

# SUBMITTAL SHEET

## GUX SERIES

### Explosion PROOF UNIT HEATERS

**GUX SERIES - EXPLOSION PROOF UNIT HEATERS**

JOB NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

ITEM	QTY.	CATALOG NUMBER	TAG	WATTS	VOLTS	Ø	AMPS	OPTIONAL CONTROLS	MOUNTING TYPE

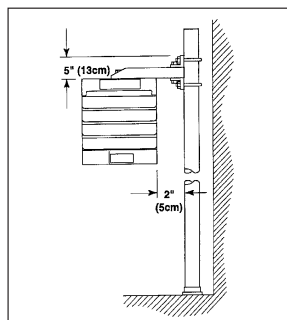
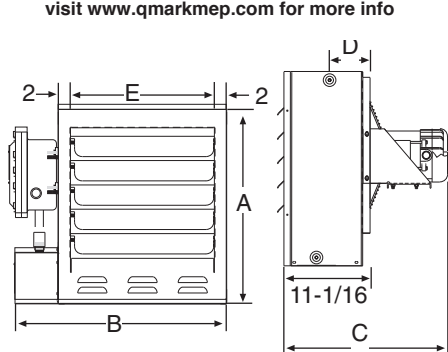
ACCESSORIES  
AND  
CONTROLS

ITEM	QTY.	CAT. NO.	TAG	DESCRIPTION

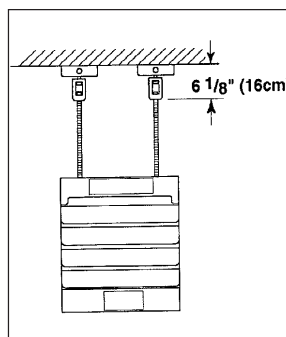
SUBMITTED BY:	DATE	APPROVED BY:	DATE



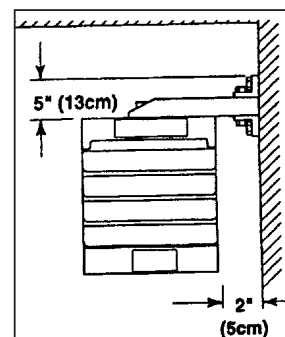
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Pole Mounting Bracket



Ceiling Mounting Bracket



Wall Mounting Bracket

## MODELS & SPECIFICATIONS

CATALOG NO.	UPC	HEATER VOLTS	WATTS (K/W)	PHASE	CONTROL VOLTS*	OUTPUT BTU/HR.	TOTAL AMPS	VOLUME CFM	AIR TEMP RISE	THROW	SHIP WT. (LBS)	SHIP STATUS
GUX300812	6 85360 03470 6	208	3	1	24	10,236	16.7	700	13°F	28 ft.	135	AS
GUX300832	6 85360 03477 5	208	3	3	24	10,236	9.7	700	13°F	28 ft.	135	AS
GUX300412	6 85360 03448 5	240	3	1	24	10,236	14.8	700	13°F	28 ft.	135	C
GUX300432	6 85360 03452 7	240	3	3	24	10,236	8.6	700	13°F	28 ft.	135	C
GUX3004832	6 85360 03458 4	480	3	3	24	10,236	4.3	700	13°F	28 ft.	135	C
GUX300632	6 85360 03468 3	600	3	3	24	10,236	3.6	700	13°F	28 ft.	135	C
GUX500812	6 85360 03503 1	208	5	1	24	17,060	26.3	700	22°F	28 ft.	135	C
GUX500832	6 85360 03508 6	208	5	3	24	17,060	15.3	700	22°F	28 ft.	135	C
GUX500412	6 85360 03481 2	240	5	1	24	17,060	23.1	700	22°F	28 ft.	135	AS
GUX500432	6 85360 03486 7	240	5	3	24	17,060	13.5	700	22°F	28 ft.	135	C
GUX5004832	6 85360 03491 1	480	5	3	24	17,060	6.8	700	22°F	28 ft.	135	S
GUX500632	6 85360 03501 7	600	5	3	24	17,060	5.6	700	22°F	28 ft.	135	C
GUX750812	6 85360 03530 7	208	7.5	1	24	25,590	38.4	840	27°F	28 ft.	135	C
GUX750832	6 85360 03532 1	208	7.5	3	24	25,590	22.2	840	27°F	28 ft.	135	C
GUX750412	6 85360 03513 0	240	7.5	1	24	25,590	33.6	840	27°F	28 ft.	135	AS
GUX750432	6 85360 03517 8	240	7.5	3	24	25,590	19.4	840	27°F	28 ft.	135	C
GUX7504832	6 85360 03521 5	480	7.5	3	24	25,590	9.7	840	27°F	28 ft.	135	S
GUX750632	6 85360 03528 4	600	7.5	3	24	25,590	8.1	840	27°F	28 ft.	135	C
GUX1000832	6 85360 03404 1	208	10	3	24	34,120	29.2	840	36°F	32 ft.	140	C
GUX1000412	6 85360 03387 7	240	10	1	24	34,120	44.5	840	36°F	32 ft.	140	C
GUX1000432	6 85360 03390 7	240	10	3	24	34,120	25.5	840	36°F	32 ft.	140	C
GUX10004832	6 85360 03396 9	480	10	3	24	34,120	12.7	840	36°F	32 ft.	140	S
GUX1000632	6 85360 03402 7	600	10	3	24	34,120	10.6	840	36°F	32 ft.	140	C
GUX1500832	6 85360 03420 1	208	15	3	24	51,180	43	1450	31°F	47 ft.	160	AS
GUX1500432	6 85360 03408 9	240	15	3	24	51,180	37.5	1450	31°F	47 ft.	160	C
GUX15004832	6 85360 03411 9	480	15	3	24	51,180	18.7	1450	31°F	47 ft.	160	S
GUX1500632	6 85360 03418 8	600	15	3	24	51,180	15.7	1450	31°F	47 ft.	160	C
GUX20004832	6 85360 03427 0	480	20	3	24	68,240	24.8	1400	43°F	43 ft.	171	S
GUX2000632	6 85360 03434 8	600	20	3	24	68,240	20.7	1400	43°F	43 ft.	171	C
GUX25004832	6 85360 03436 2	480	25	3	24	85,300	31.1	2330	32°F	54 ft.	216	AS
GUX2500632	6 85360 03439 3	600	25	3	24	85,300	25.8	2330	32°F	54 ft.	216	C
GUX30004832	6 85360 03440 9	480	30	3	24	102,360	37.1	2330	39°F	54 ft.	216	AS
GUX3000632	6 85360 03444 7	600	30	3	24	102,360	30.2	2330	39°F	54 ft.	216	C

NOTE: Above models have built-in 24V control; optional 120V control is available (replace "2" suffix with "1" for 120V control). Includes element, motor, and transformer. All units with status "C" or "AS" are made-to-order and are non-returnable.

## ACCESSORIES

CATALOG NO.	UPC	DESCRIPTION
GUXPM12	6 85360 03379 2	Pole Mounting Bracket for units 3KW thru 10KW
GUXPM16	6 85360 03380 8	Pole Mounting Bracket for units 15KW thru 20KW
GUXPM18	6 85360 03381 5	Pole Mounting Bracket for units 25KW thru 30KW
GUXWM12	6 85360 03382 2	Wall Mounting Kit for units 3KW thru 10KW
GUXWM16	6 85360 03383 9	Wall Mounting Kit for units 15KW thru 20KW
GUXWM18	6 85360 03384 6	Wall Mounting Kit for units 25KW thru 30KW
GUXCM0	6 85360 03378 5	Ceiling/Hang Mounting Kit for all Models

NOTE: Specify type of mounting bracket required at time of order entry.

## DIMENSIONS

UNIT SIZE	A		B		C		D		E	
	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
3-10KW	19-1/8	486	23-7/8	606	21	533	3-1/5	89	13-5/8	346
15-20KW	25	635	27-7/8	708	21	533	4-13/32	112	17-5/8	448
25-35KW	32-1/8	816	31-7/8	810	21-3/4	552	5-1/2	140	21-5/8	549

SUFFIX	DESCRIPTION
AM	Automatic and Manual reset limits
T	Thermostat, 20°-80°F
L	Pilot Light (HEATER ON)
K	Pilot Light (LIMIT TRIPPED)
S	Selector Switch (AUTO/FAN ONLY)
D	Disconnect Switch - 15 amp for heaters rated 12 amps or lower  Disconnect Switch - 30 amp for heaters between 13-24 amps  Disconnect Switch - 60 amp for heaters 24 amps or higher
1*	120 Volt Control Transformer
E	Artic Construction

\* - Change heater suffix "2" to "1" for this option



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## **ARCHITECT'S AND ENGINEER'S SPECIFICATIONS\***

Electric explosion proof unit heaters shall be supplied by QMark, a Marley Engineered Products Brand, Bennettsville, SC, USA, and shall be of the KW rating, voltage and phase specified in the schedule. They shall be fan-forced type, UL and cUL Approved for Class I, Divisions 1 and 2, Group C and D; Class II, Divisions 1 and 2, Groups E, F and G.

Unit heaters shall have manual reset thermal cutout for over-temperature protection, controlling magnetic contactor and 24 Volt control circuit transformer housed in a NEMA 7, 9 cast aluminum enclosure.

The heat exchanger shall be liquid-to-air design, utilizing a steel tube core with integral aluminum fins. Nontoxic, inhibited, propylene glycol heat transfer fluid shall be used that provides freeze protection down to -49° F (-45°C). A Pressure relief plug shall be utilized to provide overpressure protection. The heat exchanger shall include industrial grade electric heating elements.

Heat exchanger and aluminum fan blade to be enclosed in an industrial grade, corrosion-resistant cabinet fabricated from polyester powder-coated, 14 gauge steel. Adjustable outlet louvers to have minimum opening safety stops.

Fan motor shall include permanently lubricated ball bearings and built-in thermal overload protection. Motor to operate at line voltage and be prewired to the control enclosure to eliminate the need for separate field wiring to the motor.

The heater shall be provided with an accessory mounting kit designed to bear the weight of heater assembly. Chose from either a ceiling mounting kit, wall mounting kit, or a pole mounting kit.

The following factory installed and prewired control options are to be supplied: adjustable built-in thermostat, disconnect switch with external handle, fan only switch, 120 Volt control circuit for special external thermostat circuit, pilot light (to indicate abnormal operation.)

The following optional motors are to be installed and prewired to the control enclosure: 50 hertz for international requirements, Arctic duty for -40° F (-40° C) operation raises ITC to T2B, Class I, Group D only, or Class II Group E metal dust location.