

CDF SERIES

COMMERCIAL DOWNFLOW CEILING HEATER



IDEAL SPACES

- Bathrooms
- Offices
- Conference Rooms
- Lobbies
- Waiting Rooms
- Entrance Ways

COLORS

- Navajo White
- Northern White

RECESSED

- 23-3/4" W x 23-3/4" L x 7" D

TEMP RANGE

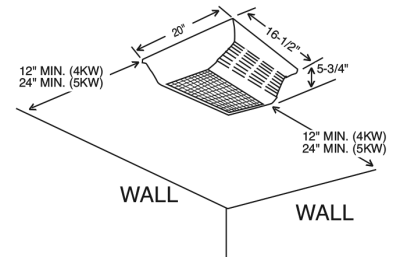
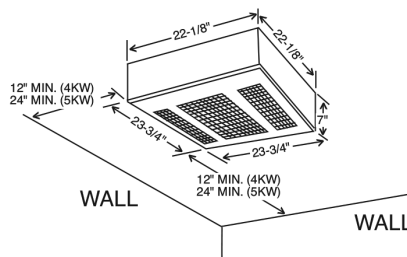
- 45°-90° F

CFM

- 300



- CDFSE "surface enclosures" are designed to mount flat on the ceiling and extend only 6 in. into the room
- CCFRE "recessed enclosures" have no protrusions outside recess box, allowing the heater to recess only 7 in. into ceiling space. Mounts in T-Bar or permanent ceiling with trim ring
- 208V and 240V heaters can be field-converted from single- to three-phase operation. 5,000-watt heater can be field-converted to 3,800 or 2,500 watts and 4,000-watt heater to 3,000 or 2,000 watts
- BMS-compatible with use of relays
- Three adjustable airflow patterns from 14 ft. ceilings: wide, narrow or asymmetrical patterns
- Automatic fan delay eliminates cold drafts on start-up and discharges residual heat from the heater body during shut down
- Automatic thermal cutout: shuts off the heater in the event of overheating and reactivates heater when temperature returns to normal
- Easy installation: Thumb pins align and temporarily hold enclosure cover to heating section freeing both hands to finish installation



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MODELS & SPECIFICATIONS

CATALOG NUMBER	UPC	MOUNTING	KW	BTU/HR (000)	AMPS	VOLTS	PHASE	CFM	SHIP WT. (LBS.)
CDF548	6 85360 01510 1	Heater Section Only	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1-3	300	27
CDF542	6 85360 01508 8				16.7/12.5/8.3	240	1-3		
CDF547	6 85360 01509 5				14.4/10.8/7.2	277	1		
CDF558	6 85360 01513 2		5/3.8/2.5	17.1/13/8.5	24/18.3/12	208	1-3	300	27
CDF552	6 85360 01511 8				20.8/15.8/10.4	240	1-3		
CDF557	6 85360 01512 5				18.1/13.7/9	277	1		

ACCESSORIES

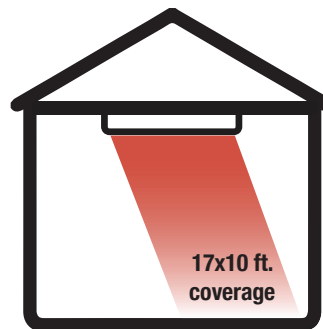
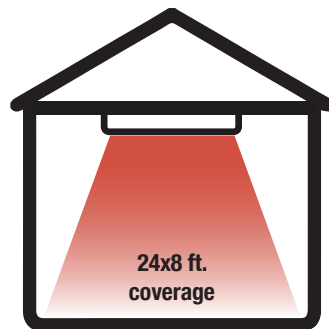
CATALOG NUMBER	UPC	DESCRIPTION	SHIP WT. (LBS.)
CDFSE	6 85360 01501 9	Surface Mounting Enclosure Only - To Be Used With Above Heater Sections.	10
CDFRE	6 85360 01498 2	Recess Mounting Enclosure Only - To Be Used With Above Heater Sections.	18
CDFSENW	6 85360 14961 5	Surface mounted Northern White - To Be Used With Above Heater Section. Dim. 20" L x 16-1/2" W x 5-3/4" D.	10
CDFRENW	6 85360 14963 9	Recessed mounted Northern White - To Be Used With Above Heater Sections. Dim. 23-3/4" L x 23-3/4" W x 7" D.	18
CDFT	6 85360 01503 3	Thermostat SPST Range 45 to 95°F.	1
CDF24R	6 85360 01507 1	Relay (Time Delay 45-60 sec. to close when energized) requires 24 volt supply from remote source.	1
CDFR12	6 85360 01500 2	Relay (Time Delay 45-60 sec. to close when energized) requires 120 volt supply from remote source.	1
CDFDS	6 85360 01496 8	Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz.	1
CDSTK	6 85360 01504 0	Trim Ring for mounting on permanent ceiling (cannot be factory installed).	1
CDFTR4	6 85360 01505 7	208/240V Primary Transformer/24V sec. and 24V holding coil control relay.	1
CDFTR7	6 85360 01506 4	277V. Primary Transformer/24V sec. and 24V holding coil control relay.	1

NOTE: Factory-wired for highest wattage, field-convertible to lower wattages. Factory-wired 1-PH, field convertible to 3-PH dual-phase units, maximum amp draw is listed. Amperage shown is for single phase. For factory installation of above controls, additional charges apply.

ADJUSTABLE AIRFLOW OPTIONS

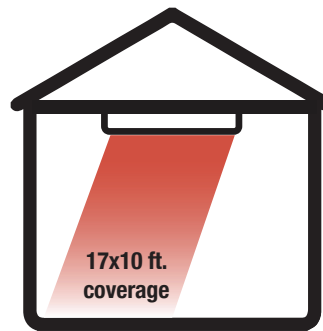
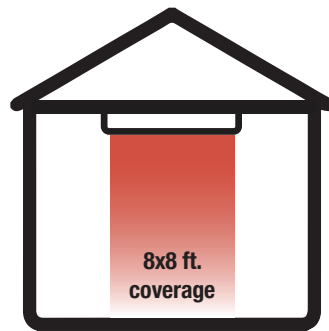
WIDE PATTERN (24x8 ft. coverage)

In standard ceiling applications (8-10 ft.), heater disperses the air to give a gentle, less pronounced pattern while circulating all the air from floor to ceiling.



NARROW PATTERN (8x8 ft. coverage)

For high ceiling applications (11-14 ft.), fan concentrates the heated air to ensure full penetration to the floor level.



**ASYMMETRICAL PATTERN
(17x10 ft. coverage)**
Heated air is directed in a specific direction, allowing the heater to be located where space allows, with the heated air delivered to where it is required.