CDF SERIES
Commercial Downflow Ceiling Heater



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

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5 YEAR WARRANTY ELEMENT

1 YEAR WARRANTY WORKMANSHIP



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

QMARK A Marley Engineered Products Brand

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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	685360186030	Recessed Mount	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1–3	37 lbs
◆	CDF542SE	685360186047	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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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.

Optional Accessories – Electronic / Control Options:

CATALOG NO.	UPC	DESCRIPTION	COLOR	SHIP WT.
CDFT	685360015033	Integral thermostat SPST — Range 45 to 95°F	—	1 lbs
CDFDS	685360014968	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

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

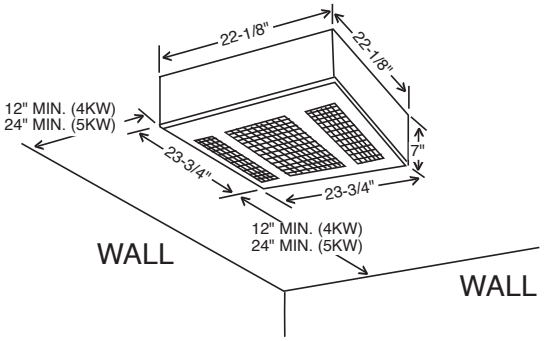
Optional Accessories – Mounting Options:

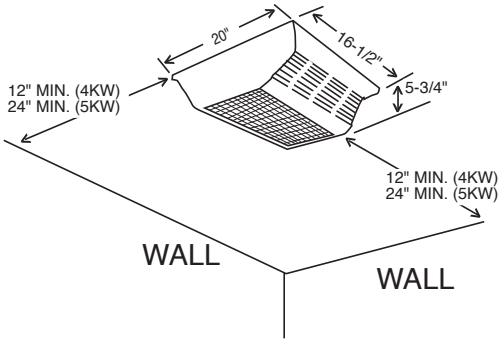
CATALOG NO.	UPC	DESCRIPTION	COLOR	SHIP WT.
CDFSE	685360015019	Surface-mounted enclosure — to be used with above heater section. 20" L x 16 ½" W x 5 ¾" D	Beige	10 lbs
CDFRE	685360014982	Recessed-mounted enclosure — to be used with above heater section. 23 ¾" L x 23 ¾" W x 7" D	Beige	18 lbs
CDFSENW	685360149615	Surface-mounted — to be used with above heater section. 20" L x 16 ½" W x 5 ¾" D	White	10 lbs
CDFRENW	685360149639	Recessed-mounted — to be used with above heater section. 23 ¾" L x 23 ¾" W x 7" D	White	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

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Scan the QR code to access additional specs and features

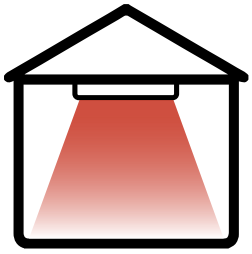
Dimensions and Clearances:



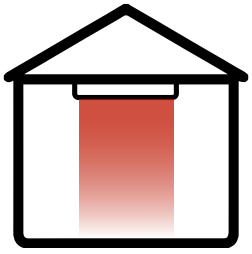


Adjustable Airflow Options:

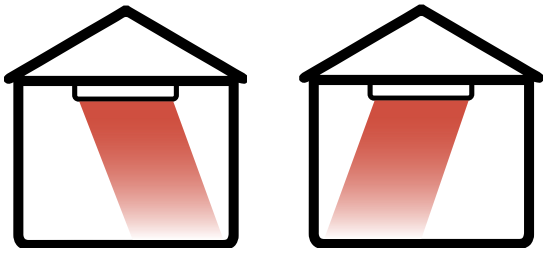
Wide Pattern
(24x8 ft. coverage)
In standard ceiling applications (8–10 ft.), heater disperses the air to give a gentle, less pronounced pattern while circulating all the air from floor to ceiling.



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.



Suggested Controls



Now compatible with SmartSeries Plus when used with 24VAC control transformer!