20F0A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$5,283
CAWB33F0A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$6,828
CAWB36F0A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$6,996
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 3.5, Close-Off: 25 PSI	\$255
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Connections, Cv: 4.0, Close-Off: 25 PSI	\$252
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$303
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$284
240003614	Fresh Air Duct Collar Kit, 3 in Ø, CAH/CAC/CAW, 3 Collars & 3 Plates	\$197
240009786	Discharge/Branch Duct Collar Kit, 5 in Ø, All CAH/C/W & CAF08-20 Models, Qty 2 Pcs.	\$195
240003106	Condensate Pump Kit, 208-230 V, 144 in Lift, External Floor Mount, Field-installed	\$127
240003107	Condensate Pump Kit, 115 V, 144 in Lift, External Floor Mount, Field-installed	\$127

24 Vac -40 VA transformer standard on 2-pipe units. Control Voltage is 24 Vac. (only a 24 Vac valve can be used)
Consult factory for lead times and minimum quantities.

Comfortwave Chilled Water Cassette Air Handlers (CAW)

Item #	2-Pipe Fan Coil Cassette Air Handlers - Electric Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
CAWA08D1A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,500
CAWA12D1A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,689
CAWA18D3A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Electric Heat, Wall T-stat	\$4,904
CAWA20D3A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Electric Heat, Wall T-stat	\$5,178
CAWA33D5A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Electric Heat, Wall T-stat	\$7,087
CAWA36D5A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Electric Heat, Wall T-stat	\$7,269
CAWA08F1A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,500
CAWA12F1A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,689
CAWA18F3A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Electric Heat, Wall T-stat	\$4,904
CAWA20F3A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Electric Heat, Wall T-stat	\$5,178
CAWA33F5A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Electric Heat, Wall T-stat	\$7,087
CAWA36F5A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Electric Heat, Wall T-stat	\$7,269

Item #	2-Pipe Fan Coil Cassette Air Handlers with LED Lights - Electric Heat I/R Handheld Remote is included with the unit	Trade Price
CAWB08D1A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,774
CAWB12D1A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,964
CAWB18D3A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Electric Heat, I/R Handheld Remote	\$5,177
CAWB20D3A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Electric Heat, I/R Handheld Remote	\$5,453
CAWB33D5A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Electric Heat, I/R Handheld Remote	\$7,362
CAWB36D5A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Electric Heat, I/R Handheld Remote	\$7,543
CAWB08F1A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,774
CAWB12F1A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,964
CAWB18F3A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Electric Heat, I/R Handheld Remote	\$5,177
CAWB20F3A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Electric Heat, I/R Handheld Remote	\$5,453
CAWB33F5A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Electric Heat, I/R Handheld Remote	\$7,362
CAWB36F5A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Electric Heat, I/R Handheld Remote	\$7,543

Part #	Optional Accessories Descriptions	Trade Price
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 3.5, Close-Off: 25 PSI	\$255
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Connections, Cv: 4.0, Close-Off: 25 PSI	\$252
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$303
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$284
240003614	Fresh Air Duct Collar Kit, 3 in Ø, CAH/CAC/CAW, 3 Collars & 3 Plates	\$197
240009786	Discharge/Branch Duct Collar Kit, 5 in Ø, All CAH/C/W & CAF08-20 Models, Qty 2 Pcs.	\$195
240003106	Condensate Pump Kit, 208-230 V, 144 in Lift, External Floor Mount, Field-installed	\$127
240003107	Condensate Pump Kit, 115 V, 144 in Lift, External Floor Mount, Field-installed	\$127
550003770	MERV 8 Filter Kit CAW 08/12	\$87
550003771	MERV 8 Filter Kit CAW 18/20	\$87
550003772	MERV 8 Filter Kit CAW 33/36	\$95

24 Vac -40 VA transformer standard on 2-pipe units. Control Voltage is 24 Vac. (Only a 24 Vac valve can be used)
Consult factory for lead times and minimum quantities.

Comfortwave Cassette Air Handlers (CAW)

Item #	4-Pipe Fan Coil Cassette Air Handlers - Hydronic Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
CAWA08A8A	8,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,696
CAWA12A8A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,902
CAWA18A8A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$6,069
CAWA20A8A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$6,256
CAWA33A8A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$8,431
CAWA36A8A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$8,619
CAWA08D8A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,349
CAWA12D8A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,538
CAWA18D8A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$5,619
CAWA20D8A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$5,808
CAWA33D8A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$7,807
CAWA36D8A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$7,980
CAWA08F8A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$4,349
CAWA12F8A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$4,538
CAWA18F8A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$5,619
CAWA20F8A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$5,808
CAWA33F8A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$7,807
CAWA36F8A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$7,980

Item #	4-Pipe Fan Coil Cassette Air Handlers with LED Lights - Hydronic Heat I/R Handheld Remote is included with the unit	Trade Price
CAWB08A8A	8,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$5,165
CAWB12A8A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$5,391
CAWB18A8A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,675
CAWB20A8A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$7,006
CAWB33A8A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$9,274
CAWB36A8A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$9,480
CAWB08D8A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$4,783
CAWB12D8A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$4,991
CAWB18D8A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,181
CAWB20D8A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,488
CAWB33D8A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$8,588
CAWB36D8A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$8,778
CAWB08F8A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$4,783
CAWB12F8A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$4,991
CAWB18F8A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$6,181
CAWB20F8A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$6,488
CAWB33F8A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$8,588
CAWB36F8A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$8,778

Comfortwave Cassette Air Handlers (CAW)

Part #	CAW - Optional Accessories Descriptions	Trade Price
240008208	24 Vac Single Stage, Heat/Cool, 7-Day Programmable, Manual Changeover Thermostat	\$98
240008210	24 Vac Single Stage, Heat/Cool, 7-Day Programmable, Auto Changeover Thermostat	\$177
240006566	Infrared Handheld Remote Controller w/ Wall-Mount Cradle, CAW	\$255
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 3.5, Close-Off: 25 PSI	\$255
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Connections, Cv: 4.0, Close-Off: 25 PSI	\$252
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$303
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$284
240003614	Fresh Air Duct Collar Kit, 3 in Ø, CAW, 3 Collars & 3 Plates	\$197
240009786	Discharge/Branch Duct Collar Kit, 5 in Ø, All CAW Models, Qty 2 Pcs.	\$195
240003106	Condensate Pump, 208-230 V, 144 in Lift, External Floor Mount, Field-installed	\$127
240003107	Condensate Pump, 115 V, 144 in Lift, External Floor Mount, Field-installed	\$127

Control Voltage=24 Vac (Only 24 Vac valve can be used)

24 Vac -40 VA transformer standard on 2-pipe, **Infrared hand held controller is included with the CAWB cassette with IR controller option "B". 24 Vac T'stat SOLD SEPARATELY**

Consult factory for lead times and minimum quantities.

CAW Infrared Controls include:

- Hand held Infrared Controller
- High/low fan speed w/ auto ramp, constant fan
- Non volatile memory, auto re-start after power outage
- Anti-Short Cycle timer
- Dry Mode
- Internal condensate pump w/ 36 in lift

CAW Wall Thermostat controls include:

- 24 Vac remote thermostat connection
- Electronic control with anti short cycle and post purge timer
- Internal Condensate pump w/ 36 in lift

Options include:

- Electric heat or hot water hydronic heat
- Condensate pump independently wired (144 in lift), externally mounted
- 115/1/60 Voltage
- 220/240/1/50 Voltage

One Year Parts Warranty

Comfortwave Ceiling-Suspended Air Handler (CCP) Decoding

Code	Model Series/ Cabinet Type			Cooling Capacity		Voltage	Auxiliary			Color Option	Pipe Conns.	OEM/ Open	Open	Special Revision	Product Revision
	1	2	3	4	5		6	7	8						
	C	C	P						1	A	A	0	B	0	A
	CCP - Ceiling-Suspended								1 - Standard	A - Standard		B - Standard		A - Rev A	
				12 - 09/12/15 kBtu/h 24 - 18/24 kBtu/h 30 - 30 kBtu/h 48 - 36/42/48 kBtu/h						A - Sweat (Std)		0 - EMI (Standard)		0 - Standard	
				A - 115 V/1 ph/ 60 Hz D - 208-230 V/1 ph/ 60 Hz F - 220-240 V/1 ph/ 50 Hz					0 - Wall T'stat* w/ Trans. (Std) 4 - Unit Mount w/ Trans, IR Remote* Ready						
				"A" version only available in the 09/12/15 size					0 - No heat (Std.) 3 - 3 kW @ 230 V or 0.75 kW @ 115 V (09/12/15 kBuh) 5 - 5 kW @ 230 V (18/24 & 30 kBuh) 7 - 7 kW @ 230 V (36/42/48 kBuh)						
									*Notes: Wall T'stat Sold Separately Handheld Infrared Remote Sold Separately						

Comfortwave High-Wall Air Handler (WCP) Decoding

Code	Model Series/ Cabinet Type			Cooling Capacity		Voltage	Auxiliary			Color Option	Pipe Conns.	OEM/ Open	Open	Special Revision	Product Revision
	1	2	3	4	5		6	7	8						
	W	C	P						0	A	A	0	B	0	A
	WCP - High-Wall								A - Standard			B - Standard		A - Rev A	
				12 kBtu/h 18 kBtu/h 30 kBtu/h						A - Standard		0 - EMI (Standard)		0 - Standard	
				A - 115 V/1 ph/ 60 Hz D - 208-230 V/1 ph/ 60 Hz F - 220-240 V/1 ph/ 50 Hz					0 - 24 V, N/C Wiring (Std) 0 - Unit Mount w/ Trans, IR Remote* Ready 1 - Wall T'stat* w/ Trans. (Std)						
									0 - None 3 - 3 kW @230 V, 0.75 kW @115 V (9-18 kBtu/h Only) 5 - 5 kW @230 V, 1.25 kW @115 V (24-30 kBtu/h Only)						
									*Notes: Wall T'stat Sold Separately Handheld Infrared Remote Sold Separately						



CCP/WCP Ceiling Suspended (CCP) & High Wall (WCP) Air Handlers

CCP Ceiling-Suspended Air Handler

- 8,000 - 48,000 Btu/h Capacities
- 208-230 V/1 ph/ 60 Hz Standard
 - 115 V/1 ph/ 60 Hz Available
 - 220-240 V/1 ph/ 50 Hz Available
- 4 Chassis Sizes:
 - 12 (~9/12/15 kBtu/h)
 - 24 (~18/24 kBtu/h)
 - 30 (~30 kBtu/h)
 - 48 (~36/42/48 kBtu/h)
- 24 Vac Remote Thermostat Configuration
- Infrared Handheld Remote Control Option
 - Remote Sold Separately
- Washable Return Air Filter(s)
- 2-Pipe Applications Allow for Optional Factory Installed Electric Heat:
 - 3 kW (9/12/15 kBtu/h)
 - 5 kW (18/24/30 kBtu/h)
 - 7 kW (48 kBtu/h)
- 4-Pipe Applications, Hydronic Cooling & Heating
- Adjustable, Plastic Discharge Air Grille
- Condensate pump harness Plug & Play connection
 - (Optional) Pump - 48' lift internal or external mount - plug & Play
 - (Optional) Pump - 144' lift, external mount - independently wired



CCP



WCP



CCP/WCP Remote Control (Sold Separately)

WCP High Wall Air Handler

- 9,000 - 30,000 Btu/h Capacities
- 208-230 V/1 ph/ 60 Hz Standard
 - 115 V/1 ph/ 60 Hz Available
 - 220-240 V/1 ph/ 50 Hz Available
- 3 Chassis Sizes:
 - 12 (~9/12 kBtu/h)
 - 18 (~15/18 kBtu/h)
 - 30 (~24/30 kBtu/h)
- 24 Vac Remote Thermostat Configuration
- Infrared Handheld Remote Control Option
 - Remote Sold Separately
- Washable Return Air Filter(s)
- 2-Pipe Applications Allow for Optional Factory Installed Electric Heat:
 - 3 kW (9/12/15/18 kBtu/h)
 - 5 kW (24/30 kBtu/h)
- Adjustable, Plastic Discharge Air Grille
- Condensate pump harness Plug & Play connection
 - (Optional) Pump - 48 in lift internal or external mount - plug & Play
 - (Optional) Pump - 144 in lift, external mount - independently wired

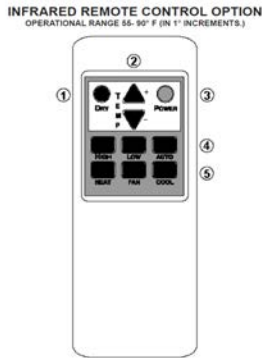
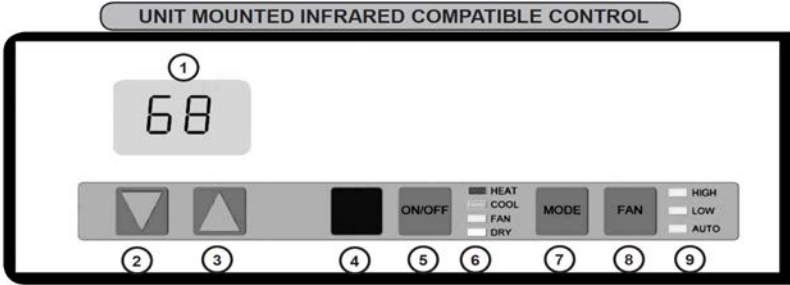


Warranty:

- Standard 1-year parts
- 5-year compressor warranty

Model	Shipping Weights	
CCP 09/12	115 lb	52.2 kg
CCP 18/24/30	135 lb	61.2 kg
CCP 36/42/48	160 lb	72.6 kg
WCP09	85 lb	38.6 kg
WCP12	85 lb	38.6 kg
WCP15	115 lb	52.2 kg
WCP18	115 lb	52.2 kg
WCP24	115 lb	52.2 kg
WCP30	115 lb	52.2 kg

Comfortwave Fan Coil Control Descriptions (CCP & WCP)

Unit / Control Type	Description
<p>CCP & WCP Models</p> <p>Wall Thermostat Controlled Units - Thermostat is Not Included (purchased separately)</p>	<p>Unit will not have a unit mounted control panel. Choose 24 Vac, dry contact type thermostat. EMI equipment is compatible with most standard bimetal, digital electronic or power-stealing thermostats. Chilled Water Cooling Only - select a thermostat compatible with chilled water cooling system and the chilled water valve selected. Thermostat should have "R", "Y" and "G" terminals. Thermostat may also have a "C" terminal. Chilled Water with Electric or Hot Water (Hydronic) Heat - Select thermostat compatible with chilled water cooling and hot water or electric heating systems with water valve(s) selected. Thermostat should have "R", "Y", "W" and "G" terminals. Thermostat may also have "C" terminal. WHEN SELECTING WALL THERMOSTAT UNITS THEY ARE NOT CONVERTABLE TO OPERATE WITH AN IR REMOTE CONTROL. WCP unit is equipped with a Hi/Low fan speed switch</p>
<p>Unit Mounted Controlled Units - IR handheld remote is not included (purchased separately)</p>  <p>INFRARED REMOTE CONTROL OPTION OPERATIONAL RANGE 55-97° F (IN 1° INCREMENTS.)</p> <ol style="list-style-type: none"> 1. Dry Mode Button 2. Temp. Set Point UP/DOWN Button 3. Power ON/OFF Button 4. Fan Speed Button (HIGH, LOW, AUTO) 5. Operational Mode Buttons (HEAT, FAN COOL) 	<p style="text-align: center;">Unit Mounted Control Panel With LED display and operational controls</p>  <ol style="list-style-type: none"> 1. LCD Display 2. Temp. Set Point Down Button 3. Temp. Set Point Up Button 4. Infrared Sensor 5. Power ON/OFF Button 6. Mode Indicator LEDs (HEAT, COOL, FAN, DRY) 7. Mode Selection Button 8. Fan Operation Button 9. Fan Indicator LEDs (HIGH, LOW, AUTO) <p style="text-align: center; color: red;">WCP & CCP units with Unit Mounted controls can not be converted to operate with a 24 Vac wall thermostat. For 24 Vac wall thermostat operation select the appropriate wall thermostat units</p>

Comfortwave Ceiling-Suspended Air Handlers (CCP)

Item #	2-Pipe Ceiling-Suspended Chilled Water Air Handlers - No Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
CCP12A001AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$5,528
CCP12D001AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$5,528
CCP24D001AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$6,029
CCP30D001AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$6,117
CCP48D001AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$6,347
CCP12F001AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$5,528
CCP24F001AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$6,029
CCP30F001AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$6,117
CCP48F001AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$6,347
Item #	2-Pipe Ceiling-Suspended Chilled Water Wall Air Handlers - No Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)	Trade Price
CCP12A041AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,634
CCP12D041AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,634
CCP24D041AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,135
CCP30D041AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,223
CCP48D041AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$7,142
CCP12F041AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,634
CCP24F041AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,135
CCP30F041AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,223
CCP48F041AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$7,142
Item #	2-Pipe Ceiling-Suspended Chilled Water Air Handlers - Electric Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
CCP12A301AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Wall T-Stat	\$5,865
CCP12D301AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Wall T-Stat	\$5,865
CCP24D501AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,365
CCP30D501AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,453
CCP48D701AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 7 kW Elec Heat, Wall T-Stat	\$6,683
CCP12F301AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Wall T-Stat	\$5,865
CCP24F501AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,365
CCP30F501AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,453
CCP48F701AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 7 kW Elec Heat, Wall T-Stat	\$6,683
Item #	2-Pipe Ceiling-Suspended Chilled Water Air Handlers - Electric Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)	Trade Price
CCP12A341AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,965
CCP12D341AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,965
CCP24D541AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,465
CCP30D541AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,553
CCP48D741AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 7 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$7,490
CCP12F341AA0B0A	9,000-13,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,965
CCP24F541AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,465
CCP30F541AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,553
CCP48F741AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 7 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$7,490

Comfortwave Ceiling-Suspended Air Handlers (CCP)

Item #	4-Pipe Ceiling-Suspended Chilled Water Air Handlers - Hydronic Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
CCP12A801AA0B0A	9,000-12,000 Btu/h, Hydronic Heat, 115 V/1 ph/ 60 Hz, Wall T-Stat	\$5,906
CCP12D801AA0B0A	9,000-12,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$5,906
CCP24D801AA0B0A	18,000-24,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$7,843
CCP30D801AA0B0A	30,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$7,936
CCP48D801AA0B0A	36,000-48,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$7,590
CCP12F801AA0B0A	9,000-12,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$5,906
CCP24F801AA0B0A	18,000-24,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$7,843
CCP30F801AA0B0A	30,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$7,936
CCP48F801AA0B0A	36,000-48,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$7,590
Item #	4-Pipe Ceiling-Suspended Chilled Water Wall Air Handlers - Hydronic Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)	Trade Price
CCP12A841AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$6,019
CCP12D841AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$6,066
CCP24D841AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,237
CCP30D841AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,332
CCP48D841AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,249
CCP12D841AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$6,066
CCP24D841AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,237
CCP30D841AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,332
CCP48D841AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,249
Part #	Optional Accessories Descriptions (CCP)	Trade Price
240008208	24 Vac Single Stage, Heat/Cool, Programmable, Manual Changeover Thermostat	\$98
240008210	24 Vac Single Stage, Heat/Cool, Programmable, Auto Changeover Thermostat	\$177
240003455	Infrared Handheld Remote Controller w/ Wall Cradle (Unit-Mount Controlled Units Only)	\$141
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 3.5, Close-Off: 25 PSI	\$255
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Conn, Cv: 4.0, Close-Off: 25 PSI	\$252
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$303
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$284
550000339	CCP Trim Kit, 12-30, Mount Covers	\$341
550000340	CCP Trim Kit, 36-48, Mount Covers	\$197
550003440	Condensate Pump 09-48, 115/208/230 Vac, Field-installed, 48 in Lift, Internal Mount	\$656
240003106	Condensate Pump Kit, 144 in lift, 208/230 Vac, External Floor Mount, Field-installed	\$127
240003107	Condensate Pump Kit, 144 lift, 115 Vac, External Floor Mount, Field-installed	\$127

Control Voltage = 24 Vac (Only 24 Vac valve can be used)

24 Vac - 40 VA transformer standard on 2-pipe, thermostat not included

Consult factory for lead times on all models hot water Heat option and minimum quantities.

Hot water Heat can only be ordered as supplemental Heat.

PRODUCT INFORMATION

Comfort Features: Optional 24 Vac wall thermostat (not included); fresh air knockout.

Installation & Service: 208-230 Vac standard voltage. One year parts warranty.

Comfortwave High-Wall Air Handlers (WCP)

Item #	2-Pipe Chilled Water High-Wall Air Handlers - No Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
WCP12A010AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,291
WCP18A010AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,827
WCP30A010AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$4,574
WCP12D010AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,327
WCP18D010AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,798
WCP30D010AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$4,563
WCP12F010AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-Stat	\$3,327
WCP18F010AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-Stat	\$3,827
WCP30F010AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-Stat	\$4,574
Item #	2-Pipe Chilled Water High-Wall Air Handlers - No Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)	Trade Price
WCP12A000AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,487
WCP18A000AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,181
WCP30A000AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,770
WCP12D000AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,593
WCP18D000AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,092
WCP30D000AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,799
WCP12F000AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,593
WCP18F000AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,181
WCP30F000AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,770
Item #	2-Pipe Chilled Water High-Wall Air Handlers - Electric Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)	Trade Price
WCP12A310AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Wall T-Stat	\$3,727
WCP18A310AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Wall T-Stat	\$4,292
WCP30A510AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, 1.25 kW Elec Heat, Wall T-Stat	\$5,093
WCP12D310AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Wall T-Stat	\$3,620
WCP18D310AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Wall T-Stat	\$4,115
WCP30D510AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Wall T-Stat	\$4,821
WCP12F310AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Wall T-Stat	\$3,620
WCP18F310AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Wall T-Stat	\$4,292
WCP30F510AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Wall T-Stat	\$4,821
Item #	2-Pipe Chilled Water High-Wall Air Handlers - Electric Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)	Trade Price
WCP12A300AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 50 Hz, 0.75 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,727
WCP18A300AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,292
WCP30A500AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, 1.25 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,093
WCP12D300AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,845
WCP18D300AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,292
WCP30D500AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,175
WCP12F300AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,845
WCP18F300AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,292
WCP30F500AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,175

Comfortwave High-Wall Air Handlers (WCP)

Part #	WCP - Optional Accessories Descriptions	Trade Price
240008208	24 Vac Single Stage, Heat/Cool, 7-Day Programmable, Manual Changeover Thermostat	\$98
240008210	24 Vac Single Stage, Heat/Cool, 7-Day Programmable, Auto Changeover Thermostat	\$177
240003455	Infrared Handheld Remote Controller w/ Wall Cradle (Unit-Mount Controlled Units Only)	\$141
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 3.5, Close-Off: 25 PSI	\$255
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Conn, Cv: 4.0, Close-Off: 25 PSI	\$252
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$303
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$284
550003439	Condensate Pump 09-30 115/208/230 Vac Field-installed, 48 in, Internal Mount	\$694
240003106	Condensate Pump Kit, 144 in lift, 208/230 Vac, External Floor Mount, Field-installed	\$127
240003107	Condensate Pump Kit, 144 in lift, 115 Vac, External Floor Mount, Field-installed	\$127

Control Voltage=24 Vac (Only 24 Vac valve can be used)

24 Vac-40 VA transformer standard on 2-pipe, 24 Vac thermostat not included

Consult factory for lead times and minimum quantities.

PRODUCT INFORMATION

WCP Unit Mounted controls include:

- High/low fan speed w/ auto ramp and post purge
- Non volatile memory, auto re-start after power outage
- Anti-Short Cycle timer
- Dry Mode
- Condensate pump harness ready connection

WCP Wall Thermostat controls include:

- 24 Vac remote thermostat connection
- Hi/Low Fan speed switch
- Electronic control with anti short cycle and post purge timer
- Condensate pump harness ready connection

Options include:

- Electric heat
- Condensate pump Plug & Play (48 in lift), internally or externally mount, field installed
- Condensate pump independently wired (144 in lift), externally mounted
- 115/1/60 Voltage
- 220/240/1/50 Voltage

Standard voltage all units (208/230/1/60)

One year parts warranty

TERMS & CONDITIONS OF SALE - GENERAL TERMS

PRICES & SPECIFICATIONS: All pricing and specifications subject to change without notice. The prices herein supersede all prior quotations, promotions and addendums.

ORDERS: All EMI orders will be accepted on the basis of prices in effect at the time the order is received. No order or contract will become an obligation on our part until accepted by the General Sales Department. ECR International shall not be liable for any delay, or failure in the delivery or shipment of goods, due to any cause or causes beyond its control.

All Buy American products are considered Special Order Products and are cited within this Price Book. Once such a special order has been accepted and acknowledged by the General Sales Department, a 100% cancellation fee will apply. On the order/PO, the customer must state the order is "Firm and Non-Cancellable"; otherwise ECR will not process it.

LEAD TIMES: EMI Comfortwave products are non-inventory items. Production lead times normally run 3 to 4 weeks. Customers are encouraged to check with the factory for specific model availability.

LARGE JOBS: Please consult factory for pricing and availability for any special-order models or more than 10 systems.

TAXES: Add to the prices and terms quoted any manufacturers' or sales tax payable on the transaction under any effective statute. All orders must include sales tax or resale certificate of sales tax exemption (If not already on file).

SHIPMENTS

TRUCK LOADS: \$50,000 Net order value or 25 systems - Freight Prepaid

F.O.B. ECR INTERNATIONAL - FACTORY OR WAREHOUSE

SALES ORDER INFORMATION CHECK LIST

The following information must be included on equipment or parts orders to insure proper shipment & invoicing:

- | | |
|--|--|
| 1) Purchase Order Number | 7) Pricing |
| 2) Bill to Address | 8) Product Description (Model, Size, etc.) |
| 3) Ship to Address | 9) Electrical (Operating Voltage, Cycles, Phases, etc.) |
| 4) Method of Shipment (trailer load, UPS) | 10) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost listed. Indicate added to standard equipment.) |
| 5) Requested Ship Date | 11) Kits or Parts (Orders for kits or parts must indicate equipment size and series.) |
| 6) Special Instructions ("Carrier to call...") | |

Send orders to:

E-mail: ecrorderentry@ecrinternational.com

Fax: (315) 724-9319

Please note the following Remit to Address:

**ECR International, Inc.
P.O. Box 8000 Department 039
Buffalo, NY 14267**

U.S. DISTRIBUTOR - RETURN MATERIAL POLICY

Prior Approval Required - All returns for exchange, credit, repair service or warranty claim must be approved by ECR International and require an RMA number prior to return of the material. A request must be completed via the online web portal. Please log on to www.ecrcustomerportal.com to complete your request for return. If you do not already have access to the customer web portal, please contact ECR International Customer Service at 1-800-325-5479 to be set-up.

Eligibility – An RMA Request must be received within 60 days from the date of invoice for returns of New & Unused product in original packaging. A restocking fee of 15% will be charged for all new and unused returns that are approved for return. Special Order Products (items not offered as standard in ECR International trade price book) are not eligible for return as new and unused product. Request for Warranty Returns must be made within the period covered by the warranty and must fall under the terms and conditions specified in the warranty.

Repair Service - Request for repair or rework of product damaged by customer is classified as Repair Service. Repair Service is billed at \$75.00 per hour for labor and net price for parts used in repair/rework. ECR International's Return Material (RM) department will evaluate the items returned for repair service. The customer will receive an estimate for the dollar amount, determined by ECR International's RM department, required to complete the repairs requested. A Purchase Order (PO) from the customer for that amount will be required before any work is performed.

RMA Expiration Parts - Once the RMA number is issued, the product must be returned within 60 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 60 days from the RMA date will not be accepted.

Shipping & Packaging - All returns must have a valid RMA number clearly displayed on the exterior of the package or the package will not be accepted. All returns of new and unused product must be in the original packaging. All returns must be shipped prepaid by the customer unless otherwise directed by ECR as indicated on the RMA Verification. Ship all approved return material to the facility indicated on the approved RMA Request by the date indicated.

Replacement Product - If replacement product is desired it must be indicated on the RMA Request. A PO# is required for the replacement shipment and must be indicated on the RMA Request. All replacement products will be invoiced at the time of shipment. ECR will pay the ground freight for all warranty replacements.

Application of Credit - Credit for returned product will be applied to the customer's account (less restocking fees for New and Unused returns) only after confirmation of receipt by ECR and inspection of the product. Issuance of a credit for a partial return of product does not relieve the customer from the obligation to remit payment for the merchandise not returned in accordance with the payment terms referenced on the customer's invoice(s). Customer will have the option to have any product that is denied for credit returned at their expense.

Returning Installed Finished Goods (Complete boilers, furnaces, A/C units etc.)

- Equipment that is already installed should be repaired not replaced. Exceptions: leaking cast iron boilers in their first year or leaking water tanks. Leaking drain valves on water tanks are replaceable, make sure the leak is not on the valve. Tanks returned with the only leak being on the valve will be denied.
- Cast iron blocks (not complete boilers) older than one year and Indirect tanks that are leaking do not require prior approval. Simply type "Leaking" into the Authorization field and it will be accepted. Complete Cast iron boilers within their first year will still require prior authorization for full boiler replacement.
- Water leaks on copper and condensing boilers are repairable and will require prior authorization for any reason for removal.
- To guarantee credit, if a situation arises where equipment does need to be replaced, **prior authorization** from ECR is required. This will ensure that ECR has visibility to the problem and has had an opportunity to correct it prior to removal. *All equipment considered for removal should first be brought to the attention of Technical Support at 1-800-253-7900.*
- If approved, an authorization number will be given that will need to be entered in the RMA on the Customer Portal.
- For equipment that is removed from service without prior authorization by ECR, contact Customer Service. They will evaluate the circumstance and can issue a conditional RMA. The equipment will be tested in our lab to determine if removal was warranted and if credit will be given.

RMA Expiration Equipment - Once the RMA number is issued, the product must be returned within 30 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 30 days from the RMA date will not be accepted.



comfortWAVE

Comfort Where It Counts

www.emiretroaire.com



2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 325 5479
www.ecrinternational.com

All specifications subject to change without notice.
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