

Double Acting, Single Stage Haskel “AGD” boosters not only pump twice the volume of a Single Acting, Single Stage Booster per cycle, but also require less air drive since the inlet gas pressure is assisting the air drive in each direction, providing a substantial portion of the required driving force. These models provide efficient means of boosting large volumes of gas at low to medium compression ratios.

FEATURES

- Reliable, easy to maintain, compact and robust
- No heat, flame or spark risk
- Does not require a electricity
- Oxygen ready models deliver 5000 psi (345 bar)
- Pressures to 9000 psi (620 bar) on inert gases
- Seal systems designed for long working life
- No adverse effects on continuous stops/starts
- Easy to apply automatic controls



SPECIFICATIONS

	AGD-4	AGD-7	AGD-15-O2†	AGD-30	AGD-30-O2‡	AGD-32	AGD-32-O2	AGD-62
Maximum Rated Gas Supply								
psi	1250	2500	5000	9000	9000	5000	5000	5000
bar	86	172	345	620	620	345	345	345
Minimum Gas Supply Pressure								
psi	ATM	25	50	100	100	50	50	200
bar	ATM	1.7	3.5	7	7	3.5	3.5	14
Maximum Rated Gas Outlet								
Inert Gas psi/bar	1250/86	2500/172	5000/345	9000/620	9000/620	5000/345	5000/345	9000/620
Oxygen psi/bar	1250/86	2500/172	5000/345	5000/345	5000/345	5000/345	5000/345	5000/345
Static Stall Pressure†	4 Pa+Ps	7 Pa+Ps	15 Pa+Ps	30 Pa+Ps	30 Pa+Ps	30 Pa+Ps	30 Pa+Ps	60 Pa+Ps
Piston Displacement per Cycle								
cu in	19.3	26.4	12.4	6.2	6.2	12.4	12.4	6.2
ML	316.3	432.6	203.2	101.6	101.6	203.2	203.2	101.6
Gas Inlet/Outlet	3/8 in NPT	*	**	**	**	**	**	**
Weight								
lb	31	35	35	38	38	49	49	49
kg	14	16	16	17	17	22	22	22

Maximum outlet pressure is drive area ratio times air drive pressure PLUS gas supply pressure. Suggested cycling speed for maximum seal life: 60 CPM.

† Ps = Gas Supply Pressure, Pa = Drive Pressure, Po = Outlet Pressure

‡ The AGD-15-O2, AGD-30-O2, and AGD-32-O2 boosters are "oxygen service" ready equipment. Boosters are not oxygen service ready unless otherwise noted.

* Inlet Port: 3/8 in NPT. Outlet Port: 3/8 in NPT. 2 each: inlet & outlet.

**Interchangeable 3-3/8 in SAE or 1/4 in - H/P both ports. 2 each: inlet & outlet.

Please contact the sales team for estimated lead times.