

TYPE AWH

ARCHITECTURAL HEAVY DUTY WALL HEATERS (FAN-FORCED)

APPLICATIONS

QMark's high-capacity, heavy-duty fan-forced wall heaters are designed for use almost anywhere in commercial or industrial areas requiring high capacity and quick recovery. They perform exceptionally well in such applications as motels, entryways, stores, public rest rooms, warehouses and other large, hard to heat areas.

FEATURES

- 1500, 2000, 3000, 4000, and 4800 watts; 120, 208, 240, 277 volts; 60 hz.
- Steel finned metal sheath electric heating elements with low sheath temperatures provide uniform heat and long service life.
- Closely spaced grille bars discourage insertion of foreign objects and direct air downward to effectively distribute heat...keep floors warm and dry.
- Integral thermostat for quick installation... separate thermostat not necessary. (Range: 40° - 90°F.) AWH has tamper resistant thermostat adjustable with a narrow blade screwdriver through the bar grille.
- Thermal overload protector disconnects power in case 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 90°C wire.
- Permanently lubricated totally enclosed fan motor provides long life and low maintenance; gently distributes warmth throughout room area. 100 CFM.
- Contemporary steel bar grille with baked enamel finish and satin finished aluminum frame...retains attractive appearance through years of use.*
- Optional accessory power control relays (24 or 120V holding coil) or pneumatic electric (P/E) switch.
- Recess or surface mount in standard 2" x 4" stud walls.

*Northern White color is optional. (Add NW suffix to cat. #)

MOUNTING LIMITATIONS

1. For wall mounting - Do not install back box closer than 8 inches from floor or adjacent wall.
2. Do not install heater behind towel rack, behind door, in floor, in closet, in ceiling or where air flow may be obstructed.

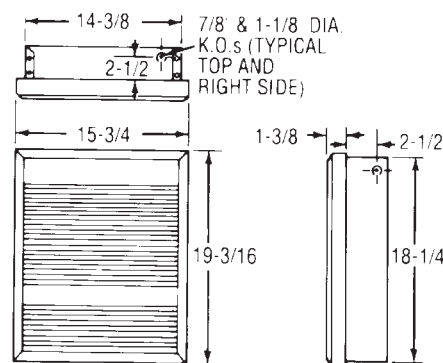
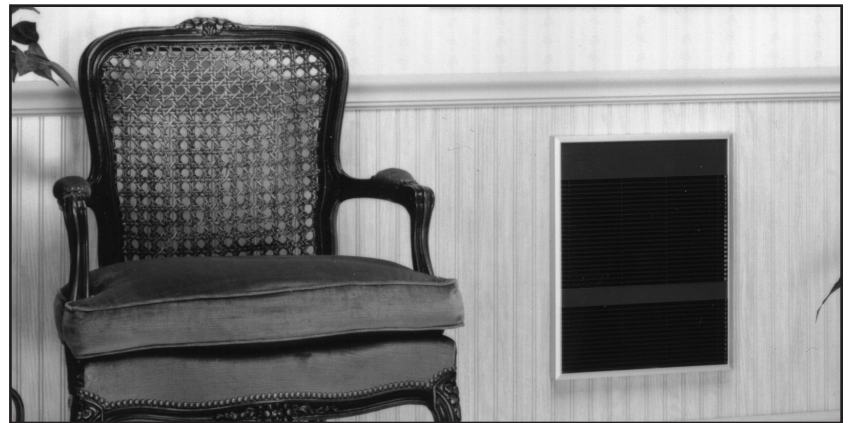
All controls are concealed behind the front cover making them essentially tamper proof. They will accommodate pneumatic/electric or low-voltage controls commonly used with computerized energy management systems.



File #E21609

ACCESSORIES

CATALOG NO.	DESCRIPTION
AWH-PE	Pneumatic/Electric switch. Factory set at 10 psig to "make" on pressure drop. May be field wired to "break" on pressure drop. Pressure set point adjustable to 30 psig. (Field installed.)
AWH-R2 (24 volt) AWH-R12 (120 volt)	Time delay relay 40-60 seconds to close when energized. Use 120V or 24V power supply from remote source. (Field installed.)
AWH-S-1	1" deep surface mounting frame for semi-recessed installation.
AWH-S-2	Same as above except 2" deep.
AWH-SM	Surface mounting frame for surface installations. Painted to match heater decor, 3 1/16" deep.
LFK-SFC	14 Gauge security front cover.



SELECTION CHART

CATALOG NO.	VOLTS	PH.	AMPS	WATTS	BTU/HR	WIRE SIZE
AWH3150	120	1	12.5	1500	5120	12 AWG
AWH3180	120	1	15	1800	6142	12 AWG
AWH4408*	208	1	19.2 9.6	4000 2000	13650 6825	10 AWG
AWH4404*	240	1	16.7 8.3	4000 2000	13650 6825	10 AWG & 12 AWG
	208	1	14.4 7.2	3000 1500	10235 5120	
AWH4407*	277	1	14.4 7.22	4000 2000	13650 6825	12 AWG
	240	1	12.5 6.3	3000 1500	10235 5120	
AWH4307*	277	1	10.8 5.4	3000 1500	10235 5120	12 AWG
AWH4303	347	1	8.6	3000	10235	14 AWG
AWH4508	208	1	23.1	4800	16380	10 AWG
AWH4504	240	1	20	4800	16380	10 AWG
	208	1	17.3	3600	12285	
AWH4507	277	1	17.3	4800	16380	10 AWG
	240	1	15	3600	12285	
AWH4503	347	1	13.8	4800	16380	12 AWG
AWH44083	208	3	11.1	4000	13650	14 AWG
AWH45083	208	3	13.3	4800	16380	12 AWG
AWH44043	240	3	9.6	4000	13650	14 AWG
AWH45043	240	3	11.6	4800	16380	14 AWG

*Heaters shipped at higher wattage. Units can be converted to half-wattage in field.