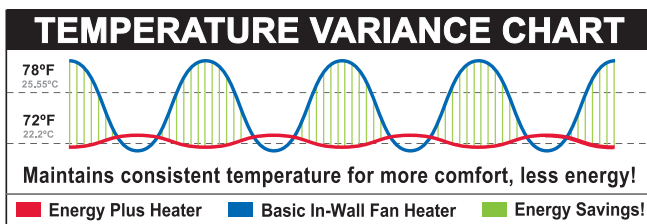




General Information:

The Energy Plus heater delivers MORE comfort and uses LESS energy than standard in-wall fan heaters by using an innovative electronic, proportional controller that varies the wattage and fan speed outputs. This intelligent control adjusts to maintain the desired temperature for the room, delivering only the heat needed for maximum efficiency and quiet performance. The soft, quiet heat reduces on/off cycling and wasted energy.



The electronic control reduces temperature swings to a variance of only one degree, versus eight degree temperature swings of basic thermostats.



MORE COMFORT

- Maintains consistent temperature: eliminates wide temperature swings
- Quiet, variable speed fan
- Fan-only mode circulates air: 3 fan speeds for optimum comfort



LESS ENERGY

- Uses up to 30% less energy
- Energy efficient: uses only the heat you need to maintain comfort
- Auto adjusting fan speed and wattage output
- Digital temperature control



EASY INSTALLATION

- Available in:
1600 watts at 240 volt, 1500 watts at 208 volt, and 1000 watts at 120 volt
800 watts at 240 volt, 750 watts at 208 volt and 500 watts at 120 volt
- Factory set at 240 volts, built-in sensor automatically detects incoming power supply for easy installation. Simple black and white wire connectors included to switch heater to required voltage for your existing circuit
- Small, space saving design installs in 3 easy steps
- Simple to use push buttons
- Maximum and minimum set point lock feature



HIGH QUALITY

- Made in the USA
- Powder coated: no sharp edges
- Heavy duty sealed heating element
- Patent pending
- 5 year warranty



TRUE SAFETY

- Thermal Safeguard: high temperature manual reset turns off heater if normal operating temperatures are exceeded
- Independent 3rd party testing



**Learn more about
The Energy Plus
Scan with your
smartphone!**



ENERGY PLUS FEATURES

Digital Thermostat

Maximum and Minimum Set Point Lock provides child safety or tamper proof option

Dual Set Point: Home or Away

Large Temperature Display with digital backlight

Simple Push Buttons raise or lower temperature

Rocker Switch easily changes modes

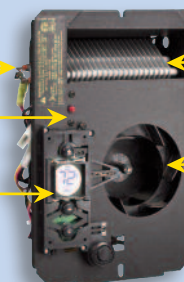
Fan Operation
Night/Away
Mode Icon
Heating Mode



120, 208 or 240 Volt: sensor detects your power supply for foolproof installation

High Temperature Safety Reset:

Built-In Electronic Control: delivers precise, consistent temperature control



Heater Assembly

Durable Sealed Heating Element

Quiet, Variable Speed Fan



Wall Can



Specifications



PHONE 360.693.2505
FAX 360.694.8668
WEB www.cadetco.com

Architectural Specifications:

Fan forced electric air heaters shall be ETL listed, factory field rated for multi-watt (120V/208V/240V) installations.

ENCLOSURE: The wall mounting can for this heater shall be of 20-gauge sheet steel with six electrical knockouts and 22 cubic inches for a wiring compartment, and finished with a powder coat paint system.

CONSTRUCTION: Each complete heater shall be of unitized construction and attach to the wall can with a single screw and shall be self-contained and completely separate from the wall mounting can. Metal grill shall be of one piece, 22-gauge steel construction, and finished with a powder coat paint system.

HEATING ELEMENT: Element construction is a coiled nichrome heating wire sealed in a steel sheath with steel fins brazed to the sheath.

OVERHEAT PROTECTION: Heating unit shall include a 16-amp rating at 240V, high temperature manual reset limit switch. Unit shall be protected from over-voltage use.

FAN AND MOTOR: A two stage centrifugal blower shall be driven by an impedance protected motor. The motor shall be totally isolated from the heating chamber. Unit shall be equipped with a fan only mode for air circulation. The air flow rate shall be 18 to 44 cfm.

CONTROLS: Control to provide automatic regulation to prevent over-voltage, independent control of motor and heating element to optimize comfort and minimize energy use, motor soft-start, and in-rush current limiting. The proportional fan and heat operation shall automatically adjust fan speed and wattage output from 1600 or 800 watts to 200 watts (240v power) depending on heat loss within the space. The controls shall include a one-button set back operation that is adjustable for night or away mode, and a maximum and minimum lock feature.

Ordering Information:

Replace your Com-Pak Series heaters and enjoy greater energy savings and better comfort. Fits pre-existing vertically mounted wall cans for the following models: C, CB, CM, CS, FX, X. **A wall thermostat may not be used to control this heater. This model cannot be used to replace Com-Pak heaters installed in pre-existing FW and RB model wall cans.**

Technical Information:

All heaters include an onboard digital thermostat. Fan heaters work best when installed on an inside wall. The CE Series heater **REQUIRES** A MINIMUM distance of 6 inches from adjacent surfaces and 4½ inches from the floor. However, Cadet **RECOMMENDS** 12 inches from all adjacent surfaces and 12 inches above the floor for longer and cleaner performance. A 3' minimum clearance is required for furniture or other objects placed directly in front of the heater. Install vertically. Heater is not approved for horizontal or ceiling mount applications.

UPC Code				WATTS			AMPS			Wt./Lbs
Part#	Model#	Description		240V	208V	120V	240V	208V	120V	
027418 65201 0	CEC163TW	Complete Unit, Multi-Volt, White		1600	1500	1000	6.67	7.21	8.33	8.1
027418 65204 1	CE163T	Heater Assembly Only Multi-Volt		1600	1500	1000	6.67	7.21	8.33	5.15
027418 65203 4	CE083T	Heater Assembly Only Multi Volt		800	750	500	3.33	3.61	4.17	5.0

NOW AVAILABLE

UPC Code				ACCESSORIES		Wt./Lbs
Part#	Model#	Description				
027418 67060 1	CC10	CS Wall Can Ten Pack				22.5
027418 67061 8	CC	CS Wall Can Single Pack				2.5
027418 65250 8	CEGW	CE Grill with parts, White				1.5
027418 67105 9	CAMW	18.5" x 22" Metal Adapter Plate CS Series, White				3.5
027418 67115 8	SAMW	12" x 21.25" Metal Adapter Plate CS Series, White				2
027418 06395 3	CS4W	4" Surface Mount Metal Adapter, White				3.5

Model No. Code						
CE	C	16	3	T	W	Energy Plus Fan Heater
						With Wall Can
						Wattage: 16 = 1600/1500/1000
						08 = 800/750/500
						Voltage: 3 = Multi-Volt
						Includes Thermostat
						Color: White

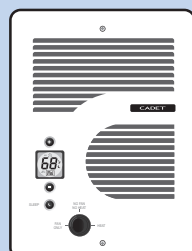
Carton Details

Complete Unit Carton

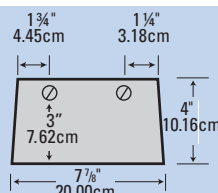
DIMENSIONS | 10.875"W x 12.625"H
x 6.56"D

PALLET QTY. | 72

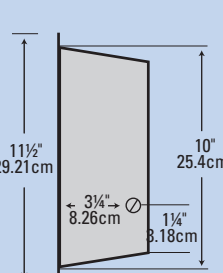
CUBE | .52



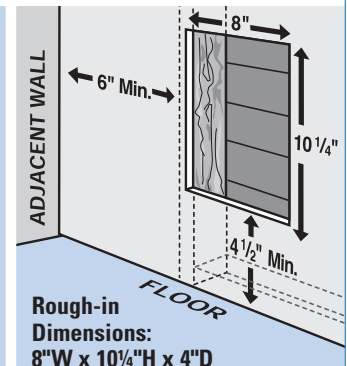
Grill Dimensions:
9"W x 12"H x 5/8"D



Top View



Side View



Rough-in
Dimensions:
8"W x 10 1/4"H x 4"D