

RSP-H RETRACTABLE SOOTBLOWER

Technical Specification

PERFORMANCE	
Travel	up to 35 Feet (11m)
Blowing medium	steam or air
Blowing pressure	120-170 psig(8-12 bar)
Cleaning radius	varies with deposit type
Cycle rotation	360° (standard) 90° oscillation (optional)
Travel speed	107 in/min (2.7 m/min)
Rotating speed	23 RPM
Helix	4.6" (11.68 cm)
Helix pattern	infinite indexing

INSTALLATION	
Height	22 11/16" (576mm)
Length	varies with travel
Width	26 11/16" (678mm) (with junction box) 21" (533mm) (w/o junction box)
Weight	varies with travel
Sleeve diameter	6"-sch.40 (152mm) (for 4" lance)
Sleeve length	may vary (typically 13") (330mm)
Ambient temperature	-20°F to 170°F (-30°C to 80°C) (standard)

UTILITIES	
Scavenging air	minimum 5 SCFM @ 12" AFP (142 l/min)
Seal air	minimum 50 SCFM @ 2" AFP (566 l/min)

COMPONENTS	
Motor	2 hp, NEMA, TEFC, class F insulation
Nozzle	(2) 1 1/4" ((2) 32 mm) CFEIII nozzles (standard) other sizes optional
Limit switch	NEMA 4, mechanical lever, travelling
Poppet valve	4" ANSI 300#, WC6 material (standard) (DN 100)
Feed tube	3.35" (85mm) OD 301SS or 304SS armorglide hardfacing (optional)
Lance tube	4" OD (102mm)
Lance material	A519 gr. 4130 (standard) A519 gr. 6330 (optional)
Packing	graphite (standard) teflon (optional)

ELECTRICAL	
Junction box rating	NEMA 4X, SS
Components	terminal strips, push buttons, disconnect (standard), motor starter (optional), harting connector (optional)
Location	right side mount (standard) left side mount (optional) remote mount (optional)
Motor starter	NEMA size 0 (standard) IEC (optional)
Wiring	16 AWG SO cable