



COMPACT ELECTRIC DRIVEN GAS BOOSTER

RATED UP TO 10,000-PSI (690 BAR)

Series 2G Electric Driven Booster package is ideal for filling or topping off low-pressure and high-pressure bottles. Its two-stage and double acting design uses NO Belts or Pulleys, making it the quietest Electric Driven Booster in its class; only 60 dBA. Air cooled thru its gas barrels inside cooling sleeves reducing the heat of compression for long seal life.



SERIES 2G

SPECIFICATIONS:

| | |
|------------------------------|---|
| DIMENSIONS: | 11.5" H x 22" D x 32" W |
| WEIGHT: | 145 Pounds (65.9 Kg) |
| PORTS (INLET/OUTLET): | 37° Flare 1/4" |
| MAX. OUTLET PRESSURE: | 10,000-PSI (690 BAR) |
| MOTOR: | 2-HP @ 1750 RPM |
| LOW NOISE LEVEL: | 60 dBA |
| VOLTAGES: | 115 VAC, 24 Amps, 1-Phase, 60 HZ 220 VAC, 12 Amps, 1-Phase, 60 HZ 230 VAC, 6.8 Amps, 3-Phase, 60 HZ 460 VAC, 3.4 Amps, 3-Phase, 60 HZ 380 VAC, 3.6 Amps, 3-Phase, 50 HZ |
| OPERATING SPEED: | 45 cycles/minute (CPM) (Optional 72-CPM) |

CONTROLS:

STANDARD

- Adjustable High pressure Limit Switch pre-set to any pre-selected pressure up to 10,000-psi (690 bar) to automatically STOP the unit when the outlet pressure exceeds set point
 - Manual start & stop switch
 - Safety relief Valve
 - Inlet & outlet pressure gauges
 - 6-digit hour meter
 - Inlet & outlet 5-micron filters
 - Cooling Fan
- #### OPTIONAL
- Remote start & stop switch with a 6-foot cord
 - Automatic STOP low pressure limit switch
 - Automatic STOP & RESTART low pressure limit switch
 - Automatic STOP & RESTART high pressure Limit switch
 - Two outlet pressure control settings
 - Oxygen cleaned to MIL-STD 1330D
 - Flow control inlet pressure regulator with full pressure bypass line
 - 4-port outlet manifold

MODEL SELECTION TABLE

| MODEL 2G- | Maximum Pressure PSI (Bar) | | Minimum Gas Inlet Pressure-PSI (Bar) | Maximum Flow Rate-SCFM (NM3/MIN) | Maximum Cycle Rate (CPM) |
|---------------|----------------------------|--------------|--------------------------------------|----------------------------------|--------------------------|
| | Inlet | Outlet | | | |
| TWO STAGE | | | | | |
| 730 | 185 (13) | 3500 (241) | 30 (2) | 2.20 (0.06) | 72 |
| 750 | 105 (7) | 6000 (414) | 30 (2) | 1.20 (0.034) | 72 |
| 1430 | 670 (46) | 3500 (241) | 60 (4) | 4.00 (0.11) | 72 |
| 1450 | 375 (26) | 6000 (414) | 60 (4) | 2.30 (0.07) | 72 |
| 3050 | 1900 (131) | 6000 (414) | 200 (14) | 4.80 (0.14) | 72 |
| 5092 | 3380 (233) | 10,000 (690) | 300 (21) | 5.40 (0.15) | 72 |
| DOUBLE ACTING | | | | | |
| 3030 | 3500 (241) | 3500 (241) | 200 (14) | 16.00 (0.45) | 72 |
| 5050 | 6000 (414) | 6000 (414) | 200 (14) | 18.00 (0.51) | 72 |

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