

# DO-IT-YOURSELF DUCTLESS SINGLE ZONE MINI-SPLIT HEAT PUMP

## Four Popular Single Zone Models

-9KBtu / 12KBtu / 18KBtu / 24KBtu

## DO-IT-YOURSELF

### Features

- Smartphone Compatible
- Quick Connect Linesets
- Follow Me Function
- Leak Detection
- Low Ambient Cooling
- Auto Restart
- Sleep Mode



Coast *Air*



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# DO-IT-YOURSELF SYSTEMS

## Ductless Single Zone Mini-Split Heat Pump

### Specifications

Model	CAD09-0A	CAD12-0A	CAD18-1A	CAD24-1A
Indoor	B-CAD09-0A	B-CAD12-0A	B-CAD18-1A	B-CAD24-1A
Outdoor	A-CAD09-0A	A-CAD12-0A	A-CAD18-1A	A-CAD24-1A
Power supply - Ph-V-Hz	115V, 1Ph, 60Hz	115V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz	208-230V, 1Ph, 60Hz
Cooling Capacity - Btu/h	9,000	12,000	18,000	23,000
Input - W	620	960	1440	1840
Rated current - A	5.4	8.35	6.4	8.2
EER2 - Btu/w	14.5	12.5	12.3	12.5
SEER2 - Btu/w	25	22.5	22.7	20.5
Heating Capacity - Btu/h	9,900	12,000	18,000	25,000
Input - W	772	1140	1425	2326
Rated current - A	6.72	9.11	6.2	10.2
COP - W/W	3.76	3.09	3.70	3.15
HSPF2-4 - Btu/w	10.8	9	9.8	9.2
HSPF2-5 - Btu/w	8	7	7.2	7.1
Minimum Circuit Ampacity - A	19	19	18	22
Max. Fuse - A	25	25	30	35
Indoor air flow (Hi/Mi/Lo) - CFM	341/306/212/147	341/306/212/147	694/466/362/305	733/606/506/365
Indoor noise level (Hi/Mi/Lo) - dB(A)	37/31/24	37/31/24	44.5/37/31	48.5/43.5/33
Indoor unit - inch (W x D x H)	31.57x7.44x11.69	31.57x7.44x11.69	42.52x8.90x13.19	42.52x8.90x13.19
Net/Gross weight - lbs.	24.03/34.17	24.03/34.17	34.61/56.00	35.27/60.19
Outdoor air flow - CFM	1236	1236	1765	2236
Outdoor noise level - dB(A)	53.5	53.5	58.5	60
Outdoor unit - inch (W x D x H)	30.12x11.93x21.85	30.12x11.93x21.85	35.04x13.46x26.50	37.24x16.14x31.89
Net/Gross weight - lbs	65.70/70.55	65.70/70.55	94.36/100.97	125.22/143.74
Refrigerant type - oz	R410A/38	R410A/38	R410A/56.4	R410A/81
Refrigerant precharge - ft	25	25	25	25
Additional charge for each ft - oz	0.161	0.161	0.161	0.322
Design pressure - PSIG	550/340	550/340	550/340	550/340
Refrigerant piping	6.35mm(1/4in)/ 12.7mm(1/2in)	6.35mm(1/4in)/ 12.7mm(1/2in)	6.35mm(1/4in)/ 12.7mm(1/2in)	9.52mm(3/8in)/ 15.9mm(5/8in)
Liquid side/ Gas side - mm(inch)				
Max. refrigerant pipe length - ft	82	82	98	98
Max. difference in level - ft	33	33	66	66
Connection wiring	14AWG*4 Stranded, unshielded	14AWG*4 Stranded, unshielded	14AWG*4 Stranded, unshielded	14AWG*4 Stranded, unshielded
Thermostat type	Remote Control	Remote Control	Remote Control	Remote Control
<b>Operation temperature</b>				
Indoor(cooling/ heating) - °C	17~32/0~30	17~32/0~30	17V32/0~30	17~32/0~30
Indoor(cooling/ heating) - °F	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86
Outdoor(cooling/heating) - °C	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30
Outdoor(cooling/heating) - °F	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86
Application area (cooling std) - m2	28-37	37-51	51-93	93-140

Quick Connect Lineset	
D4080816DIY	1/4" x 1/2" x 16"
O6100816DIY	3/8" x 5/8" x 16"
D4080825DIY	1/4" x 1/2" x 25"
O6100825DIY	3/8" x 5/8" x 25"



DIY VIDEO

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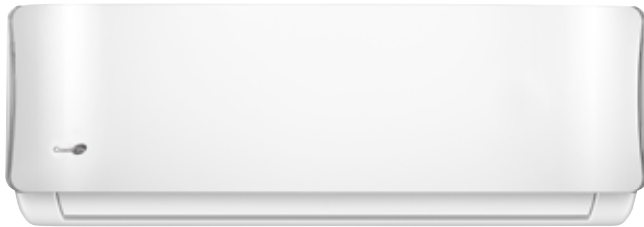
# DO-IT-YOURSELF SYSTEMS

## Ductless Single Zone Mini-Split Heat Pump

### INDOOR

#### Product Includes

- Indoor Evaporator Unit
- Mounting Bracket + Template
- Optional Extra Foam Insulation
- 1x Bag of Wall Anchors & Screws
- Remote Control Wall Bracket
- Smart Phone Compatibility Kit



**B-CAD09-0A / 9,000 BTUH**  
**B-CAD12-0A / 12,000 BTUH**  
**B-CAD18-1A / 18,000 BTUH**  
**B-CAD24-1A / 23,000 BTUH**

### OUTDOOR

#### Product Includes

- Flexible Drain Tube
- Condenser Anti-Vibration Pads
- Flexible Duct Sealer Gum
- Drain Elbow
- Drain Elbow Rubber Seal
- Outdoor Condenser
- Vinyl Wrap to Secure Lineset
- Thru the Wall Collar
- 25' Insulated Pre-Charged Copper Line Set With Quick-Connect Fittings



*1 Year Limited Warranty*



**A-CAD24-1A / 23,000 BTUH**



**A-CAD09-0A / 9,000 BTUH**  
**A-CAD12-0A / 12,000 BTUH**  
**A-CAD18-1A / 18,000 BTUH**

# DO-IT-YOURSELF DUCTLESS SINGLE ZONE MINI-SPLIT HEAT PUMP

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.

\*This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65.\*



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