



Oxygen Gas Booster Model HIHPG2-21059 Approved for Military Use



**INCREASES SYSTEM FILL CAPACITY by as much as 50% and
ELIMINATES CASCADING**

HIHPG2-21059			
	Final Operating Pressure	Speed	UNITS
		69 Cycles/min (115-VAC, 60 Hz)	
Flow & Power	3000 PSIG Outlet Pressure (300-PSIG Inlet Pressure)	1.9	SCFM
		2	HP
	3000 PSIG Outlet Pressure (500-PSIG Inlet Pressure)	3.2	SCFM
		2	HP
	3000 PSIG Outlet Pressure (1000-PSIG Inlet Pressure)	6.4	SCFM
		2	HP
	3000 PSIG Outlet Pressure (2000-PSIG Inlet Pressure)	12.8	SCFM
		2	HP
Technical Specifications	Motor rating	2	HP
	Booster part number	2G-A30302-A1-A2-PR-1330D	
	Current @ 115 Volts, 1-Phase, 60-Hz	24	Amps
	Weight	145	Pounds
	Noise level @ 3 ft	60	dB(A)
	Cooling air needed	176	CFM
	Delta temperature (gas outlet vs. ambient)	15-25	°F
	Operational ambient temperature range	-40 to +200	°F
	Inlet pressure range	300-3000	psig
	Operating pressure range	300-3000	psig
	Gas inlet, outlet and vent ports	¼"	FNPT
	Overall dimensions (L x W x H)	32x20x11	Inches
	Cooling method	Air-Cooled	
	Drive type	Direct Drive	
Stages	Single stage, double acting		



Standard Equipment:

- Automatic stop & restart high pressure limit control FACTORY pre-set to 3000-psig (adjustable)
- Automatic stop & restart low pressure limit control FACTORY pre-set to 300-psig (adjustable)
- Manual start & stop switch
- Safety relief valve set @ 3200-psi
- Gas inlet pressure reducing regulator to control safe fill rates
- Bypass line with on/off valve (needle type)
- O2 cleaned to MIL-STD 1330D with certification
- Double acting configuration
- Inlet & outlet pressure gauges (calibrated with certs)
- Hour meter with 6-digits
- Sealed ball bearings
- Inlet & outlet 5-micron filters
- Outlet and bleed valves (needle type)
- Air cooled

Optional equipment:

- Dual outlet pressure control
- Inlet & outlet hose kits
- Remote start/stop switch with 6-foot cord
- Four (4) port outlet manifold
- 2-stage configurations
- Gas inlet & outlet Quick Couplings (QD)