

RS-AR RETRACTABLE SOOTBLOWER

Technical Specification

PERFORMANCE	
Travel	up to 15 Feet
Blowing medium	steam or air
Blowing pressure	may vary (typically 40 psig)
Cleaning velocity	may vary (typically 100 ft/sec)
Cycle rotation	360° (standard) 90° oscillation (optional)
Rotation	non-rotating
Travel speed	21" / min

INSTALLATION	
Height	22 ¹¹ / ₁₆ "
Length	varies with travel
Width	26 ¹¹ / ₁₆ " (with junction box) 21" (w/o junction box)
Weight	varies with travel
Sleeve diameter	5" -sch.40 (for 3 ¹ / ₂ " lance) 6" -sch.40 (for 4" lance)
Sleeve length	may vary (typically 6")
Distance to catalyst	up to 16" to 20"
Ambient temperature	-20° F to 185° F (standard)

UTILITIES (if required)	
Scavenging air	minimum 10 SCFM @ 14" AFP
Seal air	minimum 50 SCFM @ 14" AFP

COMPONENTS	
Motor	³ / ₄ hp, TEFC, class B insulation
Nozzle	³ / ₁₆ " nozzles (standard) other sizes optional
Limit switch	NEMA 4, mechanical lever
Poppet valve	3" 600#, WC6 material (standard) 3" 900#, WC6 material (optional)
Feed tube	2 ³ / ₄ " OD 301SS or 304SS Armor Glide Coating (optional)
Lance tube	3 ¹ / ₂ " (standard)
Lance material	A519 gr. 4130 (standard) A519 gr. 6330 (optional)
Cross arms	2 ³ / ₈ " OD A106 Gr.B Sch40
Packing	graphite (standard) teflon (optional)
Internal hangers	carbon steel brace assembly hourglass rollers

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	IEC (standard) NEMA (optional)
Wiring	16 AWG SO cable