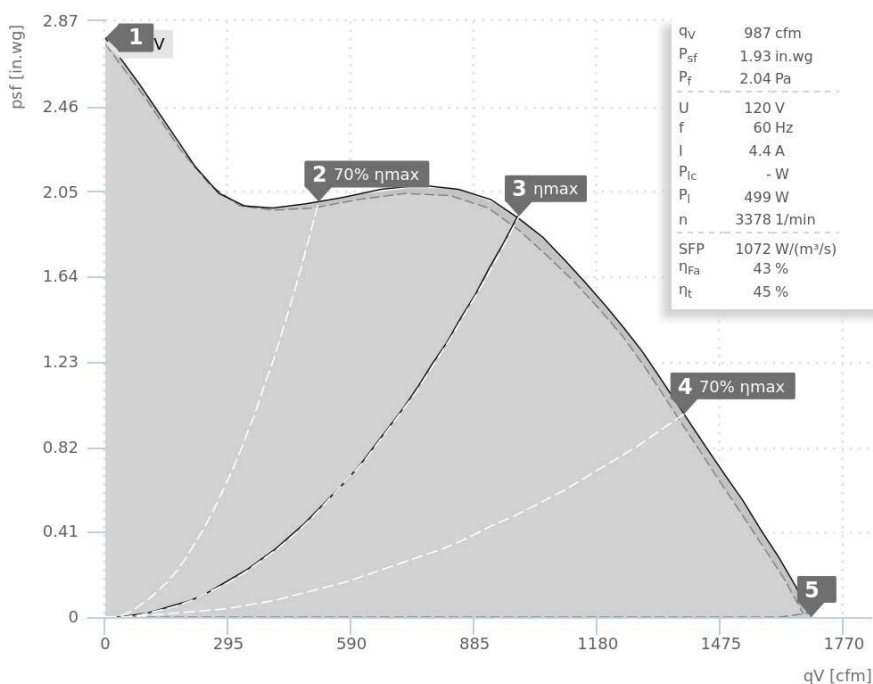


DATA SHEET

12" S-Prime | 147518



Operating Point		1	2	3	4	5
Current I	A	3,6	3,5	4,4	4,5	4,2
Power consumption P _i	W	412	387	502	512	479
RPM n	1/min	3440	3435	3379	3380	3407
SPL inlet L _{WA5}	dB(A)	80	79	76	77	80
SPL outlet L _{WA6}	dB(A)	81	80	79	80	83
SPL casing break out L _{WA2}	dB(A)	68	65	65	65	68

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	76	37	52	65	70	69	69	69	60
Outlet	L _{WA6}	79	39	54	65	74	75	69	66	58
Casing	L _{WA2}	65	40	41	56	61	59	57	49	34

12" S-Prime 147518	
Voltage U _N	120 V 1~
Current I _{max}	4,7 A
Ambient temperature t _A	40 °C
Medium temperatures t _M	40 °C
Speed Control	V
Motor protection	TMI
Insulation class motor	F
Weight	15,2 kg
Poles	2
IP motor	IP00
IP terminal box	-
Min. operating temperature	-25 °C

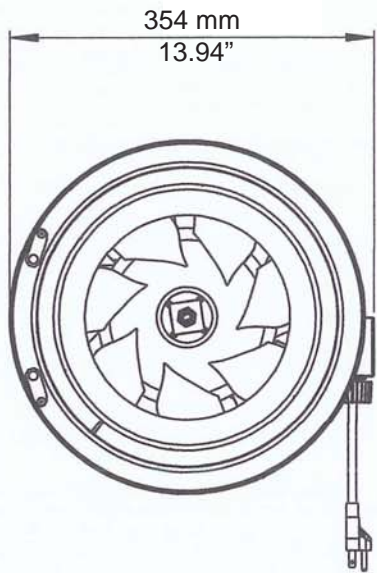
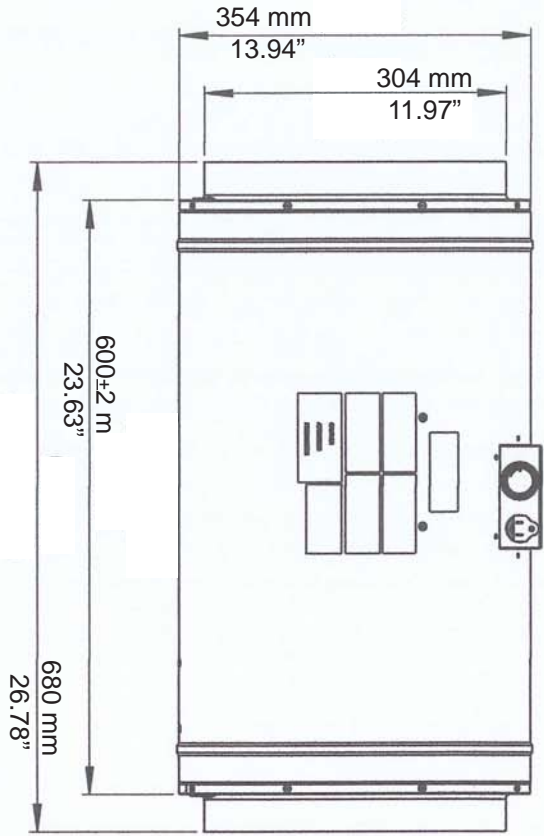
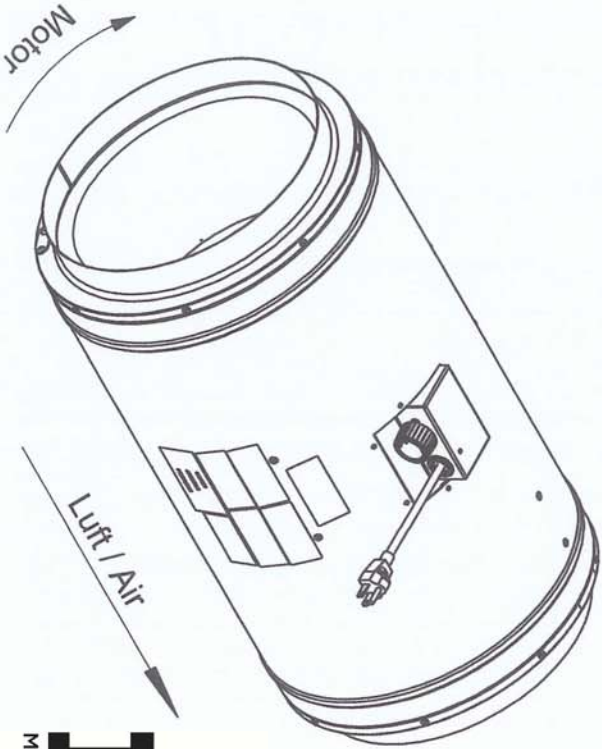
Ruck Air Movement - Master Series by



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12" S-Prime 147518



SUBMITTAL DATA and SPECIFICATIONS for MVP/RAM SERIES

SERIES: Mixes Flow

S-Prime Models and S-Prime EVO Models

Application: Inline Mixed Flow Fans/Blowers designed for supply Exhaust applications in Residential, Commercial, Light Industrial and OEM market.

Manufacturer: Ruck (EU)

Material of Construction: All Models shall be constructed with Galvanized Steel Housing and Impeller. All Housings Shall be Insulated for very low operating sound.

Impeller: Impeller shall be Precision Computer Designed Efficient Mixed Flow Style. Material Temperature Limitations: Shall be 40C/104F for Ambient and Medium.

Motors: All Models shall be 120V/1/60 AC. Motors shall be Thermally Protected. Motors shall be Speed Controlled with integral 3 Speed Step Switch included with each Model. Motors shall be rated Continuous Duty with sealed for life maintenance free ball bearings. Motors shall be Thermally Protected. Motor shall be in the airstream for efficient heat dissipation and will be encased in Housing Material of Construction.

Mounting Bracket: Shall be included as Standard and integral with all Models.

Safety Certifications: All fans shall conform to ANSI/UL 507 Standard and Certified to Canada Standard C22.2 NO. 113. Intertek 5030171. Fans shall bear the C ETL US Mark on Fan Label.

Performance and Sound Certification: Shall be certified to ISO 5801 Standards.

PROJECT				ARCHITECT				
CONTRACTOR		DATE	SUBMITTED BY		ENGINEER			
SPECIFICATION								
Fan Position	Model #	CFM	In. WG	RPM	Watts	Voltage / Phase	Qty	Accessories

WARNING: DO NOT USE IN HAZARDOUS ENVIRONMENTS WHERE FAN'S ELECTRICAL SYSTEM COULD PROVIDE IGNITION TO COMBUSTIBLE OR FLAMMABLE MATERIALS!