FFCH 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

- FFCHSE “surface enclosures” are designed to mount flat on the ceiling and extend only 6 in. into the room
- FFCHRE “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

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

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Models & Specifications:

	ITEM INFORMATION			ELECTRICAL DATA					
	CATALOG NO.	UPC	MOUNTING	KW	BTU/HR.	AMPS	VOLTS	PHASE	SHIP WT.
◆	FFCH548	685360026527	Heater Section Only	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1–3	27 lbs
◆	FFCH542	685360026503	Heater Section Only	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1–3	27 lbs
◆	FFCH547	685360026510	Heater Section Only	4/3/2	13.7/10.2/6.8	14.4/10.8/7.2	277	1	27 lbs
◆	FFCH558	685360026558	Heater Section Only	5/3.8/2.5	17.1/13/8.5	24/18.3/12	208	1–3	27 lbs
◆	FFCH552	685360026534	Heater Section Only	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1–3	27 lbs
◆	FFCH557	685360026541	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.
◆	FFCH542RE	685360186054	Recessed Mount	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1–3	37 lbs
◆	FFCH542SE	685360186061	Surface Mount	4/3/2	13.7/10.2/6.8	16.7/12.5/8.3	240	1–3	27 lbs
◆	FFCH547RE	685360174341	Recessed Mount	4/3/2	13.7/10.2/6.8	14.4/10.8/7.2	277	1	37 lbs
◆	FFCH547SE	685360174358	Surface Mount	4/3/2	13.7/10.2/6.8	14.4/10.8/7.2	277	1	27 lbs
◆	FFCH548RE	685360174303	Recessed Mount	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1–3	37 lbs
◆	FFCH548SE	685360174310	Surface Mount	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1–3	27 lbs
◆	FFCH552RE	685360174389	Recessed Mount	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1–3	37 lbs
◆	FFCH552SE	685360174396	Surface Mount	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1–3	27 lbs
◆	FFCH557RE	685360174365	Recessed Mount	5/3.8/2.5	17.1/13/8.5	18.1/13.7/9	277	1	37 lbs
◆	FFCH557SE	685360174372	Surface Mount	5/3.8/2.5	17.1/13/8.5	18.1/13.7/9	277	1	27 lbs
◆	FFCH558RE	685360174327	Recessed Mount	5/3.8/2.5	17.1/13/8.5	24/18.3/12	208	1–3	37 lbs
◆	FFCH558SE	685360174334	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.
FFCHT	685360026459	Integral thermostat SPST — Range 45 to 95°F	—	1 lbs
FFCHDS	685360026381	Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz	—	1 lbs
FFCH24R*	685360026473	208/240V Primary Transformer/24V sec. and 24V holding coil control relay	—	1 lbs
FFCHTR7*	685360026480	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

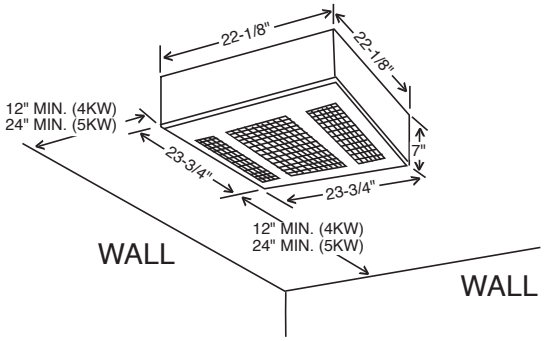
Optional Accessories – Mounting Options:

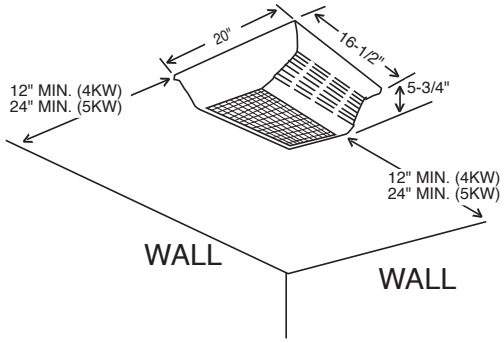
CATALOG NO.	UPC	DESCRIPTION	COLOR	SHIP WT.
FFCHSE	685360026435	Surface-mounted enclosure — to be used with above heater section. 20" L x 16 ½" W x 5 ¾" D	Beige	10 lbs
FFCHRE	685360026404	Recessed-mounted enclosure — to be used with above heater section. 23 ¾" L x 23 ¾" W x 7" D	Beige	18 lbs
FFCHSENW	685360149625	Surface-mounted — to be used with above heater section. 20" L x 16 ½" W x 5 ¾" D	White	10 lbs
FFCHRENW	685360149646	Recessed-mounted — to be used with above heater section. 23 ¾" L x 23 ¾" W x 7" D	White	18 lbs
FFCHTK	685360026466	Trim Ring for mounting on permanent ceiling (cannot be factory installed)	—	1 lbs
FFCHRFK	685360171555	Mounting Bracket Retrofit Kit	—	2.5 lbs

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Scan the QR code to access additional specs and features

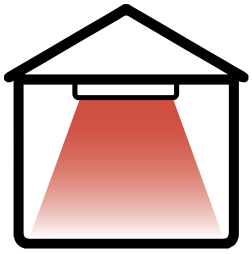
Dimensions and Clearances:



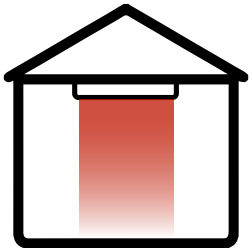


Adjustable Airflow Options:

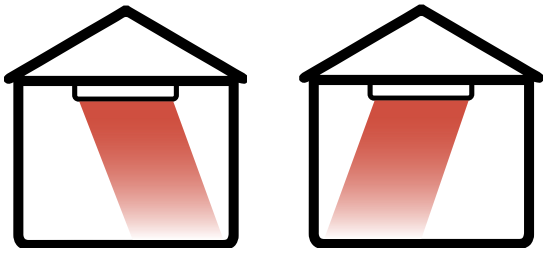
Wide Pattern
(24x8 ft. coverage)
In standard ceiling applications (8–10 ft.), heater disperses the air to give a gentle, less pronounced pattern while circulating all the air from floor to ceiling.



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!