EU | X-PRO

EXPLOSION-PROOF UNIT HEATER

X-PRO SÉRIE/SERIES

1 YEAR WARRANTY

A SAFE WAY TO HEAT

The explosion-proof unit heater from Stelpro's X-pro series is the proven choice for hazardous locations at risk of fire or explosion due to the presence of flammable and hazardous substances. Available with an array of characteristics and options, this explosion-proof unit heater is designed with both safety and versatility in mind.

- **DESIGNED FOR HEATING LOCATIONS CONSIDERED HAZARDOUS**
- **LOWEST IGNITION TEMPERATURE CODE RATING IN THE INDUSTRY: T3C, 160°C**
- **NON-TOXIC, INHIBITED, PROPYLENE GLYCOL HEAT TRANSFER FLUID**
- **LOW 70 PSIG PRESSURE RELIEF VALVE SETTING**
- **STAINLESS STEEL OPTION** CORROSION-RESISTANT
- **VAST RANGE OF POWERS AVAILABLE**

COLOR
- beige

FINISH
- powdercoat

MANUFACTURING
- robust, 14-gauge galvanized steel cabinet
- adjustable louvers (with minimum opening safety stops)
- thermal protection with automatic reset
- thermal protection with manual reset

MOTOR
- explosion-proof double-shielded permanently lubricated ball bearing motor (with automatic reset)
- aluminum fan blade

ELEMENTS
- elements immersed in non toxic, inhibited, propylene glycol heat transfer fluid
- low 70 PSIG pressure relief valve

CONTROL
- factory mounted
- housed in a NEMA 7 or 9 cast aluminum enclosure
- automatic and manual reset overtemperature cutouts, controlling magnetic contactor and 24 V control circuit transformer included with standard built-in controls

INSTALLATION
- wall, ceiling or pole installation using mounting brackets (not included but mandatory; see the accessories table)
- approved installation locations:
  - Class I, Divisions 1 and 2, Groups C and D
  - Class II, Divisions 1 and 2, Groups E (optional), F and G
  - Class I, Zones 1 and 2, Group IIB
  - Temperature code T3C, 320 °F

WARRANTY
- one year

IDEAL FOR:

HAZARDOUS ENVIRONMENTS* SUCH AS:
aircraft hangar / service area, chemical storage-handling area, coal preparation plant, compressor station, grain elevator, oil refinery and rig, paint storage area, petrochemical plant, sewage pumping station / treatment plant, paint-spraying booth

* Please consult your process engineer for proper class division, groups and temperature code needed for your application.

STELPRO

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OPTIONS AND ACCESSORIES DESCRIPTION

CODE	DESCRIPTION
C1	316 STAINLESS STEEL CORROSION-RESISTANT CONSTRUCTION (WASTEWATER TREATMENT PLANTS) 316 stainless steel heat exchanger with aluminum fins, 316 stainless steel cabinet; aluminum fan blade; cast aluminum NEMA 7 or 9 control enclosure; corrosion resistant hardware; corrosion-resistant protective-coated motor, which has passed the ASTM B117 salt-spray test.
C2	DIRTY DUTY CORROSION-RESISTANT CONSTRUCTION (CHEMICAL PLANTS) Heresite®, coated heat exchanger, cabinet and fan blade; cast aluminum NEMA 7 or 9 control enclosure; corrosion-resistant hardware; corrosion-resistant protective-coated motor that has passed the ASTM B117 salt-spray test. For installation in chemical treatment plants where chlorine is present.
D	DISCONNECT SWITCH Factory installed on the unit heater above the control switch located on the unit. Meets NEC/CEC requirements for a disconnect.
E	GROUP E (METAL DUST) CONSTRUCTION Class II, Group E (metal dust), construction temperature code T3C, 320 °F.
K	"WARNING" PILOT LIGHT Indicates when the thermal cutouts have tripped and the unit heater needs servicing.
L	"HEATER ON" PILOT LIGHT Indicates when the electric heating elements are energized.
M	THERMAL PROTECTION WITH MANUAL RESET, WITH BACKUP CONTACTOR A pilot duty thermal protection with manual reset with a backup contactor is provided for independent secondary overtemperature protection. This option cannot be provided if option codes S or V are also specified.
S	AUTO/FAN SELECTOR SWITCH A two-position switch wired to the control circuit for auto (automatic heat) and fan only control. This selector switch cannot be provided if option codes M or V are also specified.
T	ADJUSTABLE THERMOSTAT Factory installed and prewired to the control enclosure. Thermostat is adjustable from the 50 °F to 90 °F range.
V	120 VOLT CONTROL CIRCUIT, FUSED SECONDARY AND GROUNDED Can be provided when required for special external thermostat circuit. This option cannot be provided if option codes S or M are also specified nor can both K and L be specified.

ACCESSORIES

PRODUCT	DESCRIPTION
EU-C1	stainless steel construction – anti corrosion for wastewater treatment plants
EU-C2	dirty duty corrosion resistant for chemical plants
EU-CMK	ceiling mounting kit – standard
EU-PMK	pole mounting kit – standard
EU-WMK	wall mounting kit – standard
EU-CMK-SS	corrosion-resistant ceiling mounting kit (stainless steel – for C1 or C2 options)
EU-PMK-SS	corrosion-resistant pole mounting kit (stainless steel – for C1 or C2 options)
EU-WMK-SS	corrosion-resistant wall mounting kit (stainless steel – for C1 or C2 options)
EU-D15	disconnect switch factory installed up to 480 V max 15 A (1 and 3 phases)
EU-D30	disconnect switch factory installed up to 277 V max 30 A (1 phase)
EU-D60	disconnect switch factory installed up to 600 V max 60 A (1 and 3 phases)
EU-E	group E construction (metal dust)
EU-K	warning pilot light
EU-L	heater on pilot light
EU-M	secondary thermal protection with manual reset and backup contactor
EU-S	auto/fan selector switch
EU-V	120 V control circuit, fused, secondary, grounded
ST-XPROEU	wall-mounted 24 V thermostat [125 V-277 V @ 22 A]; Classes I and II, Divisions 1 and 2, Groups C, D, E, F and G; 10-32 °C

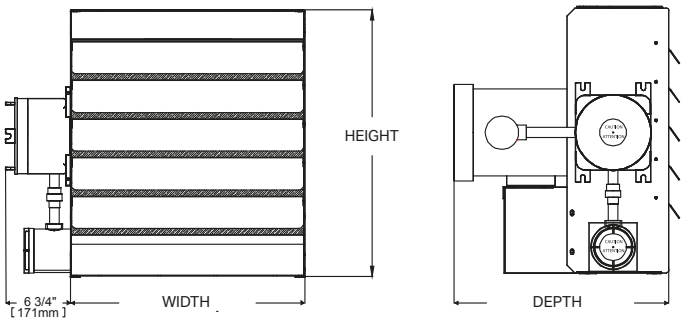
TECHNICAL SPECIFICATIONS

WITHOUT CONTROL	BUILT-IN THERMOSTAT	POWER		VOLTAGE	PHASE	AMPERAGE	AIR FLOW	THROW DISTANCE	MOTOR	FREQUENCY	APPROX. AIR TEMPERATURE RISE (ΔT)
CODE	CODE	KW	BTU/H	VOLTS	NB.	AMPERES	CFM	FT.	HP	HZ	°F
EU233-CA-0036C	**EU233-CA-0036C-T**	3	10 238	208	1	17	650	15	1/4	60	15
EU233-CA-0036J	**EU233-CA-0036J-T**	3	10 238	240	1	15	650	15	1/4	60	15
EU233-CA-0036D	**EU233-CA-0036D-T**	3	10 238	208	3	10	650	15	1/4	60	15
EU233-CA-0036K	**EU233-CA-0036K-T**	3	10 238	240	3	9	650	15	1/4	60	15
EU233-CA-0036U	**EU233-CA-0036U-T**	3	10 238	480	3	5	650	15	1/4	60	15
EU233-CA-0056C	**EU233-CA-0056C-T**	5	17 064	208	1	26	650	15	1/4	60	25
EU233-CA-0056J	**EU233-CA-0056J-T**	5	17 064	240	1	23	650	15	1/4	60	25
EU233-CA-0056D	**EU233-CA-0056D-T**	5	17 064	208	3	16	650	15	1/4	60	25
EU233-CA-0056K	**EU233-CA-0056K-T**	5	17 064	240	3	14	650	15	1/4	60	25
EU233-CA-0056U	**EU233-CA-0056U-T**	5	17 064	480	3	7	650	15	1/4	60	25
EU233-CA-0086C	**EU233-CA-0086C-T**	7.5	25 595	208	1	38	850	25	1/4	60	28
EU233-CA-0086J	**EU233-CA-0086J-T**	7.5	25 595	240	1	34	850	25	1/4	60	28
EU233-CA-0086D	**EU233-CA-0086D-T**	7.5	25 595	208	3	23	850	25	1/4	60	28
EU233-CA-0086K	**EU233-CA-0086K-T**	7.5	25 595	240	3	20	850	25	1/4	60	28
EU233-CA-0086U	**EU233-CA-0086U-T**	7.5	25 595	480	3	10	850	25	1/4	60	28
EU233-CA-0106J	**EU233-CA-0106J-T**	10	34 127	240	1	44	850	25	1/4	60	38
EU233-CA-0106D	**EU233-CA-0106D-T**	10	34 127	208	3	30	850	25	1/4	60	38
EU233-CA-0106K	**EU233-CA-0106K-T**	10	34 127	240	3	26	850	25	1/4	60	38
EU233-CA-0106U	**EU233-CA-0106U-T**	10	34 127	480	3	13	850	25	1/4	60	38
EU233-CB-0156D	**EU233-CB-0156D-T**	15	51 191	208	3	44	1800	45	1/4	60	27
EU233-CB-0156K	**EU233-CB-0156K-T**	15	51 191	240	3	38	1800	45	1/4	60	27
EU233-CB-0156U	**EU233-CB-0156U-T**	15	51 191	480	3	19	1800	45	1/4	60	27
EU233-CB-0206U	**EU233-CB-0206U-T**	20	68 254	480	3	25	1800	45	1/4	60	35
EU233-CC-0256U	**EU233-CC-0256U-T**	25	85 318	480	3	31	3110	65	1/2	60	26
EU233-CC-0306U	**EU233-CC-0306U-T**	30	102 381	480	3	37	3850	75	1/2	60	25

DIMENSIONS AND WEIGHT

UNITS OF	WIDTH	HEIGHT	DEPTH	WEIGHT
KILOWATTS	IN.	IN.	IN.	LB
3 TO 10	16 1/16	19 3/8	21 3/4	110
15 TO 20	20 3/16	23 3/8	21 3/4	150
25 TO 30	24 3/16	27 3/8	20 7/8	190

TECHNICAL DRAWINGS



FRONT

SIDE

Stelpro reserves the right to modify descriptions, manufacturing specifications or prices without prior notice. **No returns accepted on optional-color products.**
For all the latest models and prices, please refer to our website at www.stelpro.com.