



Stokes 412MBX, 612MBX

Technical Specifications

412MBX

Blower displacement (swept volume) (AVS)	1040 m ³ h ⁻¹ / 612 ft ³ min ⁻¹
Pump displacement (swept volume) (AVS)	510 m ³ h ⁻¹ / 300 ft ³ min ⁻¹
Blower motor size	15 kW / 20 hp
Microvac motor size	7.5 kW / 10 hp
Blower motor	1800 rpm
Microvac motor	1800 rpm
Inlet connection	6 inch ASA/ANSI flange
Exhaust connection	3 inch ASA/ANSI flange or 3 inch NPT
Microvac water inlet/outlet connection	½ inch NPT
Recommended cooling flow @ 30 °C/85 °F	7.6 lmin ⁻¹ / 1 US galmin ⁻¹
Booster oil capacity	4.2 litre / 22 US gal
Microvac oil capacity	46 litre / 12 US gal
Booster recommended oil	V lube H
Microvac recommended oil	V lube F
Dimensions (L x W x H)	973 x 1022 x 1365 mm
	47 x 55.69 x 51.75 inch
Height to inlet	868 mm / 34.19 inch
Weight	1202 kg / 2650 lbs

612MBX

Blower displacement (swept volume) (AVS)	1040 m ³ h ⁻¹ / 612 ft ³ min ⁻¹
Pump displacement (swept volume) (AVS)	510 m ³ h ⁻¹ / 300 ft ³ min ⁻¹
Pressure switch required	No
Blower motor size ***	15 kW / 20 hp
Motor	1800 rpm
Inlet connection	6 inch ASA/ANSI flange
Exhaust connection	4 inch NPT
Microvac water inlet/outlet connection	½ inch NPT
Recommended cooling flow @ 30 °C/85 °F	7.6 lmin ⁻¹ / 2 US galmin ⁻¹
Booster oil capacity	4.7 litre / 7 US gal
Microvac oil capacity	46 litre / 12 US gal
Booster recommended oil	V lube H
Microvac recommended oil	V lube F
Dimensions (L x W x H)	1181 x 1022 x 1434 mm
	47 x 55.69 x 51.75 inch
Height to inlet	1434 mm / 56.44 inch
Weight	1452 kg / 3200 lbs



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Stokes 412MBX, 612MBX Features & Benefits

- multi-stage pumping systems
- direct drive motor
- reduced footprint
- ability to operate at atmospheric pressure
- ideal for high cycling arduous applications
- short shafts & oversize bearings provide extreme harsh duty pumping capability

Applications

- automotive • metallurgy • vacuum coating & melting • chemical processing • heat treatment • leak detection • PET processing
- pharmaceuticals • transformer drying & cable fluid conditioning

