

**SUBMITTAL SHEET
MUH-PRO SERIES
HORIZONTAL/VERTICAL
UNIT HEATERS**

CAPACITIES
3KW to 10kW 208, 240, and 480V 1Phase or 3 Phase (Voltage and Phase varies with model)

See Selection Chart

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

SUBMITTED BY: _____

DATE: _____

ITEM	QTY.	CATALOG NUMBER	TAG	WATTS	VOLTS	Ø	AMPS	GRILLE FINISH	CEILING MOUNT

ACCESSORIES
AND
CONTROLS

ITEM	QTY.	CAT. NO.	TAG	DESCRIPTION

SUBMITTED BY:	DATE	APPROVED BY:	DATE

MUH-PRO SERIES - HORIZONTAL/VERTICAL UNIT HEATERS

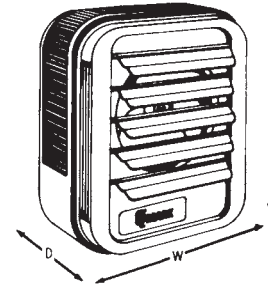


470 Beauty Spot Rd. E, Bennettsville, SC 29512
 visit www.qmarkmep.com for more info

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS*

- Unit mounts either horizontally or vertically. Totally versatile. For factories, warehouses, garages, stores, shipping rooms, power stations. Can be used for primary, supplementary, spot, or dual-system heating.
- Each PRO model comes with a built in single stage thermostat, disconnect switch, and 24VAC transformer.
- Each PRO-SSP model comes with a remote mount SmartSeries Plus control, disconnect switch, and 24VAC transformer.
- Forced air unit heater with 4 power ratings; from 3KW to 10 KW heating output; 208, 240, 277 and 480V.
- 24 compatible models (no need to try to assemble a heating system from 70 or 80 models!)
- Heavy gauge die-formed steel housing. Two-toned, smartly styled with stainless steel louvers.
- Advanced pull-through air flow design draws air across heating element for more even air distribution and cooler element operation.
- Specially designed venturi outlet to meet that added throw as required in vertical position.
- Branch circuit fusing (when required).
- Completely enclosed fan motor.
- 1- or 3-phase wiring on 5 through 10 KW 208/240V units (field interchangeable).
- Aluminum-finned, copper clad steel sheath heating element has longer useful life, because of cooler sheath temperature and faster heat dissipation.
- 24V control transformer standard on all models, providing a safer and more accurate means of temperature control.
- Automatic reset linear thermal cut-out, capillary type, provides protection over entire length of element areas (Manual reset protection available on made-to-order basis).

- Fan delay feature eliminates cold drafts. Element heats up before fan cuts in, then fan continues to distribute heat after element shuts off.
- Ruggedly built, yet lighter weight for easier installation. No piping flutes, valves, or traps.
- Individually adjustable discharge louvers to control air flow.
- Choice of optional diffusers for variety of air patterns, maximizing heat concentration and coverage in the vertical position.
- Meets all UL, NEC, and OSHA requirements.



DIMENSIONS

CAT. NO.	HEIGHT	WIDTH	DEPTH
MUH-03 & 05	16"	14"	7 1/2"
MUH-07 & 10	21 3/4"	19"	7 1/2"

Optional Mounting Brackets:

	CATALOG NO.	UPC	COMPATIBILITY	SHIP WT.:
Standard	B10	685360152295	MUH03-10	8 lbs
Ceiling	CMB10	685360152363	MUH03-10	3 lbs
Vertical Ceiling	VDMB5	685360152455	MUH03-05	5 lbs

SELECTION CHART

Item Information		Electrical Data				Fan Data	Mechanical Data	
Catalog No.	UPC	VOLTS	PHASE	KW	AMPS	Control Volt	CFM	Ship WT.
MUH0381-PRO	00685360173818	208	1	3	14.5	24	350	27 lbs
MUH0381-PRO-SSP	00685360174631	208	1	3	14.5	24	350	27 lbs
MUH0581-PRO	00685360173825	208	1-3	5	24	24	350	27 lbs
MUH0581-PRO-SSP	100685360174600	208	1-3	5	24	24	350	27 lbs
MUH078-PRO	00685360173832	208	1-3	7.5	36	24	650	38 lbs
MUH078-PRO-SSP	00685360174693	208	1-3	7.5	36	24	650	38 lbs
MUH108-PRO	00685360173849	208	1-3	10	48	24	650	38 lbs
MUH108-PRO-SSP	00685360174716	208	1-3	10	48	24	650	38 lbs
MUH0321-PRO	00685360173856	208/240	1	3	11.0/12.5	24	350	27 lbs
MUH0321-PRO-SSP	00685360174617	208/240	1	3	11.0/12.5	24	350	27 lbs
MUH0521-PRO	00685360173863	208/240	1-3	5	18.0/21.0	24	350	27 lbs
MUH0521-PRO-SSP	00685360174648	208/240	1-3	5	18.0/21.0	24	350	27 lbs
MUH072-PRO	00685360173870	208/240	1-3	7.5	27.0/31.3	24	650	38 lbs
MUH072-PRO-SSP	00685360174679	208/240	1-3	7.5	27.0/31.3	24	650	38 lbs
MUH102-PRO	00685360173887	208/240	1-3	10	36.0/42.0	24	650	38 lbs
MUH102-PRO-SSP	00685360174662	208/240	1-3	10	36.0/42.0	24	650	38 lbs
MUH0341-PRO	00685360173894	480	3	3	3.6	24	350	27 lbs
MUH0341-PRO-SSP	00685360174624	480	3	3	3.6	24	350	27 lbs
MUH0541-PRO	00685360173900	480	3	5	6	24	350	27 lbs
MUH0541-PRO-SSP	00685360174655	480	3	5	6	24	350	27 lbs
MUH074-PRO	00685360173917	480	3	7.5	9	24	650	38 lbs
MUH074-PRO-SSP	00685360174686	480	3	7.5	9	24	650	38 lbs
MUH104-PRO	00685360173924	480	3	10	12	24	650	38 lbs
MUH104-PRO-SSP	00685360174709	480	3	10	12	24	650	38 lbs

Note:

- All standard units and units are supplied with a low voltage control transformer and contactor (24V) except MUH-03 & 05, 208, 240 & 277 volt models. Low voltage control on these units are available on made to order. All units are also available on special order for 120 volt control; internal and transformer or external without transformer.
- On dual voltage units; CFM, FPM, and RPM are shown at higher voltage
- On dual phase units, maximum amp draw is listed for respective voltage.
- 25 thru 50 KW models have two speed motors and dual CFM ratings.
 - Standard.
 - Optional - made to order - amp load unbalanced on 3 Phase.
 - Optional - made to order - amp load balanced on 3 Phase.