

SWU

WASHDOWN UNIT HEATER



RELIABLE, RESISTANT AND SELF-CONTAINED

The Stelpro SWU washdown unit heater is the perfect solution to the problem of comfort heating in environments where moisture and corrosion exist. The washdown heater is corrosion resistant, totally enclosed and watertight making it ideal for industrial heating applications. Available in several wattages (2 kW to 47 kW) and voltages (120 V, 208 V, 240 V and 600 V) this rugged unit will meet your toughest needs.

DESIGNED FOR HEATING LOCATIONS WHERE MOISTURE AND CORROSION EXIST

CORROSION-RESISTANT STAINLESS STEEL CONSTRUCTION

WASHABLE WATERTIGHT CONSTRUCTION

LARGE SELECTION OF MODELS SEVERAL WATTAGES, VOLTAGES AND PHASES

FINISH

- stainless steel

MANUFACTURING

- heavy 16-gauge stainless steel housing
- adjustable stainless steel louvers (can be rotated 90°)
- non-metallic control enclosure (meets NEMA 4X hose-down requirements)
- thermal protection with automatic reset

MOTOR

- totally enclosed, epoxy-coated and permanently lubricated ball bearing motor
- powder-coated aluminum fan blade

ELEMENTS

- industrial grade, type 316 stainless steel tubular elements with stainless steel fins

CONTROL

- factory mounted
- housed in a non-metallic enclosure
- includes a thermal protection with automatic reset, fan delay relay, controlling contactor transformer for 24 V control circuit, terminal block for field wiring and a separate motor contactor (when required)

INSTALLATION

- wall or ceiling mounted with stainless steel swivel mounting bracket (included)
- ceiling mounted with 4 3/8-16 threaded rods (not provided – if the swivel mounting bracket is not required, choose the SWU-B or SWU-B1 options)

WARRANTY

- one year

IDEAL FOR:

car wash, steel mill and foundry, cement plant, wood finishing plant, dairy, food processing plant, marine installation, power station, wastewater treatment plant, swimming pool area

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TECHNICAL SPECIFICATIONS

WITHOUT CONTROL		BUILT-IN THERMOSTAT		POWER	VOLTAGE	PHASE	AMPERAGE	MOTOR	APPROX. AIR TEMPERATURE RISE (DELTA ΔT)	
CODE	PRICE	CODE	PRICE	KW	VOLTS	NB.	AMPERES	HP	°C	°F
SWU0211	4288.00	SWU0211-T	4585.00	2	120	1	21	1/4	5	9
SWU0281	4288.00	SWU0281-T	4585.00	2	208	1	12	1/4	5	9
SWU0221	4288.00	SWU0221-T	4585.00	2	240	1	11	1/4	5	9
SWU0311	4288.00	SWU0311-T	4585.00	3	120	1	29	1/4	8	14
SWU0381	4288.00	SWU0381-T	4585.00	3	208	1	17	1/4	8	14
SWU0321	4288.00	SWU0321-T	4585.00	3	240	1	15	1/4	8	14
SWU0383	4288.00	SWU0383-T	4585.00	3	208	3	8	1/4	8	14
SWU0323	4288.00	SWU0323-T	4585.00	3	240	3	11	1/4	8	14
SWU0363	4288.00	SWU0363-T	4585.00	3	600	3	4	1/4	8	14
SWU0581	4337.00	SWU0581-T	4635.00	5	208	1	27	1/4	13	24
SWU0521	4337.00	SWU0521-T	4635.00	5	240	1	23	1/4	13	24
SWU0583	4337.00	SWU0583-T	4635.00	5	208	3	12	1/4	13	24
SWU0523	4337.00	SWU0523-T	4635.00	5	240	3	16	1/4	13	24
SWU0563	4337.00	SWU0563-T	4635.00	5	600	3	8	1/4	13	24
SWU0881	4442.00	SWU0881-T	4739.00	7.5	208	1	39	1/4	19	35
SWU0821	4442.00	SWU0821-T	4739.00	7.5	240	1	34	1/4	19	35
SWU0883	4442.00	SWU0883-T	4739.00	7.5	208	3	23	1/4	19	35
SWU0823	4442.00	SWU0823-T	4739.00	7.5	240	3	21	1/4	19	35
SWU0863	4442.00	SWU0863-T	4739.00	7.5	600	3	9	1/4	19	35
SWU0981	4555.00	SWU0981-T	4852.00	9	208	1	46	1/4	11	20
SWU0921	4555.00	SWU0921-T	4852.00	9	240	1	40	1/4	11	20
SWU0983	4555.00	SWU0983-T	4852.00	9	208	3	28	1/4	11	20
SWU0923	4555.00	SWU0923-T	4852.00	9	240	3	24	1/4	11	20
SWU0963	4555.00	SWU0963-T	4852.00	9	600	3	10	1/4	11	20
SWU1021	4662.00	SWU1021-T	4962.00	10	240	1	44	1/4	12	22
SWU1083	4662.00	SWU1083-T	4962.00	10	208	3	22	1/4	12	22
SWU1023	4662.00	SWU1023-T	4962.00	10	240	3	27	1/4	12	22
SWU1063	4662.00	SWU1063-T	4962.00	10	600	3	11	1/4	12	22
SWU1283	4704.00	SWU1283-T	5002.00	12	208	3	36	1/4	14	26
SWU1223	4704.00	SWU1223-T	5002.00	12	240	3	32	1/4	14	26
SWU1263	4704.00	SWU1263-T	5002.00	12	600	3	13	1/4	14	26
SWU1383	6398.00	SWU1383-T	6698.00	12.5	208	3	37	1/4	9	17
SWU1323	6398.00	SWU1323-T	6698.00	12.5	240	3	33	1/4	9	17
SWU1363	6398.00	SWU1363-T	6698.00	12.5	600	3	14	1/4	9	17
SWU1583	6465.00	SWU1583-T	6765.00	15	208	3	44	1/4	12	21
SWU1523	6465.00	SWU1523-T	6765.00	15	240	3	39	1/4	12	21
SWU1563	6465.00	SWU1563-T	6765.00	15	600	3	16	1/4	12	21
SWU2063	6528.00	SWU2063-T	6828.00	20	600	3	21	1/4	16	28
SWU2563	6544.00	SWU2563-T	6842.00	25	600	3	26	1/4	19	35
SWU3063	6646.00	SWU3063-T	6946.00	30	600	3	31	1/4	23	42
SWU3563	6693.00	SWU3563-T	6991.00	35	600	3	35	1/4	27	48
SWU3863	6761.00	SWU3863-T	7059.00	38.4	600	3	38	1/4	30	54
SWU4763	7081.00	SWU4763-T	7380.00	47	600	3	47	1/4	36	64

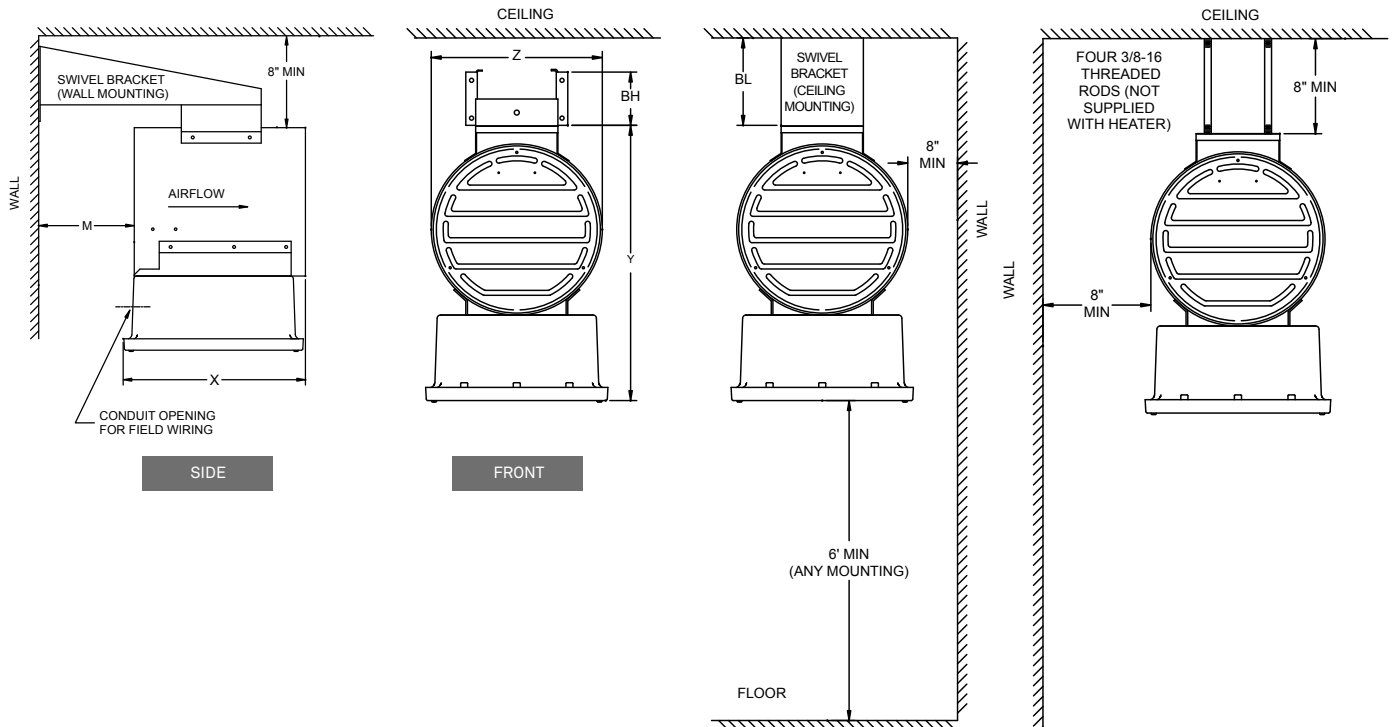
Models also available in 277 V and 480 V.

DIMENSIONS, AIRFLOWS AND WEIGHT		KW		
		FROM 2 TO 7.5	FROM 7.6 TO 12	FROM 12.1 TO 47
OVERALL HEATER DIMENSIONS	"X" INCH (CM)	15.5 (39)	15.5 (39)	26 (66)
	"Y" INCH (CM)	21.5 (55)	21.5 (55)	28 (71)
	"Z" INCH (CM)	13 (33)	13 (33)	20 (51)
MOUNTING HOLE DIMENSIONS	"BH" INCH (CM)	4.25 (11)	4.25 (11)	7.125 (18)
	"BL" INCH (CM)	19.5 (50)	19.5 (50)	22.25 (57)
	"M" INCH (CM)	8.5 (22)	8.5 (22)	3.25 (8)
AIRFLOW CHARACTERISTICS	AIR VOLUME CFM (CUBIC METERS/HR)	700 (1189)	1450 (2463)	2400 (4077)
	AIR THROW FEET (M)	26 (8)	43 (13)	50 (15)
	OUTLET VELOCITY FPM (METERS/MIN)	760 (232)	1575 (481)	1200 (366)
WEIGHT	NET LB (KG)	56 (25)	56 (25)	115 (52)
	SHIPPING LB (KG)	70 (32)	70 (32)	130 (60)

OPTIONS AND ACCESSORIES

CODE	DESCRIPTION	PRICE
SWU-B	swivel mounting bracket not included; option when field furnished threaded rods are used for units up to 12 kW	---
SWU-B1	swivel mounting bracket not included; option when field furnished threaded rods are used for units over 12 kW	---
SWU-D	power disconnect switch	629.00
SWU-L	"heater on" pilot light	398.00
SWU-M	secondary manual reset/thermal protection	398.00
SWU-S	three-position selector switch (heater-standby-fan)	580.00
SWU-V	120 volt control circuit	339.00
SWUT1	washdown/corrosion resistant wall-mounted thermostat for non-hazardous locations 4°C-38°C (40°F-100°F) range	444.00
SWU-E	montel finned tubular elements (up to 20 kW)	920.00
SWU-E1	montel finned tubular elements (25 kW to 47 kW)	2950.00

TECHNICAL DRAWINGS AND INSTALLATION





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