



## Chilled/Hydronic Ductless Air Handlers

# US Trade Price Book - 2021

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*Effective 5/17/21*

comfortWAVE



CAW  
Ceiling Air Handler



CCP  
Ceiling Suspended Air Handler



WCP  
High Wall Air Handler

*Comfort Where It Counts*

[www.emiretroaire.com](http://www.emiretroaire.com)



Manufactured by:  
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[www.ecrinternational.com](http://www.ecrinternational.com)  
PN 240011128 REV. C [05/15/2021]

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# Comfortwave Cassette Air Handler (CAW) Decoding

Control			Capacity	Voltage	Aux. Heat	Revision
<b>C</b>	<b>A</b>	<b>W</b>				<b>A</b>
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)


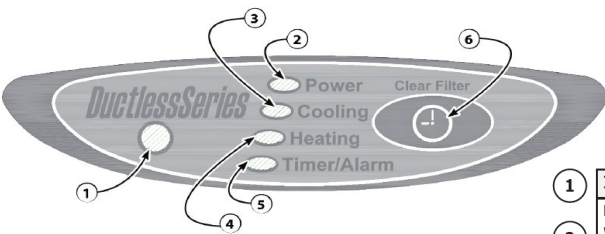
### Warranty:

- 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
<b>CAW08</b>	70 (31.8)	80 (36.3)	76 (34.5)	86 (39.0)
<b>CAW12</b>	70 (31.8)	80 (36.3)	76 (34.5)	86 (39.0)
<b>CAW18</b>	108 (49.1)	118 (53.5)	115 (52.2)	125 (56.7)
<b>CAW20</b>	108 (49.1)	118 (53.5)	115 (52.2)	125 (56.7)
<b>CAW33</b>	146 (66.4)	169 (76.7)	175 (79.4)	185 (83.9)
<b>CAW36</b>	146 (66.4)	169 (76.7)	175 (79.4)	185 (83.9)

# Comfortwave Fan Coil Control Descriptions (CAW)

Unit / Control Type	Description												
<p><b>CAW Cassette (A) &amp; (B)</b></p> <p><b>A - Wall Thermostat CAWA</b> Unit - <b>Thermostat is Not Included</b></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><b>Chilled Water Cooling Only</b> - 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. <b>Chilled Water with Electric or Hot Water (Hydronic) Heat</b> - 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. <b>WHEN SELECTING WALL THERMOSTAT UNITS THEY ARE NOT CONVERTABLE TO OPERATE WITH AN IR REMOTE CONTROL</b></p>												
<p><b>B - IR Handheld Remote</b> 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;"> <tr> <td style="text-align: center;"><b>1</b></td> <td><b>Infrared Receiver Window</b></td> </tr> <tr> <td style="text-align: center;"><b>2</b></td> <td><b>Power LED</b> 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> <td style="text-align: center;"><b>3</b></td> <td><b>Cooling LED</b> On when unit is in cooling operation.</td> </tr> <tr> <td style="text-align: center;"><b>4</b></td> <td><b>Heating LED</b> On during calls for heat.</td> </tr> <tr> <td style="text-align: center;"><b>5</b></td> <td><b>Timer/Alarm LED</b> On steady while unit is in sleep timer mode; flashes to indicate fault codes.</td> </tr> <tr> <td style="text-align: center;"><b>6</b></td> <td><b>Clear Filter Warning Button</b> Hold for 3 seconds to clear clean filter warning (indicated when timer/alarm LED, item 5, flashes 4 times)</td> </tr> </table> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <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>	<b>1</b>	<b>Infrared Receiver Window</b>	<b>2</b>	<b>Power LED</b> 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.	<b>3</b>	<b>Cooling LED</b> On when unit is in cooling operation.	<b>4</b>	<b>Heating LED</b> On during calls for heat.	<b>5</b>	<b>Timer/Alarm LED</b> On steady while unit is in sleep timer mode; flashes to indicate fault codes.	<b>6</b>	<b>Clear Filter Warning Button</b> Hold for 3 seconds to clear clean filter warning (indicated when timer/alarm LED, item 5, flashes 4 times)
<b>1</b>	<b>Infrared Receiver Window</b>												
<b>2</b>	<b>Power LED</b> 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.												
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<b>6</b>	<b>Clear Filter Warning Button</b> 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 #	<b>2-Pipe Fan Coil Cassette Air Handlers - No Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)</b>	Trade Price
CAWA08A0A	8,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$3,499
CAWA12A0A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$3,651
CAWA18A0A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$4,944
CAWA20A0A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$5,020
CAWA33A0A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,520
CAWA36A0A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,683
CAWA08D0A	8,000 Btu/h, 208-230 V/1 ph/60 Hz, No Heat, Wall T-stat	\$3,238
CAWA12D0A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$3,369
CAWA18D0A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$4,444
CAWA20D0A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$4,629
CAWA33D0A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,238
CAWA36D0A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-stat	\$6,400
CAWA08F0A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$3,325
CAWA12F0A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$3,477
CAWA18F0A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$4,662
CAWA20F0A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$4,738
CAWA33F0A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$6,238
CAWA36F0A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-stat	\$6,400

Item #	<b>2-Pipe Fan Coil Cassette Air Handlers with LED Display Lights - No Heat I/R Handheld Remote is included with the unit</b>	Trade Price
CAWB08A0A	8,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$3,890
CAWB12A0A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$4,043
CAWB18A0A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$5,335
CAWB20A0A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$5,412
CAWB33A0A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$6,911
CAWB36A0A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$7,074
CAWB08D0A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$3,630
CAWB12D0A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$3,760
CAWB18D0A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$4,836
CAWB20D0A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$5,020
CAWB33D0A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$6,629
CAWB36D0A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, I/R Handheld Remote	\$6,792
CAWB08F0A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$3,716
CAWB12F0A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$3,869
CAWB18F0A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$5,053
CAWB20F0A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$5,129
CAWB33F0A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$6,629
CAWB36F0A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, I/R Handheld Remote	\$6,792
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 3.5, Close-Off: 25 PSI	\$248
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Connections, Cv: 4.0, Close-Off: 25 PSI	\$245
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$294
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$276
240003614	Fresh Air Duct Collar Kit, 3 in Ø, CAH/CAC/CAW, 3 Collars & 3 Plates	\$191
240009786	Discharge/Branch Duct Collar Kit, 5 in Ø, All CAH/C/W & CAF08-20 Models, Qty 2 Pcs.	\$189
240003106	Condensate Pump Kit, 208-230 V, 144 in Lift, External Floor Mount, Field-installed	\$123
240003107	Condensate Pump Kit, 115 V, 144 in Lift, External Floor Mount, Field-installed	\$123

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	\$3,398
CAWA12D1A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,582
CAWA18D3A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$4,761
CAWA20D3A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$5,027
CAWA33D5A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$6,881
CAWA36D5A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, Wall T-stat	\$7,057
CAWA08F1A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,398
CAWA12F1A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$3,582
CAWA18F3A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$4,761
CAWA20F3A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$5,027
CAWA33F5A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$6,881
CAWA36F5A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, Wall T-stat	\$7,057

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	\$3,664
CAWB12D1A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,849
CAWB18D3A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$5,026
CAWB20D3A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$5,294
CAWB33D5A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$7,148
CAWB36D5A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$7,323
CAWB08F1A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,664
CAWB12F1A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$3,849
CAWB18F3A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$5,026
CAWB20F3A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$5,294
CAWB33F5A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$7,148
CAWB36F5A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 1.5 kW Electric Heat, I/R Handheld Remote	\$7,323

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	\$248
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Connections, Cv: 4.0, Close-Off: 25 PSI	\$245
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$294
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$276
240003614	Fresh Air Duct Collar Kit, 3 in Ø, CAH/CAC/CAW, 3 Collars & 3 Plates	\$191
240009786	Discharge/Branch Duct Collar Kit, 5 in Ø, All CAH/C/W & CAF08-20 Models, Qty 2 Pcs.	\$189
240003106	Condensate Pump Kit, 208-230 V, 144 in Lift, External Floor Mount, Field-installed	\$123
240003107	Condensate Pump Kit, 115 V, 144 in Lift, External Floor Mount, Field-installed	\$123
550003770	MERV 8 Filter Kit CAW 08/12	\$84
550003771	MERV 8 Filter Kit CAW 18/20	\$84
550003772	MERV 8 Filter Kit CAW 33/36	\$92

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	\$4,559
CAWA12A8A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,759
CAWA18A8A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$5,892
CAWA20A8A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$6,074
CAWA33A8A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$8,185
CAWA36A8A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$8,368
CAWA08D8A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,222
CAWA12D8A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$4,406
CAWA18D8A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$5,455
CAWA20D8A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$5,639
CAWA33D8A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$7,580
CAWA36D8A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Wall T-stat	\$7,748
CAWA08F8A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$4,222
CAWA12F8A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$4,406
CAWA18F8A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$5,455
CAWA20F8A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$5,639
CAWA33F8A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$7,580
CAWA36F8A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Wall T-stat	\$7,748

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	\$5,015
CAWB12A8A	12,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$5,234
CAWB18A8A	18,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,481
CAWB20A8A	20,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,802
CAWB33A8A	33,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$9,004
CAWB36A8A	36,000 Btu/h, 115 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$9,204
CAWB08D8A	8,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$4,644
CAWB12D8A	12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$4,846
CAWB18D8A	18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,001
CAWB20D8A	20,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$6,299
CAWB33D8A	33,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$8,338
CAWB36D8A	36,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, I/R Handheld Remote	\$8,522
CAWB08F8A	8,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$4,644
CAWB12F8A	12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$4,846
CAWB18F8A	18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$6,001
CAWB20F8A	20,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$6,299
CAWB33F8A	33,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$8,338
CAWB36F8A	36,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, I/R Handheld Remote	\$8,522

## 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	\$95
240008210	24 Vac Single Stage, Heat/Cool, 7-Day Programmable, Auto Changeover Thermostat	\$172
240006566	Infrared Handheld Remote Controller w/ Wall-Mount Cradle, CAW	\$248
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 3.5, Close-Off: 25 PSI	\$248
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Connections, Cv: 4.0, Close-Off: 25 PSI	\$245
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$294
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Connections, Cv: 7.5, Close-Off: 17 PSI	\$276
240003614	Fresh Air Duct Collar Kit, 3 in Ø, CAW, 3 Collars & 3 Plates	\$191
240009786	Discharge/Branch Duct Collar Kit, 5 in Ø, All CAW Models, Qty 2 Pcs.	\$189
240003106	Condensate Pump, 208-230 V, 144 in Lift, External Floor Mount, Field-installed	\$123
240003107	Condensate Pump, 115 V, 144 in Lift, External Floor Mount, Field-installed	\$123

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						A - Sweat (Std)		0 - EMI (Standard)		0 - Standard	
				24 - 18/24 kBtu/h											
				30 - 30 kBtu/h											
				48 - 36/42/48 kBtu/h											
				A - 115 V/1 ph/ 60 Hz											
				D - 208-230 V/1 ph/ 60 Hz											
				F - 220-240 V/1 ph/ 50 Hz											
	"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) <b>*Notes:</b> 8 - Hydronic (4-Pipe)														
	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						A - Standard		0 - EMI (Standard)		0 - Standard	
				18 kBtu/h											
				30 kBtu/h											
				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)														
	<b>*Notes:</b> 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' lift internal or external mount - plug & Play
  - (Optional) Pump - 144' lift, external mount - independently wired



### Warranty:

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

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

# Comfortwave Fan Coil Control Descriptions (CCP & WCP)

Unit / Control Type	Description
<p><b>CCP &amp; WCP Models</b></p> <p><b>Wall Thermostat Controlled Units -</b> 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. <b>Chilled Water Cooling Only</b> - 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. <b>Chilled Water with Electric or Hot Water (Hydronic) Heat</b> - 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. <b>WHEN SELECTING WALL THERMOSTAT UNITS THEY ARE NOT CONVERTABLE TO OPERATE WITH AN IR REMOTE CONTROL.</b> WCP unit is equipped with a Hi/Low fan speed switch</p>
<p><b>Unit Mounted Controlled Units -</b> IR handheld remote is not included (purchased separately)</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;"><b>UNIT MOUNTED INFRARED COMPATIBLE CONTROL</b></p> </div> <div style="margin-top: 10px;"> <p><b>INFRARED REMOTE CONTROL OPTION</b> <small>OPERATIONAL RANGE 55-99° F (IN 1° INCREMENTS.)</small></p> </div> <div style="margin-top: 10px;"> <p>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> </div>	<div style="border: 1px solid black; padding: 10px; margin-top: 10px;"> <p style="text-align: center;"><b>Unit Mounted Control Panel With LED display and operational controls</b></p> </div> <div style="margin-top: 10px;"> <p>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> </div> <div style="border: 1px solid black; padding: 10px; margin-top: 10px; text-align: center;"> <p><b>WCP &amp; 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</b></p> </div>

## Comfortwave Ceiling-Suspended Air Handlers (CCP)

Item #	<b>2-Pipe Ceiling-Suspended Chilled Water Air Handlers - No Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)</b>	Trade Price
CCP12A001AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$5,367
CCP12D001AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$5,367
CCP24D001AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$5,853
CCP30D001AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$5,939
CCP48D001AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$6,162
CCP12F001AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$5,367
CCP24F001AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$5,853
CCP30F001AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$5,939
CCP48F001AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Elec Heat, Wall T-Stat	\$6,162
Item #	<b>2-Pipe Ceiling-Suspended Chilled Water Wall Air Handlers - No Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)</b>	Trade Price
CCP12A041AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,470
CCP12D041AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,470
CCP24D041AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,956
CCP30D041AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,042
CCP48D041AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,934
CCP12F041AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,470
CCP24F041AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,956
CCP30F041AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,042
CCP48F041AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,934
Item #	<b>2-Pipe Ceiling-Suspended Chilled Water Air Handlers - Electric Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)</b>	Trade Price
CCP12A301AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Wall T-Stat	\$5,694
CCP12D301AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Wall T-Stat	\$5,694
CCP24D501AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,180
CCP30D501AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,265
CCP48D701AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 7 kW Elec Heat, Wall T-Stat	\$6,488
CCP12F301AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Wall T-Stat	\$5,694
CCP24F501AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,180
CCP30F501AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Wall T-Stat	\$6,265
CCP48F701AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 7 kW Elec Heat, Wall T-Stat	\$6,488
Item #	<b>2-Pipe Ceiling-Suspended Chilled Water Air Handlers - Electric Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)</b>	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	\$5,791
CCP12D341AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,791
CCP24D541AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,277
CCP30D541AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,362
CCP48D741AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 7 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$7,272
CCP12F341AA0B0A	9,000-13,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,791
CCP24F541AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,277
CCP30F541AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$6,362
CCP48F741AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 7 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$7,272



## 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	\$5,734
CCP12D801AA0B0A	9,000-12,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$5,734
CCP24D801AA0B0A	18,000-24,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$7,615
CCP30D801AA0B0A	30,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$7,705
CCP48D801AA0B0A	36,000-48,000 Btu/h, Hydronic Heat, 208-230 V/1 ph/ 60 Hz, Wall T-Stat	\$7,369
CCP12F801AA0B0A	9,000-12,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$5,734
CCP24F801AA0B0A	18,000-24,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$7,615
CCP30F801AA0B0A	30,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$7,705
CCP48F801AA0B0A	36,000-48,000 Btu/h, Hydronic Heat, 220-240 V/1 ph/ 50 Hz, Wall T-Stat	\$7,369
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	\$5,844
CCP12D841AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$5,889
CCP24D841AA0B0A	18,000-24,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$7,997
CCP30D841AA0B0A	30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,089
CCP48D841AA0B0A	36,000-48,000 Btu/h, 208-230 V/1 ph/ 60 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,009
CCP12D841AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$5,889
CCP24D841AA0B0A	18,000-24,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$7,997
CCP30D841AA0B0A	30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,089
CCP48D841AA0B0A	36,000-48,000 Btu/h, 220-240 V/1 ph/ 50 Hz, Hydronic Heat, Unit-Mount Ctrls, Handheld Remote Compatible	\$8,009
Part #	Optional Accessories Descriptions (CCP)	Trade Price
240008208	24 Vac Single Stage, Heat/Cool, Programmable, Manual Changeover Thermostat	\$95
240008210	24 Vac Single Stage, Heat/Cool, Programmable, Auto Changeover Thermostat	\$172
240003455	Infrared Handheld Remote Controller w/ Wall Cradle <b>(Unit-Mount Controlled Units Only)</b>	\$137
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 3.5, Close-Off: 25 PSI	\$248
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Conn, Cv: 4.0, Close-Off: 25 PSI	\$245
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$294
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$276
550000339	CCP Trim Kit, 12-30, Mount Covers	\$331
550000340	CCP Trim Kit, 36-48, Mount Covers	\$191
550003440	Condensate Pump 09-48, 115/208/230 Vac, Field-installed, 48 in Lift, Internal Mount	\$637
240003106	Condensate Pump Kit, 144 in lift, 208/230 Vac, External Floor Mount, Field-installed	\$123
240003107	Condensate Pump Kit, 144 lift, 115 Vac, External Floor Mount, Field-installed	\$123

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 #	<b>2-Pipe Chilled Water High-Wall Air Handlers - No Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)</b>	<b>Trade Price</b>
WCP12A010AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,195
WCP18A010AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,716
WCP30A010AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$4,441
WCP12D010AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,230
WCP18D010AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$3,687
WCP30D010AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Wall T-Stat	\$4,430
WCP12F010AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-Stat	\$3,230
WCP18F010AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-Stat	\$3,716
WCP30F010AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Wall T-Stat	\$4,441
Item #	<b>2-Pipe Chilled Water High-Wall Air Handlers - No Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)</b>	<b>Trade Price</b>
WCP12A000AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,385
WCP18A000AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,059
WCP30A000AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,631
WCP12D000AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,488
WCP18D000AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,973
WCP30D000AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,659
WCP12F000AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,488
WCP18F000AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,059
WCP30F000AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, No Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,631
Item #	<b>2-Pipe Chilled Water High-Wall Air Handlers - Electric Heat Wall Thermostat Operation Only (24 Vac wall thermostat sold separately)</b>	<b>Trade Price</b>
WCP12A310AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Wall T-Stat	\$3,618
WCP18A310AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Wall T-Stat	\$4,167
WCP30A510AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, 1.25 kW Elec Heat, Wall T-Stat	\$4,945
WCP12D310AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Wall T-Stat	\$3,515
WCP18D310AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Wall T-Stat	\$3,995
WCP30D510AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Wall T-Stat	\$4,681
WCP12F310AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Wall T-Stat	\$3,515
WCP18F310AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Elec Heat, Wall T-Stat	\$4,167
WCP30F510AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Elec Heat, Wall T-Stat	\$4,681
Item #	<b>2-Pipe Chilled Water High-Wall Air Handlers - Electric Heat Unit Mounted Controller IR Remote Compatible (handheld remote sold separately)</b>	<b>Trade Price</b>
WCP12A300AA0B0A	9,000-12,000 Btu/h, 115 V/1 ph/ 50 Hz, 0.75 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,618
WCP18A300AA0B0A	15,000-18,000 Btu/h, 115 V/1 ph/ 60 Hz, 0.75 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,167
WCP30A500AA0B0A	24,000-30,000 Btu/h, 115 V/1 ph/ 60 Hz, 1.25 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,945
WCP12D300AA0B0A	9,000-12,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,733
WCP18D300AA0B0A	15,000-18,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 3 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,167
WCP30D500AA0B0A	24,000-30,000 Btu/h, 208-230 V/1 ph/ 60 Hz, 5 kW Elec Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,024
WCP12F300AA0B0A	9,000-12,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$3,733
WCP18F300AA0B0A	15,000-18,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 3 kW Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$4,167
WCP30F500AA0B0A	24,000-30,000 Btu/h, 220-240 V/1 ph/ 50 Hz, 5 kW Heat, Unit-Mount Ctrlrs, Handheld Remote Compatible	\$5,024



## 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	\$95
240008210	24 Vac Single Stage, Heat/Cool, 7-Day Programmable, Auto Changeover Thermostat	\$172
240003455	Infrared Handheld Remote Controller w/ Wall Cradle <b>(Unit-Mount Controlled Units Only)</b>	\$137
240004563	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 3.5, Close-Off: 25 PSI	\$248
240002421	3-Way NC Valve, 24 Vac Actuator, 1/2 in Sweat Conn, Cv: 4.0, Close-Off: 25 PSI	\$245
240009598	3-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$294
240009597	2-Way NC Valve, 24 Vac Actuator, 3/4 in Sweat Conn, Cv: 7.5, Close-Off: 17 PSI	\$276
550003439	Condensate Pump 09-30 115/208/230 Vac Field-installed, 48 in, Internal Mount	\$674
240003106	Condensate Pump Kit, 144 in lift, 208/230 Vac, External Floor Mount, Field-installed	\$123
240003107	Condensate Pump Kit, 144 in lift, 115 Vac, External Floor Mount, Field-installed	\$123

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).

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## SHIPMENTS

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

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

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## 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](mailto: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](http://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.



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Tel. 800 325 5479  
[www.ecrinternational.com](http://www.ecrinternational.com)

All specifications subject to change without notice.  
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PN 240011128 REV. C [05/15/2021]