



2PS2B-.85 HIGH PRESSURE OXYGEN COMPRESSOR

FOR CYLINDER FILLING AND OTHER OXYGEN BOOST APPLICATIONS:
OXYGEN, NITROGEN, AND OTHER CLEAN, DRY GASES

RIX 2PS2B-.85 High Pressure Oxygen Compressors are engineered specifically for safe and reliable gas compression of oxygen and other clean, dry gases. 2PS2B-.85 Compressors are designed to provide a maximum discharge pressure of 2200 PSIG / 152 BARG and will fill up to twelve 240 cu. ft. 2200 PSI cylinders in a 24-hour period. The 2PS2B-.85 compressor uses two oil-free, single-acting cylinders on a vertically designed crankcase. Heat exchangers, crankcase, and compression cylinders are air cooled. A free-floating second stage piston design allows for easy removal and replacement of both the piston and rings.

Features:

- DESIGNED AND MADE IN THE USA
- OIL-FREE DESIGN
- OXYGEN CLEANED FOR OXYGEN SERVICE
- SAFETY RELIEF VALVES
- HIGH PRESSURE SAFETY SHUT DOWN
- COMPACT AND LIGHTWEIGHT DESIGN
- LOW RPM FOR LONG SERVICE LIFE
- 24/7 CONTINUOUS DUTY CYCLE
- CE (EUROPEAN CONFORMITY) CERTIFICATION
- INDUSTRY LEADER IN INNOVATIVE OIL-FREE COMPRESSOR TECHNOLOGY
- PREFERRED CHOICE OF OEMS AND GOVERNMENT ENTITIES
- INDUSTRIAL-COMMERCIAL AND MILITARY USES WORLDWIDE

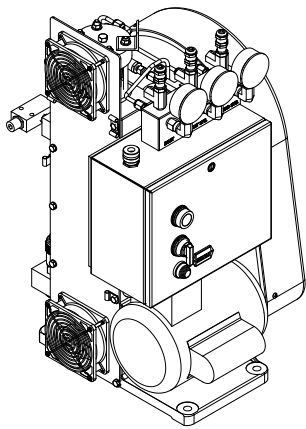


APPLICATIONS:

- PRODUCTION HIGH PRESSURE CYLINDER FILLING
- PSA OXYGEN AND NITROGEN BOOSTER
- OTHER DRY INERT GAS PRESSURE BOOSTING
- PNEUMATIC PRESSURE TESTING
- RESEARCH AND DEVELOPMENT

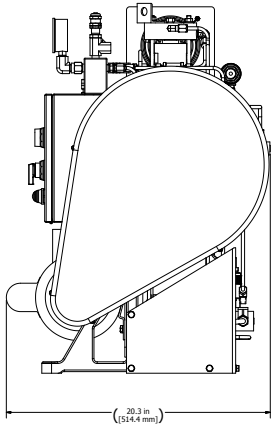
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RELIABILITY, INNOVATION,
EXPERIENCE



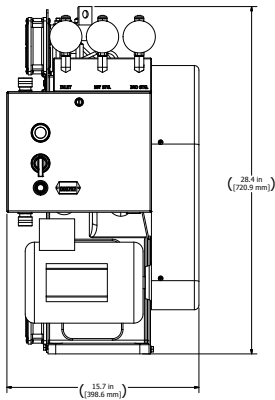
2PS2B-.85-H, 2PS2B-.85-HH, 2PS2B-.85-H50 2PS2B-.85-H50

SIZE	23" L x 21" W x 29" H / 584mm L x 533mm W x 736mm H
WEIGHT	172 Lbs. / 78 Kgs.
SHIP DIMENSIONS AND WEIGHT	24"l x 24"w x 37"h, 210 Lbs. / 95 Kgs.
INLET PRESSURE	30-70 psig / 2.0-4.8 barg
DISCHARGE PRESSURE	2200 psig / 152 barg
FLOW CAPACITY	60-120 scfh / 28-57 L/M
DISCHARGE PORT	1/4" female NPT
COOLING	Air
APPLICATIONS	Oxygen and Inert Dry Gas Cylinder Filling
MOTOR	1-1/2 HP / 1.11 Kw
DRIVE	Belt Driven
POWER REQUIREMENTS	120-240 VAC 50/60 Hz. Single Phase
MOISTURE CONTENT	Minus 40F Dew Point
CONTROLS	High Pressure Safety Shut Down
OPERATION	Continuous
FILTRATION	140 Micron



2PS2B-.85-L, 2PS2B-.85-L50

SIZE	23" L x 21" W x 29" H / 584mm L x 533mm W x 736mm H
WEIGHT	172 Lbs. / 78 Kgs.
SHIP DIMENSIONS AND WEIGHT	24"l x 24"w x 37"h, 210 Lbs. / 95 Kgs.
INLET PRESSURE	30-70 psig / 2.0-4.8 barg
DISCHARGE PRESSURE	2200 psig / 152 barg
FLOW CAPACITY	30-60 scfh / 14-28 L/M
DISCHARGE PORT	1/4" female NPT
COOLING	Air
APPLICATIONS	Oxygen and Inert Dry Gas Cylinder Filling
MOTOR	1-1/2 HP / 1.11 Kw
DRIVE	Belt Driven
POWER REQUIREMENTS	120-240 VAC 50/60 Hz. Single Phase
MOISTURE CONTENT	Minus 40F Dew Point
CONTROLS	High Pressure Safety Shut Down
OPERATION	Continuous
FILTRATION	140 Micron



STANDARD COMPONENTS

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|--------------------------------|------------------------------------|
| TWO-STAGE COMPRESSOR | SAFETY RELIEF VALVE FOR EACH STAGE |
| ELECTRIC MOTOR | LOW PRESSURE SAFETY SHUT DOWN |
| BELT DRIVE | BELT GUARD |
| ON / OFF SWITCH | HEAT EXCHANGER |
| PRESSURE GAUGES | COOLING FANS |
| HOUR METER | |
| HIGH PRESSURE SAFETY SHUT DOWN | |

2PS2B OXYGEN COMPRESSOR FLOW RATE CHART

