VENTURI CONES

WITHOUT COMPROMISE

PRODUCT INFORMATION

Pneumatic (compressed air) or saturated steam powered venturi cones for safe use in adverse or explosive atmospheres when used with optional static grounding cord.



FEATURES

- VF-AZ-RAC-10 optional static grounding cord available for use of the Venturi in hazardous areas
- Minimal maintenance - no moving parts
- Cylindrical mixing chamber delivers higher induction ratios
- Highly reliable
- Fixed standard API openings
- Tough and durable anti-static polymer housing
- Crush and dent resistant

Wolf Safety Lamp Company

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

TECHNICAL INFORMATION

VENTURI CONES			
PRODUCT REFERENCE	**VF-RV760S**	**VF-RV760**	**VF-RV1500**
MATERIALS	Anti-static, Polyethylene Cone	Anti-static, Polyethylene Cone	Anti-static, Polyethylene Cone
DIMENSIONS (D/H)	13 x 41 cm	20 x 84 cm	30 x 106 cm
WEIGHT	2kg	3kg	9kg
INLET CONNECTION	12.7mm NPT	12.7mm NPT	25.4mm NPT
FLANGE	API 76.2mm, (167mm BC)	API 76.2mm, (167mm BC)	API 152.4mm (167mm BC)
40PSIG INLET AIR			
FREE AIR	810 cfm (1,377 m^3/hr)	1,001 cfm (1,702 m^3/hr)	2,740 cfm (4,658 m^3/hr)
AIR CONSUMPTION	22 cfm (37 m^3/hr)	22 cfm (37 m^3/hr)	59 cfm (100 m^3/hr)
INDUTION RADIO	37:1	46:1	47:1
80PSIG INLET AIR			
FREE AIR	1,180 cfm (2006 m^3/hr)	1,439 cfm (2,446 m^3/hr)	3,329 cfm (5,659 m^3/hr)
AIR CONSUMPTION	58 cfm (99 m^3/hr)	58 cfm (99 m^3/hr)	124 cfm (211 m^3/hr)
INDUCTION RATIO	20:1	25:1	27:1
AIR CONSUMPTION AND HORSEPOWER REQUIREMENTS FOR AIR COMPRESSOR*			
AIR PRESSURE (PSIG) INLET AIR	80	80	80
AIR CONSUMPTION SCFM	58 (99 m^3/hr)	58 (99 m^3/hr)	124 (211 m^3/hr)
COMPRESSOR HP	9.3 (9.43PS)	9.3 (9.43PS)	19.8 (20.8PS)

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request.

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