

## FFCH 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

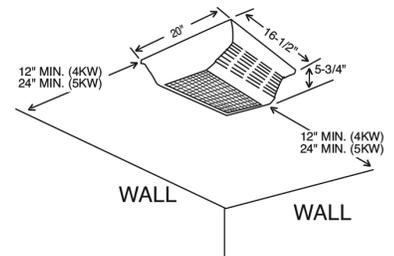
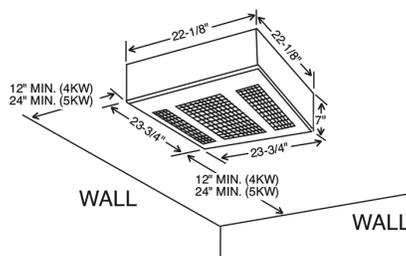
- 45°-90° F

### CFM

- 300



- 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
- 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



## FFCH SERIES

### COMMERCIAL DOWNFLOW CEILING HEATER

#### MODELS & SPECIFICATIONS

CATALOG NUMBER	UPC	MOUNTING	KW	BTU/HR (000)	AMPS	VOLTS	PHASE	CFM	SHIP WT. (LBS.)
FFCH548	6 85360 02652 7	Heater Section Only	4/3/2	13.7/10.2/6.8	19.2/14.2/9.6	208	1-3	300	27
FFCH542	6 85360 02650 3				16.7/12.5/8.3	240	1-3		
FFCH547	6 85360 02651 0				14.4/10.8/7.2	277	1		
FFCH558	6 85360 02655 8				24/18.3/12	208	1-3		
FFCH552	6 85360 02653 4	Heater Section Only	5/3.8/2.5	17.1/13/8.5	20.8/15.8/10.4	240	1-3	300	27
FFCH557	6 85360 02654 1				18.1/13.7/9	277	1		

#### ACCESSORIES

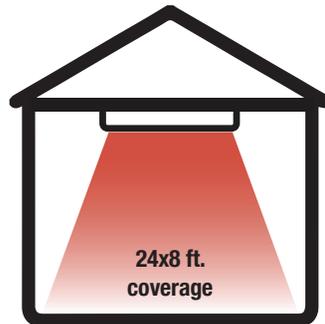
CATALOG NUMBER	UPC	DESCRIPTION	SHIP WT. (LBS.)
FFCHSE	6 85360 02643 5	Surface Mounting Enclosure Only - To Be Used With Above Heater Sections.	10
FFCHRE	6 85360 02640 4	Recess Mounting Enclosure Only - To Be Used With Above Heater Sections.	18
FFCHSENW	6 85360 14962 2	Surface mounted Northern White - To Be Used With Above Heater Section. Dim. 20" L x 16-1/2" W x 5-3/4" D.	10
FFCHRENW	6 85360 14964 6	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
FFCHT	6 85360 02645 9	Thermostat SPST Range 45 to 95°F.	1
FFCH24R	6 85360 02649 7	Relay (Time Delay 45-60 sec. to close when energized) requires 24 volt supply from remote source.	1
FFCHR12	6 85360 02642 8	Relay (Time Delay 45-60 sec. to close when energized) requires 120 volt supply from remote source.	1
FFCHDS	6 85360 02638 1	Power Disconnect Switch (3-Pole) 30 amps, 600 volts, 3Ø, 60 Hz.	1
FFCHTK	6 85360 02646 6	Trim Ring for mounting on permanent ceiling (cannot be factory installed).	1
FFCHTR4	6 85360 02647 3	208/240V Primary Transformer/24V sec. and 24V holding coil control relay.	1
FFCHTR7	6 85360 02648 0	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

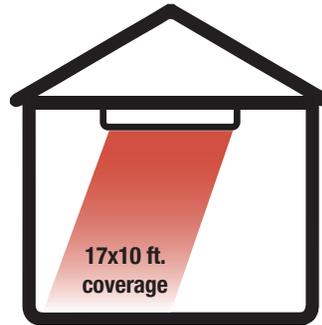
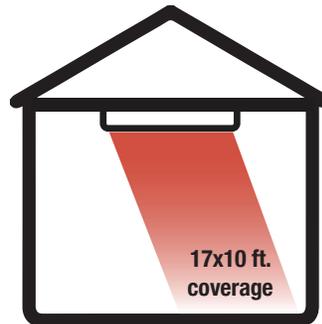
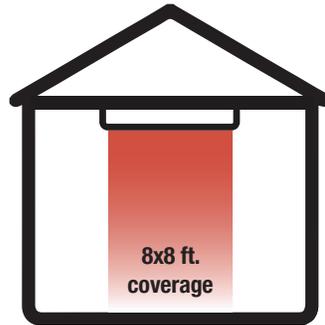
##### WIDE PATTERN (24x8 ft. coverage)

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.