

# 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 that can be used 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	4594.00	SWU0211-T	4913.00	2	120	1	21	1/4	5	9
SWU0281	4594.00	SWU0281-T	4913.00	2	208	1	12	1/4	5	9
SWU0221	4594.00	SWU0221-T	4913.00	2	240	1	11	1/4	5	9
SWU0311	4594.00	SWU0311-T	4913.00	3	120	1	29	1/4	8	14
SWU0381	4594.00	SWU0381-T	4913.00	3	208	1	17	1/4	8	14
SWU0321	4594.00	SWU0321-T	4913.00	3	240	1	15	1/4	8	14
SWU0383	4594.00	SWU0383-T	4913.00	3	208	3	8	1/4	8	14
SWU0323	4594.00	SWU0323-T	4913.00	3	240	3	11	1/4	8	14
SWU0363	4594.00	SWU0363-T	4913.00	3	600	3	4	1/4	8	14
SWU0581	4647.00	SWU0581-T	4966.00	5	208	1	27	1/4	13	24
SWU0521	4647.00	SWU0521-T	4966.00	5	240	1	23	1/4	13	24
SWU0583	4647.00	SWU0583-T	4966.00	5	208	3	12	1/4	13	24
SWU0523	4647.00	SWU0523-T	4966.00	5	240	3	16	1/4	13	24
SWU0563	4647.00	SWU0563-T	4966.00	5	600	3	8	1/4	13	24
SWU0881	4759.00	SWU0881-T	5077.00	7.5	208	1	39	1/4	19	35
SWU0821	4759.00	SWU0821-T	5077.00	7.5	240	1	34	1/4	19	35
SWU0883	4759.00	SWU0883-T	5077.00	7.5	208	3	23	1/4	19	35
SWU0823	4759.00	SWU0823-T	5077.00	7.5	240	3	21	1/4	19	35
SWU0863	4759.00	SWU0863-T	5077.00	7.5	600	3	9	1/4	19	35
SWU0981	4881.00	SWU0981-T	5199.00	9	208	1	46	1/4	11	20
SWU0921	4881.00	SWU0921-T	5199.00	9	240	1	40	1/4	11	20
SWU0983	4881.00	SWU0983-T	5199.00	9	208	3	28	1/4	11	20
SWU0923	4881.00	SWU0923-T	5199.00	9	240	3	24	1/4	11	20
SWU0963	4881.00	SWU0963-T	5199.00	9	600	3	10	1/4	11	20
SWU1021	4995.00	SWU1021-T	5316.00	10	240	1	44	1/4	12	22
SWU1083	4995.00	SWU1083-T	5316.00	10	208	3	22	1/4	12	22
SWU1023	4995.00	SWU1023-T	5316.00	10	240	3	27	1/4	12	22
SWU1063	4995.00	SWU1063-T	5316.00	10	600	3	11	1/4	12	22
SWU1283	5040.00	SWU1283-T	5360.00	12	208	3	36	1/4	14	26
SWU1223	5040.00	SWU1223-T	5360.00	12	240	3	32	1/4	14	26
SWU1263	5040.00	SWU1263-T	5360.00	12	600	3	13	1/4	14	26
SWU1383	6854.00	SWU1383-T	7175.00	12.5	208	3	37	1/4	9	17
SWU1323	6854.00	SWU1323-T	7175.00	12.5	240	3	33	1/4	9	17
SWU1363	6854.00	SWU1363-T	7175.00	12.5	600	3	14	1/4	9	17
SWU1583	6926.00	SWU1583-T	7248.00	15	208	3	44	1/4	12	21
SWU1523	6926.00	SWU1523-T	7248.00	15	240	3	39	1/4	12	21
SWU1563	6926.00	SWU1563-T	7248.00	15	600	3	16	1/4	12	21
SWU2063	6994.00	SWU2063-T	7316.00	20	600	3	21	1/4	16	28
SWU2563	7011.00	SWU2563-T	7330.00	25	600	3	26	1/4	19	35
SWU3063	7120.00	SWU3063-T	7441.00	30	600	3	31	1/4	23	42
SWU3563	7170.00	SWU3563-T	7490.00	35	600	3	35	1/4	27	48
SWU3863	7243.00	SWU3863-T	7563.00	38.4	600	3	38	1/4	30	54
SWU4763	7586.00	SWU4763-T	7907.00	47	600	3	47	1/4	36	64

Models also available in 277 V and 480 V.

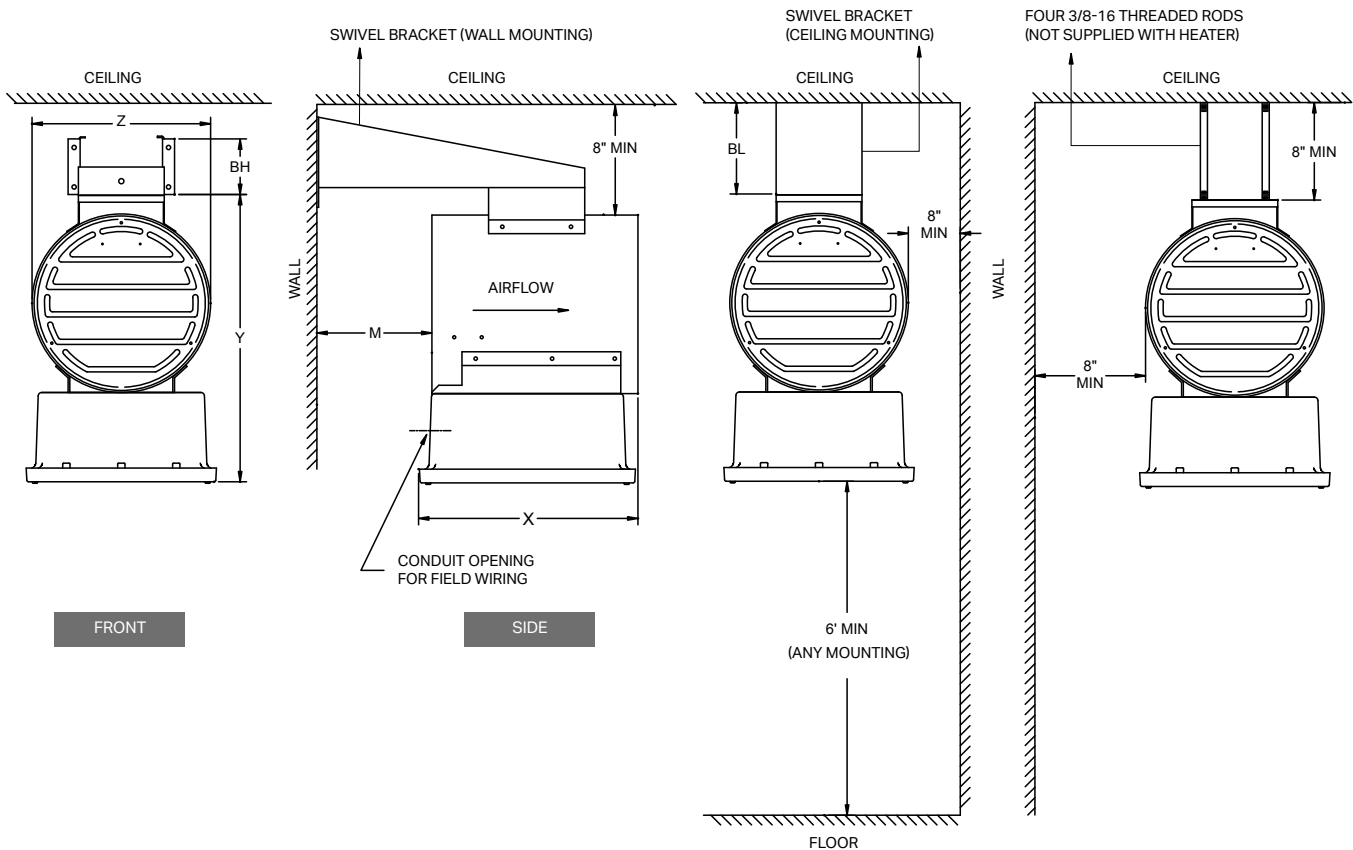
DIMENSIONS, AIRFLOWS AND WEIGHT		KW		
		FROM 2 TO 7.5	FROM 7.6 TO 12	FROM 12.1 TO 47
OVERALL HEATER DIMENSIONS	"X" INCH (CM)	15.5 (39)	15.5 (39)	26 (66)
	"Y" INCH (CM)	21.5 (55)	21.5 (55)	28 (71)
	"Z" INCH (CM)	13 (33)	13 (33)	20 (51)
MOUNTING HOLE DIMENSIONS	"BH" INCH (CM)	4.25 (11)	4.25 (11)	7.125 (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	675.00
SWU-L*	"heater on" pilot light	427.00
SWU-M*	secondary manual reset/thermal protection	427.00
SWU-S*	three-position selector switch (heater-standby-fan)	623.00
SWU-V*	120 volt control circuit	364.00
SWUT1	washdown/corrosion resistant wall-mounted thermostat for non-hazardous locations 4°C-38°C (40°F-100°F) range	476.00
SWU-E*	monel finned tubular elements (up to 20 kW)	986.00
SWU-E1*	monel finned tubular elements (25 kW to 47 kW)	3161.00

\* Factory installed

## TECHNICAL DRAWINGS AND INSTALLATION





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