

Masterline Breathing Air Booster Model 5000A-2

SPECIFICATIONS

- ELECTRICALLY DRIVEN
- USE UP TO 4,500 PSI
- 10-1 BOOST RATIO
- TWO STAGE DESIGN
- S/S HEADS & PISTONS
- S/S 4" INLET & OUTLET GAUGES
- S/S TUBING AND FITTINGS
- S/S BY-PASS VALVE
- S/S 50 MICRON INLET FILTER
- SAFETY RELIEF VALVE
- SEALS RATED AT 10,000 PSI
- NON-LUBRICATED DRIVE SECTION
- SEALED BEARINGS
- COOLING FAN & FINNED AFTERCOOLER
- INLET SHUT OFF VALVE
- MAGNETIC STARTER SEALED INSIDE A NEMA 4X ENCLOSURE
- ADJUSTABLE PRESSURE SWITCH
- HOUR METER
- (1) 1/4" JIC INLET PORT
- (1) 1/4" JIC OUTLET PORT
- APPROX. WEIGHT 165 LBS.
- DIMENSIONS: 38" x 19" x 17"

MOTOR SPECIFICATIONS

1.5 HP, 120V / 230V SINGLE PHASE
19.0 AMPS / 120V 60 HZ
9.0 AMPS / 230V 60 HZ
OTHER ELECTRICAL OPTIONS AVAILABLE

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DESCRIPTION

The Masterline 5000A-2 electric booster pump is used for pumping breathing air. It allows users to fill breathing air cylinders to 4,500 psi from a low pressure supply cylinder. Due to its innovative seal design and cooling method, Masterline boosters fill breathing air cylinders at near ambient temperature. The model 5000A-2 also operates at a very low 77dba noise level. Because it is electrically driven, our boosters do not require a separate source of air to drive the booster.

MAINTENANCE

Masterline boosters are completely oil-free and use only two low friction dry seals. The seals can be replaced in about 20 minutes by anyone with only a few tools. The piston guide is the only other part that requires regular maintenance. This is done by simply sliding it off the piston.

TYPICAL FLOW RATES

INLET PRESSURE	OUTLET PRESSURE	FLOW
3000 PSI	4500 PSI	12.5 SCFM
2500 PSI	4500 PSI	10.4 SCFM
2000 PSI	4500 PSI	8.6 SCFM
1500 PSI	4500 PSI	6.1 SCFM
1000 PSI	4500 PSI	3.7 SCFM
750 PSI	4500 PSI	2.5 SCFM
500 PSI	4500 PSI	1.3 SCFM