

# RUX SERIES

## EXPLOSION PROOF UNIT HEATERS

• **RATED FOR CLASS I AND CLASS II APPLICATIONS**

• **LOW OPERATING TEMPERATURES FOR ATMOSPHERES HAVING AN IGNITION TEMPERATURE HIGHER THAN 329°F (165°C)**

### APPLICATIONS

Explosion proof unit heaters are designed to heat areas classified as hazardous locations designated as Class I, Group C & D, Division or Class II, Groups E, F, and G with a T3B ignition temperature code rating (329°F, 165°C or higher) to provide primary or supplementary heating for comfort or freeze protection. Typical applications involve oil refineries, sewage treatment plants, petrochemical plants, oil rigs, unattended pumping stations, chemical storage and handling facilities, paint storage areas, and countless other hazardous areas

covered by these classifications.

**CONTROLS** — Prewired, self-contained control center. Standard controls include automatic reset thermal limit, a magnetic contactor, and 24 volt control circuit transformer.

**HEAT EXCHANGER** — Advanced design allows lower operating temperatures from the liquid to air heat exchanger with steel tubes, aluminum fins, a non-toxic heat transfer fluid, and a pressure relief plug.

**OPTIONAL CONTROLS** — Includes a factory built-in thermostat, disconnect switch, fan selector switch, 120V control circuit, and pilot light.

**HIGH LIMIT CUTOUPS**— An manual reset high limit cutout units is standard. (An additional automatic reset high limit cutout is available as an option.)

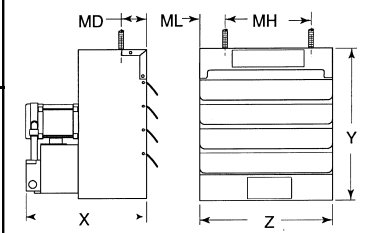
**FAN & MOTOR** — Ball bearing permanently lubricated explosion proof motor has built-in thermal overload protection.

**CABINET** — Powder coated heavy gauge steel cabinet surrounding a 14 gauge heavy duty steel frame which supports internal components.

### SELECTION CHART

CATALOG NUMBER	HEATER VOLTS	WATTS (KW)	CONTROL PHASE	OUTPUT VOLTAGE*	TOTAL BTU/HR.	VOLUME AMPS	AIR CFM	TEMP RISE	THROW	SHIP WT. (lbs.)
RUX300812	208	3	1	24	10,236	16.7	700	13°F	28 ft.	135
RUX300832	208	3	3	24	10,236	9.7	700	13°F	28 ft.	135
RUX300412	240	3	1	24	10,236	14.8	700	13°F	28 ft.	135
RUX300432	240	3	3	24	10,236	8.6	700	13°F	28 ft.	135
RUX3004832	480	3	3	24	10,236	4.3	700	13°F	28 ft.	135
RUX300632	600	3	3	24	10,236	3.6	700	13°F	28 ft.	135
RUX500812	208	5	1	24	17,060	26.3	700	22°F	28 ft.	135
RUX500832	208	5	3	24	17,060	15.3	700	22°F	28 ft.	135
RUX500412	240	5	1	24	17,060	33.6	700	22°F	28 ft.	135
RUX500432	240	5	3	24	17,060	19.4	700	22°F	28 ft.	135
RUX5004832	480	5	3	24	17,060	9.7	700	22°F	28 ft.	135
RUX500632	600	5	3	24	17,060	8.1	700	22°F	28 ft.	135
RUX750812	208	7.5	1	24	25,590	38.4	840	27°F	28 ft.	135
RUX750832	208	7.5	3	24	25,590	22.2	840	27°F	28 ft.	135
RUX750412	240	7.5	1	24	25,590	33.6	840	27°F	28 ft.	135
RUX750432	240	7.5	3	24	25,590	19.4	840	27°F	28 ft.	135
RUX7504832	480	7.5	3	24	25,590	9.7	840	27°F	28 ft.	135
RUX750632	600	7.5	3	24	25,590	8.1	840	27°F	28 ft.	135
RUX1000832	208	10	3	24	34,120	29.2	840	36°F	32 ft.	140
RUX1000412	240	10	1	24	34,120	44.5	840	36°F	32 ft.	140
RUX1000432	240	10	3	24	34,120	25.5	840	36°F	32 ft.	140
RUX10004832	480	10	3	24	34,120	12.7	840	36°F	32 ft.	140
RUX1000632	600	10	3	24	34,120	10.6	840	36°F	32 ft.	140
RUX1500832	208	15	3	24	51,180	43.0	1450	31°F	47 ft.	160
RUX1500432	240	15	3	24	51,180	37.5	1450	31°F	47 ft.	160
RUX15004832	480	15	3	24	51,180	18.7	1450	31°F	47 ft.	160
RUX1500632	600	15	3	24	51,180	15.7	1450	31°F	47 ft.	160
RUX20004832	480	20	3	24	68,240	24.8	1400	43°F	43 ft.	171
RUX2000632	600	20	3	24	68,240	20.7	1400	43°F	43 ft.	171
RUX25004832	480	25	3	24	85,300	31.1	2330	32°F	54 ft.	216
RUX2500632	600	25	3	24	85,300	25.8	2330	32°F	54 ft.	216
RUX30004832	480	30	3	24	102,360	37.1	2330	39°F	54 ft.	216
RUX3000632	600	30	3	24	102,360	30.2	2330	39°F	54 ft.	216

\*Note: Above models have built-in 24 volt control. Optional 120 volt control is available. Replace the "2" suffix with "1" for 120 volt control.



### 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
25-30KW	32-1/8	816	31-7/8	810	21-3/4	552	5-1/2	140	21-5/8	549

### ACCESSORIES

RUXPM12	Pole Mounting Bracket for units 3KW thru 10KW.
RUXPM16	Pole Mounting Bracket for units 15KW thru 20KW.
RUXPM18	Pole Mounting Bracket for units 25KW thru 30KW.
RUXWM12	Wall Mounting Kit for units 3KW thru 10KW.
RUXWM16	Wall Mounting Kit for units 15KW thru 20KW.
RUXWM18	Wall Mounting Kit for units 25KW thru 30KW.
RUXCMO	Ceiling/Hang Mounting Kit for all Models.
WR80EP	Wall Mounted Thermostat.

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