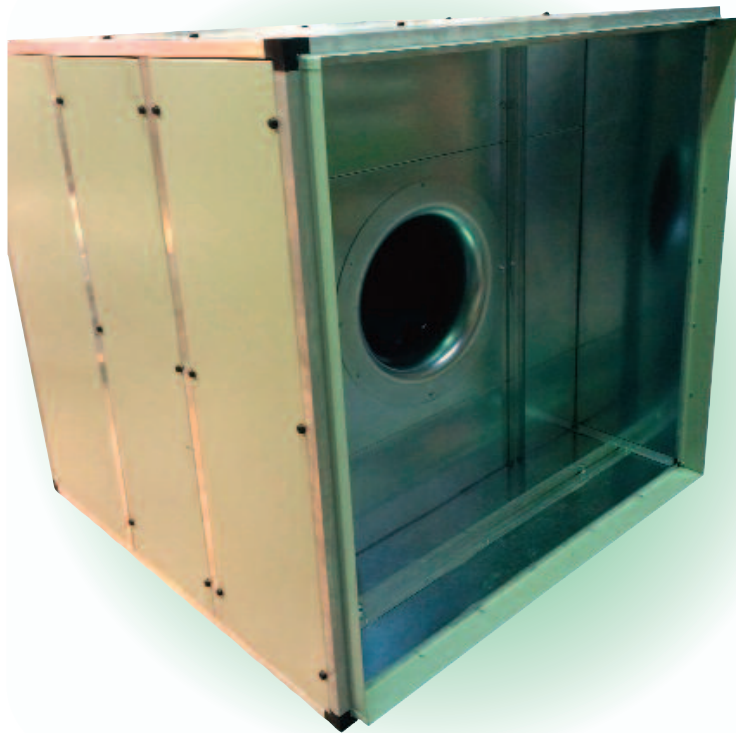


Motor out of Airstream

Direct Drive - Air Handling Units

STR500/MOS and STR630/MOS



- 4 models
- 2 sizes, each with 2 motor ratings
- for internal and external installation
- manufactured in UK to ISO 9001



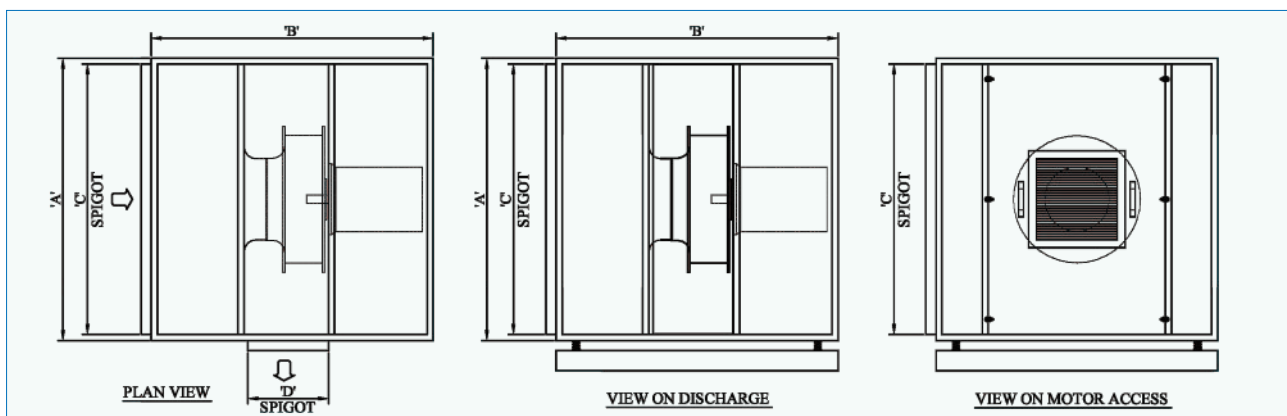
Cases

- robust 25 x 30 extruded aluminium frame
- finished in galvanised, double skinned steel with 25mm thick mineral wool slab insulation of 45 kg/m³ density (providing high degree of acoustic insulation)
- 100mm pressed steel channel base
- flush fitting panels
- access section panels fitted with easy access fasteners - other removable panels retained via roofing bolts
- outer skin with plastic coated finish (grey to BS10A05 as standard)

Specification

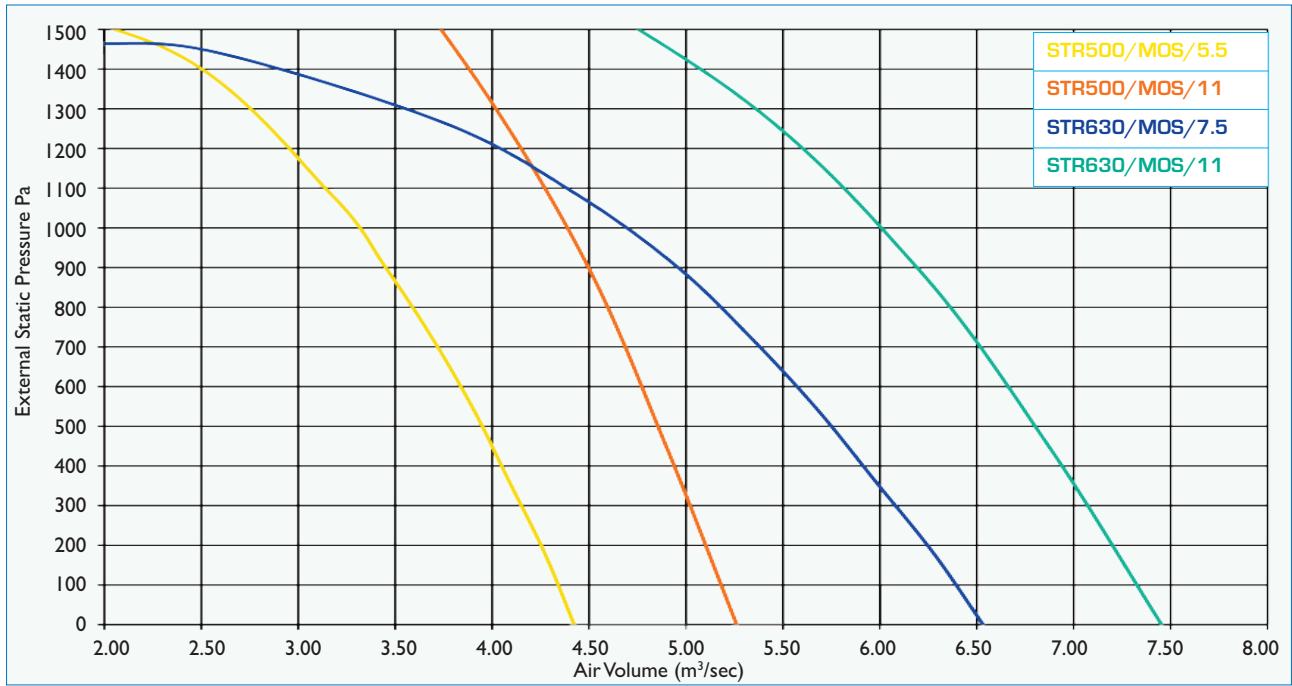
- backward curved direct drive plug style impellers.
- fan impellers are statically and dynamically balanced in accordance with ISO 4694 and ISO 1940/1.
- fan motors pre-wired to isolator
- standard motors of squirrel cage induction type, totally enclosed, fan cooled, suitable for 3ph, 50Hz electricity supply, IE2
- motors with IP55 protection and Class F rating
- **manufactured in UK to ISO 9001**

Dimensions



Models	Width A mm	Height B mm	Length A mm	Spigot C mm	Spigot D mm
STR500/MOS	1100	1300	1100	1040	350
STR630/MOS	1400	1300	1400	1340	400

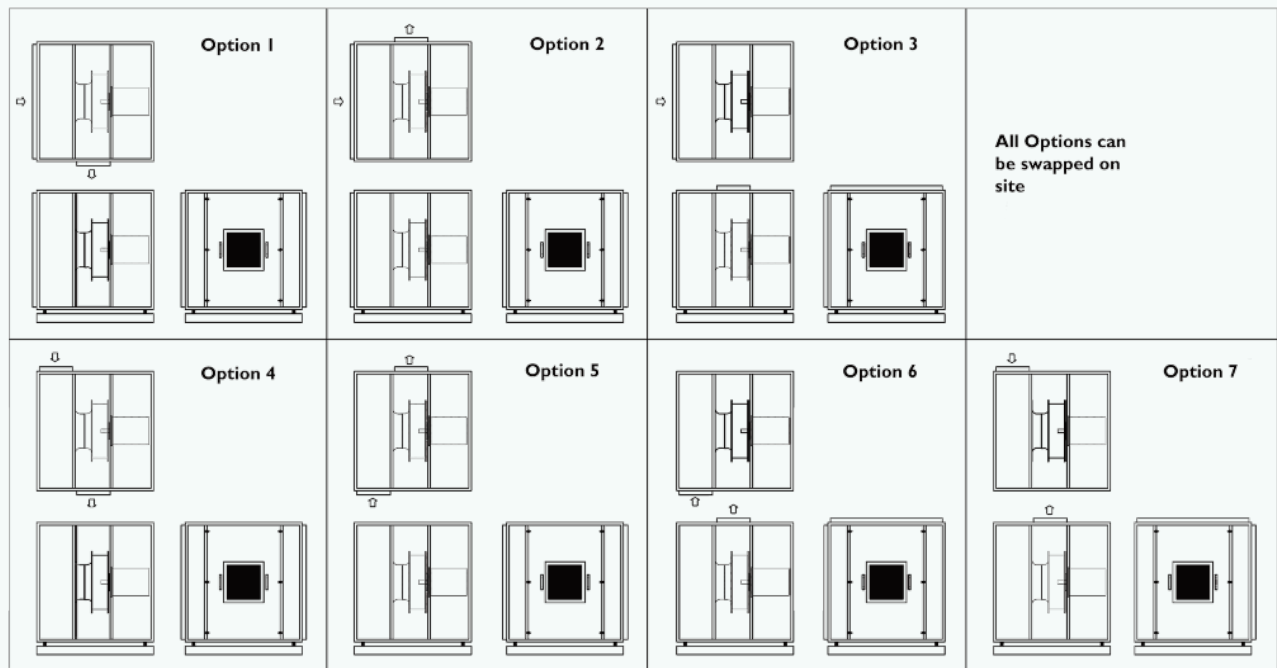
Performance



Models	Fan Power kW	Supply	Data				
			FLC amps	Operating Frequency Hz	Absorbed Fan Power kW	SFP W/l/sec	Fan Speed r.p.m
STR500/MOS/5.5	5.5	415V, 3Ph, 4 pole	10.9	69	4.095	1.17	2006
STR500/MOS/11	11	415V, 3Ph, 4 pole	21	79	6.933	1.98	2321
STR630/MOS/7.5	7.5	415V, 3Ph, 4 pole	14.5	52	5.632	1.25	1532
STR630/MOS/11	11	415V, 3Ph, 4 pole	21	62	9.835	2.19	1835

Size	Mid Octave Frequency band/Hz								
		63	125	250	500	1k	2k	4k	8k
STR500/MOS/5.5	Inlet in duct dB	72	73	85	77	75	74	72	79
	Outlet in duct dB	77	77	89	86	86	80	78	81
STR500/MOS/11	Inlet in duct dB	72	70	88	78	78	78	75	78
	Outlet in duct dB	81	79	97	88	90	84	81	82
STR630/MOS/7.5	Inlet in duct dB	66	79	80	76	76	74	74	72
	Outlet in duct dB	72	80	82	85	85	79	78	73
STR630/MOS/11	Inlet in duct dB	71	78	84	76	79	79	76	74
	Outlet in duct dB	79	82	88	88	87	84	81	75

Spigot Options



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