



## AG Series (-50 ratios)

# AIR DRIVEN GAS BOOSTERS



### > FEATURES & BENEFITS

- More appropriate ratios for meeting higher flow rates and faster fill times.
- Air driven - No electrical requirement
- No airline Lubricator required
- Hydrocarbon Free - Separation Between Air Drive and Gas Booster Section
- Pressures up to 15,000 psi
- Wide Range of Models
- Built in Cooling
- Standard and custom systems available
- Suitable for most gases

The -50 ratio gas boosters will meet the need of applications demanding higher flow rates and faster fill times. All standard AG series modifications are available including Oxygen Service.

★ Haskel's Oxygen cleaning procedures and facility conform to MIL STD 1330D, the highest oxygen cleaning standard approved by the US Navy.

### > MARKETS AND APPLICATIONS INCLUDE

- Aircraft Ground Support (Military and Commercial)
- Automotive
- Mining, Fire & Safety
- Oil & Gas
- Plastics (Gas Injection)
- Gas Manufacturing
- Injection Molding
- Paintball
- Fire and Rescue Fill Stations
- Gas Pressure Leak Detection
- Accumulator Charging
- Alternative Fuels
- Power Generation
- Diver Oxygen and Breathing Air Fill Stations



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## 50 RATIO GAS BOOSTER SPECIFICATIONS

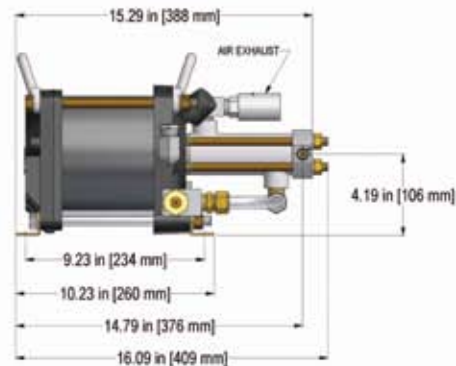
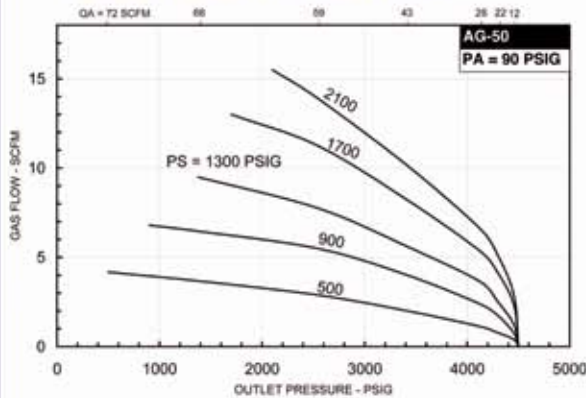
	<b>AG-50</b>	<b>AG-102</b>	<b>AGD-50</b>	<b>AGD-102</b>	<b>AGT-15/50</b>	<b>AGT-30/50</b>	<b>AGT-62/102</b>
DESCRIPTION	SINGLE ACTING, SINGLE STAGE, SINGLE AIR HEAD	SINGLE ACTING, SINGLE STAGE, DOUBLE AIR HEAD	DOUBLE ACTING, SINGLE STAGE, SINGLE AIR HEAD	DOUBLE ACTING, SINGLE STAGE, DOUBLE AIR HEAD	DOUBLE ACTING, TWO STAGE, SINGLE AIR HEAD	DOUBLE ACTING, TWO STAGE, SINGLE AIR HEAD	DOUBLE ACTING, TWO STAGE, DOUBLE AIR HEAD
AIR DRIVE MEDIA	AIR, NITROGEN, NON-CORROSIVE GASES	AIR, NITROGEN, NON-CORROSIVE GASES	AIR, NITROGEN, NON-CORROSIVE GASES	AIR, NITROGEN, NON-CORROSIVE GASES	AIR, NITROGEN, NON-CORROSIVE GASES	AIR, NITROGEN, NON-CORROSIVE GASES	AIR, NITROGEN, NON-CORROSIVE GASES
MAX. RATIO	50:1	100:1	50:1	100:1	50:0	50:1	100:1
WEIGHT	26.5 lb [12 kg]	50.7 lb [23 kg]	37.5 lb [17 kg]	50.7 lb [23 kg]	37.5 lb [17 kg]	37.5 lb [17 kg]	50.7 lb [23 kg]
VOLUME PER CYCLE	1.961 cu. In. [.0323 liter]	1.961 cu. In. [.0323 liter]	3.922 cu. In. [.0646 liter]	3.922 cu. In. [.0646 liter]	3.100 cu. In. [.0507 liter]	3.100 cu. In. [.0507 liter]	3.100 cu. In. [.0507 liter]
MAX. AIR DRIVE PRESSURE	150 psi [10.34 bar]	150 psi [10.34 bar]	150 psi [10.34 bar]	150 psi [10.34 bar]	150 psi [10.34 bar]	150 psi [10.34 bar]	150 psi [10.34 bar]
MAX. RATED GAS OUTLET	7,500 psi [517 bar]	15,000 psi [1,034 bar]	15,000 psi [1,034 bar]	15,000 psi [1,034 bar]	15,000 psi [1,034 bar]	15,000 psi [1,034 bar]	15,000 psi [1,034 bar]
MIN. GAS SUPPLY	100 psi [6.89 bar]	100 psi [6.89 bar]	100 psi [6.89 bar]	100 psi [6.89 bar]	100 psi [6.89 bar]	100 psi [6.89 bar]	100 psi [6.89 bar]
MAX. RATED GAS SUPPLY	7,500 psi [517 bar]	7,500 psi [517 bar]	15,000 psi [1,034 bar]	15,000 psi [1,034 bar]	5,000 psi [345 bar]	9,000 psi [620 bar]	9,000 psi [620 bar]
STATIC OUTLET (STALL) PRESSURE FORMULA *	50Pa	100Pa	50Pa + Ps	100Pa + Ps	50Pa + 3.2Ps	50Pa + 1.6Ps	100Pa + 1.6Ps
GAS INLET & OUTLET PORTS:	9/16-18 SAE-J1926 (3/8" tube)	9/16-18 SAE-J1926 (3/8" tube)	9/16-18 SAE-J1926 (3/8" tube)	9/16-18 SAE-J1926 (3/8" tube)	9/16-18 SAE-J1926 (3/8" tube)	9/16-18 SAE-J1926 (3/8" tube)	9/16-18 SAE-J1926 (3/8" tube)
AIR DRIVE PORT:	1/2" FNPT	1/2" FNPT	1/2" FNPT	1/2" FNPT	1/2" FNPT	1/2" FNPT	1/2" FNPT

\* - STATIC OUTLET (STALL) PRESSURE FORMULA VALID UP TO MAX. RATED GAS OUTLET PRESSURE

### AG

## AG-50

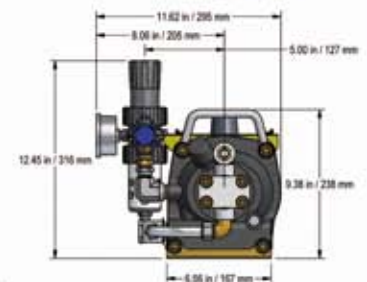
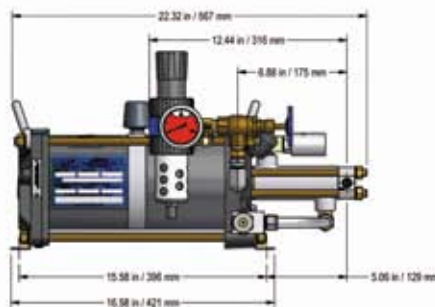
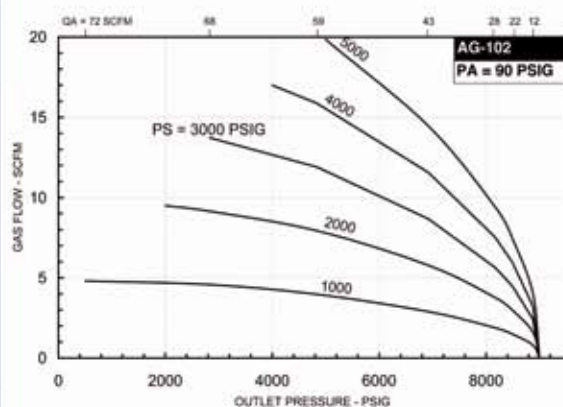
### PERFORMANCE CURVES



### AG

## AG-102

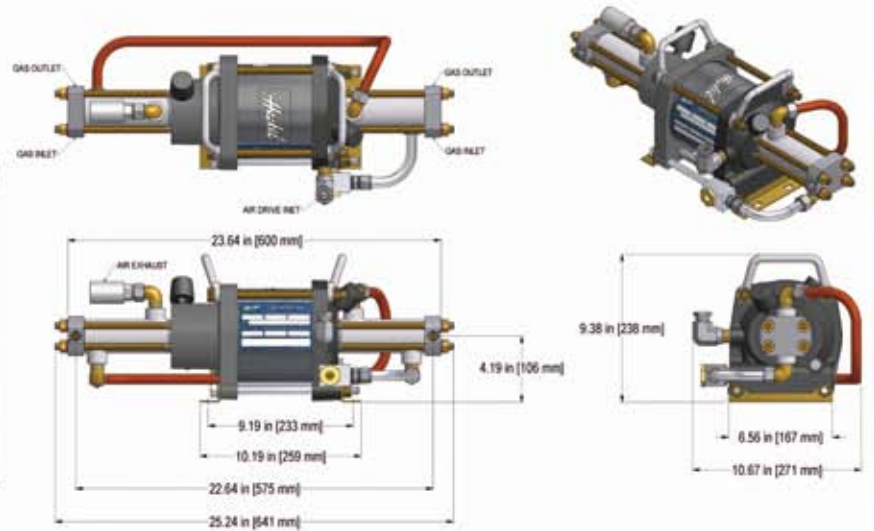
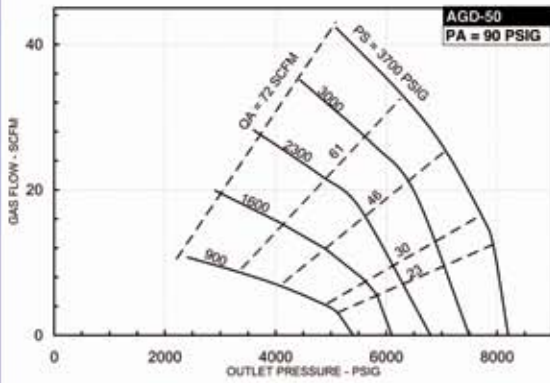
### PERFORMANCE CURVES



# AGD

## AGD-50

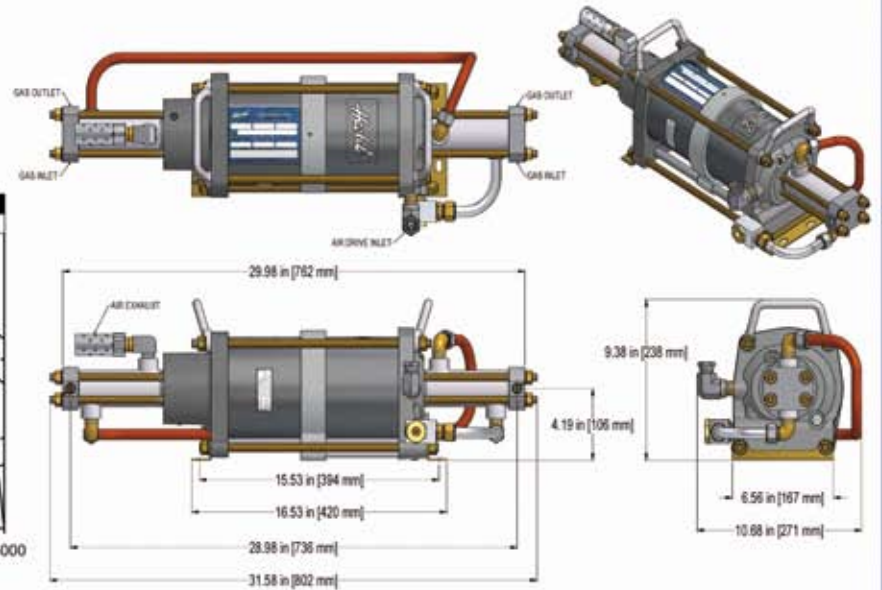
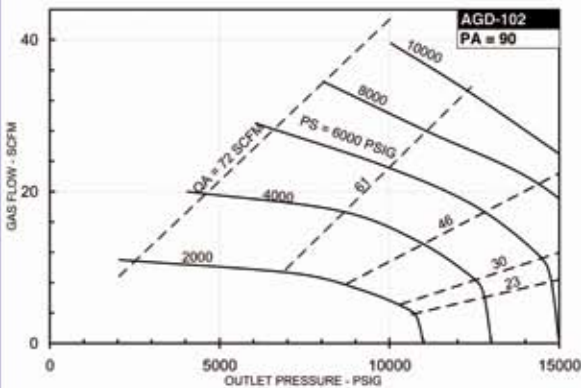
### PERFORMANCE CURVES



# AGD

## AGD-102

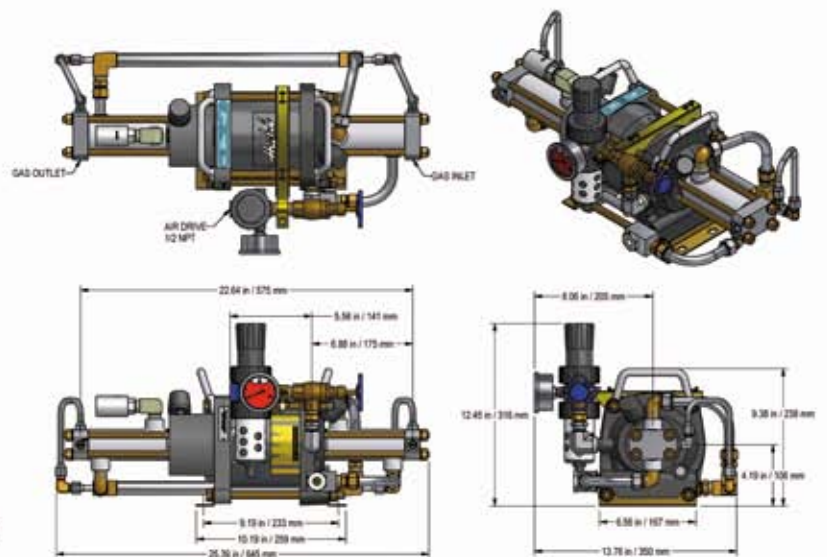
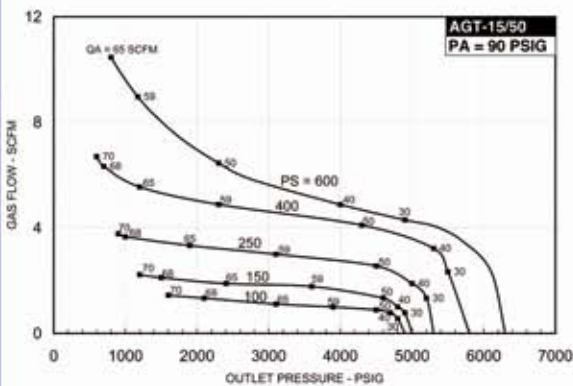
### PERFORMANCE CURVES



# AGT

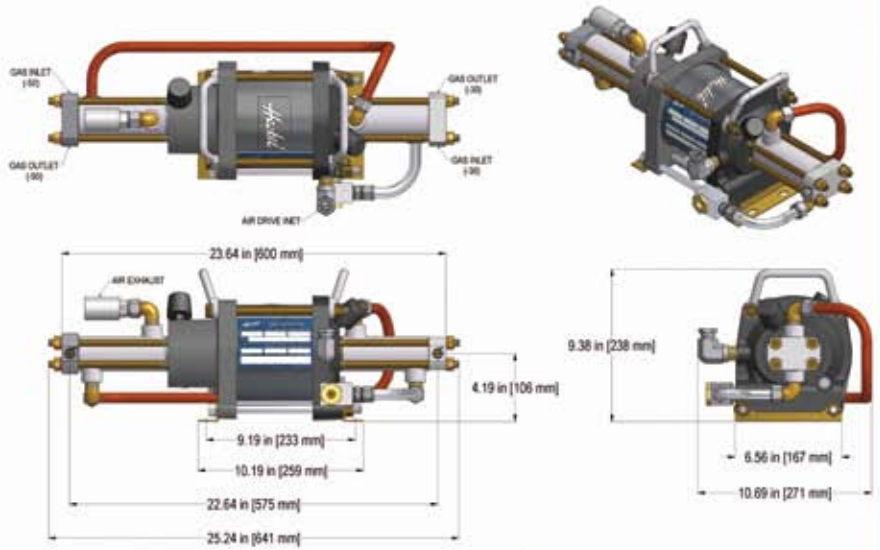
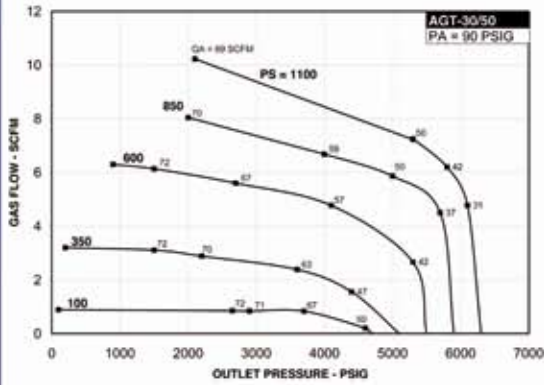
## AGT-15/50

### PERFORMANCE CURVES



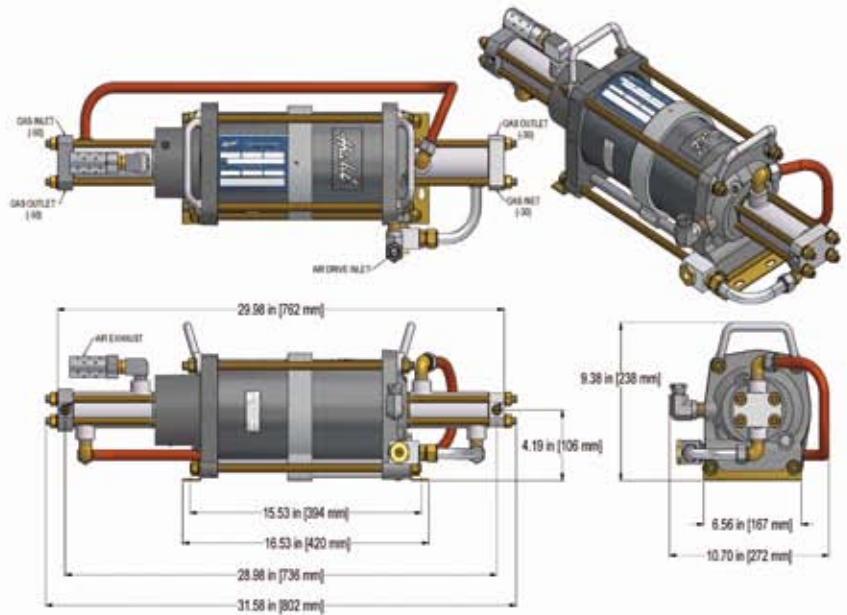
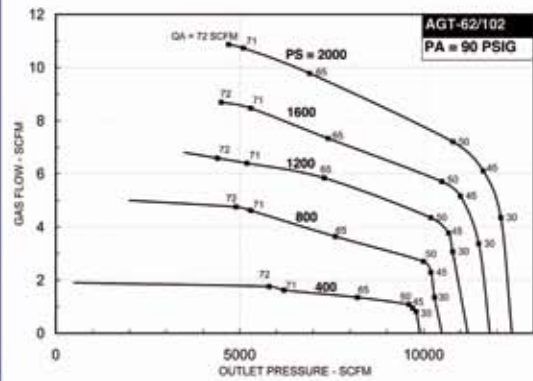
## AGT AGT-30/50

### PERFORMANCE CURVES



## AGT AGT-62/102

### PERFORMANCE CURVES



for more information:  
[www.haskel.com](http://www.haskel.com)

