

# CDF SERIES

## Commercial Downflow Ceiling Heater

# CEILING HEATERS



Now compatible with  
**SmartSeries® Plus!**



### Technical Specifications:

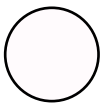
Temp Range: 45°-90°F

CFM: 300

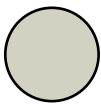
Grille Gauge: 20

### Ideal Spaces:

Bathrooms  
Offices  
Conference Rooms  
Lobbies  
Waiting Rooms  
Entrance Ways



White



Beige

- › CDFSE “surface enclosures” are designed to mount flat on the ceiling and extend only 6 in. into the room
- › CDFRE “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
- › 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 over-heating 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
- › BMS-compatible with use of relays



SmartSeries Plus

The SmartSeries Plus control offers optimal control and easy integration whether via a BACnet MT/TP BMS or it's standalone digital, 7-day programmable touchscreen with cooling and vacation modes standard with no extra components

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### Models & Specifications:

ITEM INFORMATION				ELECTRICAL DATA					
CATALOG NO.	UPC	MOUNTING	KW	BTU/HR.	AMPS	VOLTS	PHASE	SHIP WT.	
◆ CDF548	685360015101	Heater Section Only	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1-3	27 lbs	
◆ CDF542	685360015088	Heater Section Only	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1-3	27 lbs	
◆ CDF547	685360015095	Heater Section Only	4/3/2	13.7/10.2/6.8	14.4/10.8/7.2	277	1	27 lbs	
◆ CDF558	685360015132	Heater Section Only	5/3.8/2.5	17.1/13/8.5	24/18.3/12	208	1-3	27 lbs	
◆ CDF552	685360015118	Heater Section Only	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1-3	27 lbs	
◆ CDF557	685360015125	Heater Section Only	5/3.8/2.5	17.1/13/8.5	18.1/13.7/9	277	1	27 lbs	

SKU Legend: ◆ = Popular Products; ● = Extended Offering (Contact your local Marley Sales Representative for typically associated lead times)

### Models & Specifications - Packaged Options:

ITEM INFORMATION				ELECTRICAL DATA					
CATALOG NO.	UPC	MOUNTING	KW	BTU/HR.	AMPS	VOLTS	PHASE	SHIP WT.	
◆ CDF542RE		Recessed Mount	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1-3	37 lbs	
◆ CDF542SE		Surface Mount	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1-3	27 lbs	
◆ CDF547RE	685360152745	Recessed Mount	4/3/2	13.7/10.2/6.8	14.4/10.8/7.2	277	1	37 lbs	
◆ CDF547SE	685360152752	Surface Mount	4/3/2	13.7/10.2/6.8	14.4/10.8/7.2	277	1	27 lbs	
◆ CDF548RE	685360152769	Recessed Mount	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1-3	37 lbs	
◆ CDF548SE	685360152776	Surface Mount	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1-3	27 lbs	
◆ CDF552RE	685360152783	Recessed Mount	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1-3	37 lbs	
◆ CDF552SE	685360152790	Surface Mount	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1-3	27 lbs	
◆ CDF557RE	685360152806	Recessed Mount	5/3.8/2.5	17.1/13/8.5	18.1/13.7/9	277	1	37 lbs	
◆ CDF557SE	685360152813	Surface Mount	5/3.8/2.5	17.1/13/8.5	18.1/13.7/9	277	1	27 lbs	
◆ CDF558RE	685360152820	Recessed Mount	5/3.8/2.5	17.1/13/8.5	24/18.3/12	208	1-3	37 lbs	
◆ CDF558SE	685360152837	Surface Mount	5/3.8/2.5	17.1/13/8.5	24/18.3/12	208	1-3	27 lbs	

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### Optional Accessories - Electronic / Control Options:

CATALOG NO.	UPC	DESCRIPTION	SHIP WT.
CDFT	685360015033	Integral thermostat SPST — Range 45 to 95°F	1 lbs
CDF24R	685360015071	Relay (Time Delay 45–60 sec. to close when energized) requires 24V supply from remote source	1 lbs
CDFR12	685360015002	Relay (Time Delay 45–60 sec. to close when energized) requires 120V supply from remote source	1 lbs
CDFDS_R	685360174952	Recessed Mount Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz	1 lbs
CDFDS_S	685360174945	Surface Mount Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz	1 lbs
CDFTR4	685360015057	208/240V Primary Transformer/24V sec. and 24V holding coil control relay	1 lbs
CDFTR7	685360015064	277V Primary Transformer/24V sec. and 24V holding coil control relay	1 lbs

### Optional Accessories - Mounting Options:

CATALOG NO.	UPC	DESCRIPTION	SHIP WT.
CDFSE	685360015019	Surface-mounted enclosure (Beige) — to be used With above heater section. 20" L x 16 1/2" W x 5 3/4" D	10 lbs
CDFRE	685360014982	Recessed-mounted enclosure (Beige) — to be used With above heater section. 23 3/4" L x 23 3/4" W x 7" D	18 lbs
CDFSENW	685360149615	Surface-mounted White — to be used With above heater section. 20" L x 16 1/2" W x 5 3/4" D	10 lbs
CDFRENW	685360149639	Recessed-mounted White — to be used With above heater section. 23 3/4" L x 23 3/4" W x 7" D	18 lbs
CDFTK	685360015040	Trim Ring for mounting on permanent ceiling (cannot be factory installed)	1 lbs
CDFRFK	685360171548	Mounting Bracket Retrofit Kit	2.5 lbs

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.

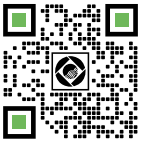
\*Optional Power Relays or Integral Thermostats cannot be used when the Transformer Relay Option is chosen

For easy BMS integration, heater, relay, and SmartSeries Plus are needed

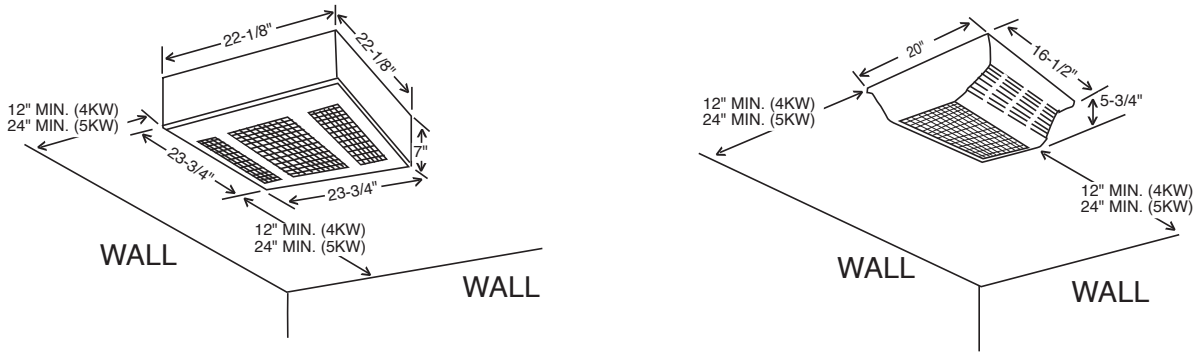
# CDF SERIES

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Scan the QR code  
to access additional  
specs and features



### Dimensions and Clearances:

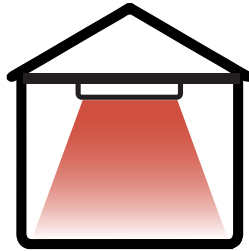


### Adjustable Airflow Options:

#### Wide Pattern

(24x8 ft. coverage)

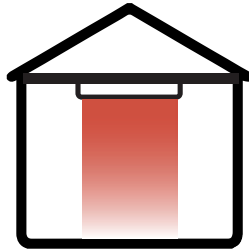
In standard ceiling applications (8-10 ft.), heater disperses the air to give a gentle, less pronounced pattern while circulating all the air from floor to ceiling.



#### 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.

