

# COMMERCIAL FAN-FORCED WALL HEATERS

## APPLICATIONS

Fast heat response, compact design and versatility make the CWH1000 Series heaters ideal for dens, basements, converted attics and breeze ways, garages, bathrooms, small offices, workshops and similar areas. Also, adaptable to multiple installations in somewhat larger or odd shaped rooms.

## FEATURES

- Heating element is heavy-duty steel fins brazed to steel sheathed tubular elements in a grid pattern that covers the entire discharge area.
- FAN DELAY: On a call for heat, element is energized but fan is delayed until element is warm, eliminating the circulation of cold air during start up. When the thermostat is satisfied, the element is de-energized, but the fan continues until all heated air is discharged providing longer component life and higher comfort level.
- Designed for easy installation. Heater is mounted prior to wiring. Both hands are free to make field connections in roomy compartment.
- Motor is totally enclosed, impedance protected with permanently lubricated bearings.
- Airflow system maximizes air volume at minimum noise level.
- Rugged louvered commercial grade steel grille creates downflow air pattern.
- This heater is designed for installation in 2 x 4 or larger wall sections using the wall box provided. The heater may also be surface mounted to the wall by using the Surface Mounting Frame, Model No. CWHSM (order separately).

- Includes built-in disconnect switch.
- The heater may be wired with standard building wire (60°). Refer to specification chart for correct supply voltage and wire size.
- Built-in snap action thermostat (no radio/TV interference; 40° - 85°F).
- Northern White durable polyester powder coat finish.

## MOUNTING LIMITATIONS

1. Do not install heater closer than 4" from floor.
2. Do not install heater behind towel rack, behind door, in floor, in ceiling, in closet, or where air flow may be obstructed.
3. Requires 3 wires if remote thermostat is desired.



## GRILLE:

12-1/2"H x 103/8"W x 1"D

## BACK BOX:

11-1/4"H x 9-1/2"W x 3-3/4"D



CATALOG NUMBER	UPC 6 85360	VOLTS	PHASE	WATTS	AMPS	CFM	BTU/HR	WIRE SIZE	SHIP WT
CWH110DS	13950 0	120	1	1000/500*	8.4/4.2	65	3413/1706	14 AWG	20
CWH115DS	13951 7	120	1	1500/750*	12.5/6.25	65	5120/2560	12 AWG	20
CWH120DS	13953 1	120	1	1800	15	65	6143	12 AWG	20
CWH1202DS	13954 8	240	1	2000/1000*	8.3/4.2	65	6826/3413	14 AWG	20
		208		1500/750*	7.2/3.61		5120/2560		
CWH1157DS	13952 4	277	1	1500/750*	5.5/2.75	65	5120/2560	14 AWG	20
		240		1125/562*	4.7/2.35		3840/1920		
CWH1207DS	13955 5	277	1	2000/1000*	7.2/3.61	65	6826/3413	14 AWG	20
		240		1500/750*	6.25/3.2		5120/2560		
CWH1208DS	13956 2	208	1	2000/1000*	9.6/4.8	65	6826/3413	14 AWG	20

\* Factory wired for higher wattage, field convertible to half wattage.

## ACCESSORIES (OPTIONAL)

CATALOG NUMBER	UPC 6 85360	DESCRIPTION	SHIP WT
CWHSM	13947 0	Surface Mounting Frame (Accessory) Order Separately. 12-1/2" H x 10-3/8" W x 4" D	2 lbs.
CWHS1	13948 7	1" Recessed Frame 12-1/2" H x 10-3/8" W x 1" D	2 lbs.
CWHS2	13949 4	2" Recessed Frame 12-1/2" H x 10-3/8" W x 2" D	2 lbs.

# COMMERCIAL FAN-FORCED WALL HEATERS

## APPLICATIONS

For supplementary heating of offices, reception rooms, game rooms, family rooms and similar light-duty commercial and residential applications.

## FEATURES

- 1500, 2000, 3000, 4000 and 4800 watts; 208, 240, 277 volts; 60 hz.
- Steel finned metal sheath electric heating elements provide uniform heat and long service life.
- Integral thermostat for quick installation... separate thermostat not necessary. (Range: 40 - 90°F.)
- Fan only operation for summer use.
- Thermal overload protector disconnects power in event of overheating due to accidental blockage.
- Built-in power disconnect switch for added safety during maintenance.
- Built-in fan delay switch energizes fan motor only after elements are heated... prevents discharge of unheated air. When heat shuts off, de-energizes fan motor after residual heat has been dissipated.
- Can be wired with standard 60°C wire.
- Permanently lubricated totally enclosed fan motor provides long life and low maintenance; gently distributes warmth throughout room area. 100 CFM.
- Front cover is finished in Northern White durable polyester powder coat finish. A hole plug is provided for tamper resistant installations.
- Recess or surface mount in standard 2" x 4" stud walls.

GRILLE: 19-3/16"H x 15-5/16"W x 3-7/8"D

BACK BOX: 18-1/4"H x 14-5/16"W x 3-7/8"D



CATALOG NUMBER	UPC 6 85360	VOLTS	PHASE	WATTS	CFM	AMPS	SHIP WEIGHT
CWH3150	14804 5	120	1	1500	100	12.5	22 lbs.
CWH3180	14805 2	120	1	1800	100	15	22 lbs.
CWH3404*	01935 2	240/208	1	4000/3000 2000/1500	100	16.7/14.5 8.3/7.2	22 lbs.
CWH3407*	01946 8	277/240	1	4000/3000 2000/1500	100	14.5/12.5 7.2/6.3	22 lbs.
CWH3307*	01927 7	277	1	3000/1500	100	10.8/5.4	22 lbs.
CWH3408	01951 2	208	1	4000/2000	100	19.2/9.6	22 lbs.
CWH34083	01956 7	208	3	4000	100	11.1	22 lbs.
CWH34043	01940 6	240	3	4000	100	9.7	22 lbs.
CWH3504	01962 8	208/240	1	3600/4800	100	17.3/20.0	22 lbs.
CWH3507	01973 4	240/277	1	3600/4800	100	15.0/17.3	22 lbs.
CWH3508	01978 9	208	1	4800	100	23.1	22 lbs.
CWH35083	01981 9	208	3	4800	100	13.4	22 lbs.
CWH35043	01967 3	240	3	4800	100	11.6	22 lbs.

## ACCESSORIES (OPTIONAL)

CATALOG NUMBER	UPC 6 85360	DESCRIPTION	SHIP WT.
CWH3SM	01887 4	Surface Mounting Frame	2 lbs.
CWH3SI	01889 8	1" Semi-Recessed Frame	2 lbs.
CWH3S2	01891 1	2" Semi-Recessed Frame	2 lbs.
LFKSFC	04576 4	14 Gauge Security Front Cover	6 lbs.

MOUNTING LIMITATIONS: Do not install heater closer than 8" from floor or adjacent wall surface, behind towel rack or door, upside down or side up, in floor, ceiling or closet.

NOTE: Factory wired for higher wattage, field convertible to half wattage.