

AA-160



A-54
w/Optional 3 Gal. Tank

2:1 Air & Gas Amplifiers

**Air driven, positive displacement pump
increases supply air or other gas pressure:**

- In-line installation, needs no electricity
- Consumes no air upon reaching and holding set pressure level
- Maintains set pressure even in presence of small air leaks
- Suitable for compressed air or a variety of industrial gasses
- Nearly 100% energy efficient

Features:

- Adjustable pressure output up to 300 psi (20.4 bar)
- Regulated inlet pressure adjusts output pressure
- No inlet valve or lubricator required
- Available with built-in (AA-54) or external (AA-160) air regulator
- Aerospace dynamic seals for high efficiency and unmatched durability
- Mounts horizontally or vertically
- Compact & portable for a multitude of uses
- Optional non-code or ASME code air receivers available in any size

Standard Options:

Air Regulator (built-in on AA-54, external on AA-160)

Air Filter (manual or auto drain)

Pump ON/OFF Manual, Solenoid or Sequence Valve

Inlet & Outlet Gages

Air Receiver with Drain/Relief Valve & Outlet Regulator (Specify Volume & Pressure Rating)

For use as an air driven gas booster at ratio's from 1:1 to 2:1:

The Air Amp can be configured to pressurize other gasses using compressed air as a drive source. The gas inlet can be anywhere from 0 to 150 psi (0 to 10 bar) to provide outlet pressures up to 280 psi (19 bar). Drive air and boost are separate connections. Boosted pressure is the sum of the drive pressure and the inlet gas pressure.



Air Amplifier Specifications:

Drive Inlet: Clean, Dry, Non-lubricated air or inert gas from 15 to 150 psi (1 to 10 bar)

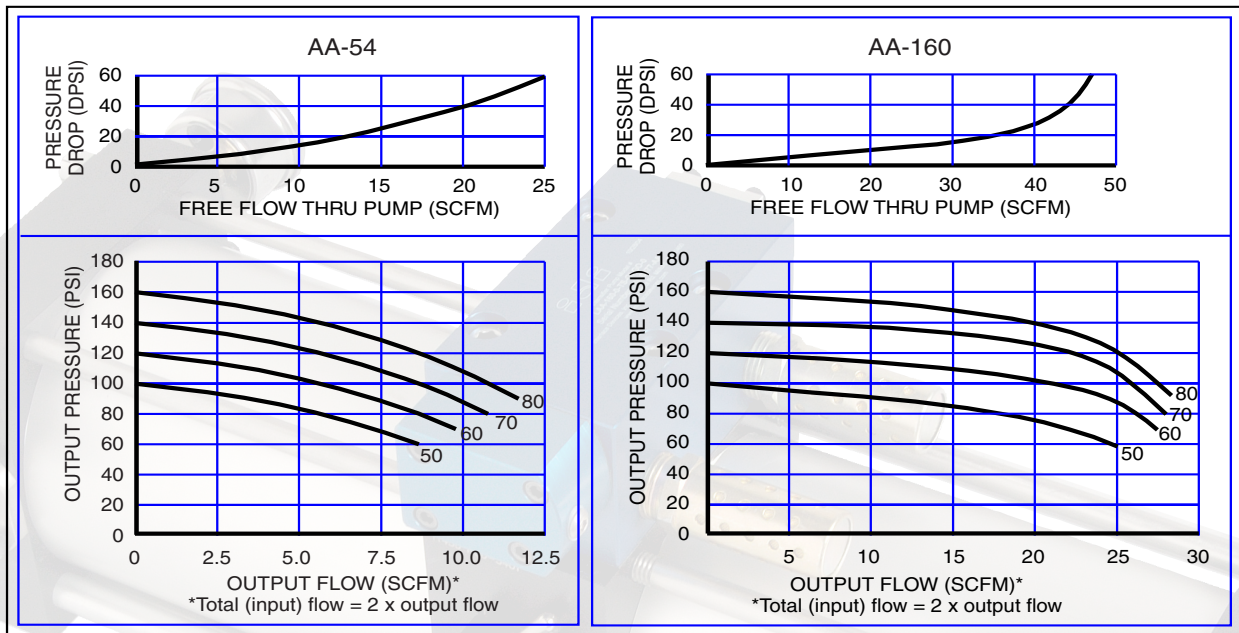
Boost Inlet*: Air or gas from 0 to 150 psi (0 to 15 bar)

Outlet: 15 to 280 psi (1 to 19 bar)

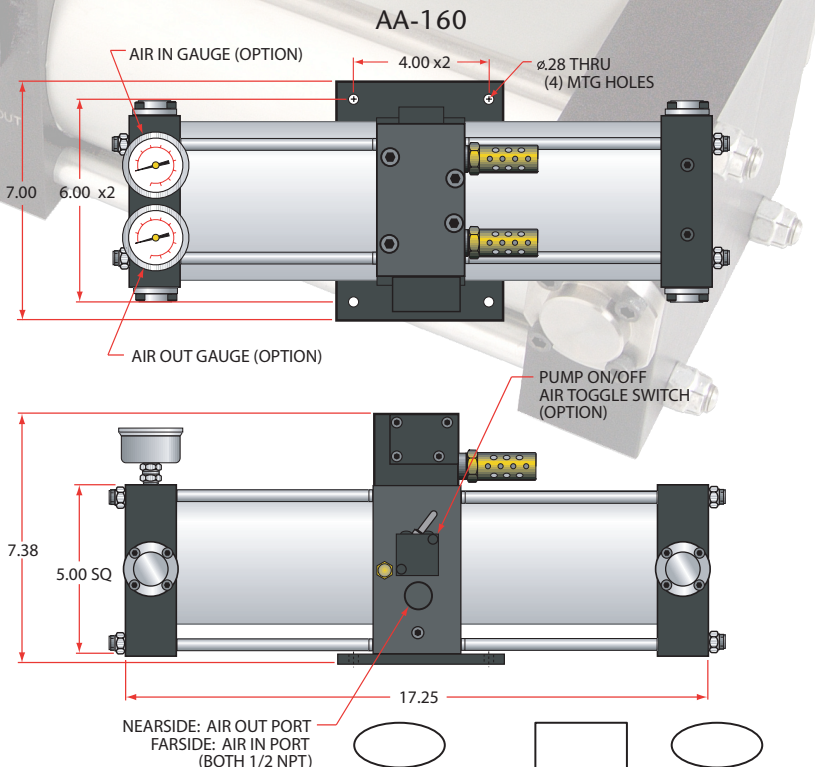
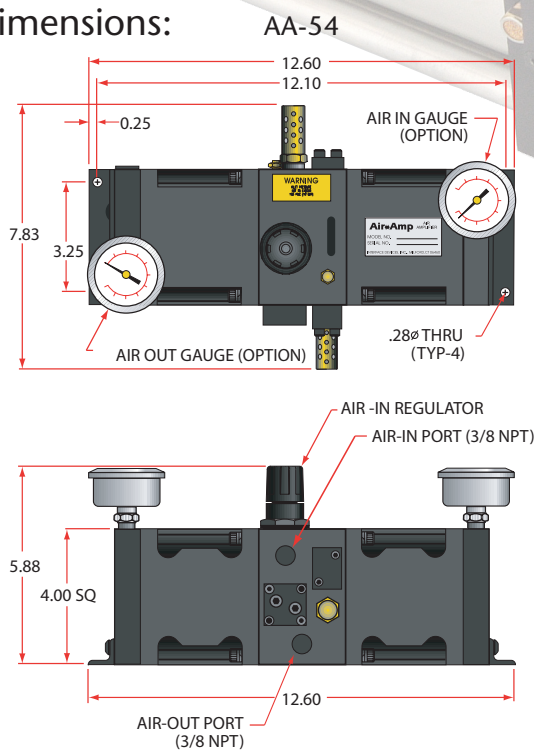
* Inlet is internal for air and separate for gas

AA-54		AA-160
54 in ³ (885 cc)	Displ./Cycle	160 in ³ (2622 cc)
3/8 NPT	Connections	1/2 NPT
13 lb (6 kg)	Weight	26 lb (12 kg)
23 SCFM (.65 m ³ /h)	Max Air Consumption	54 SCFM (1.52 m ³ /h)
Yes	Built-in Regulator	No

Performance (Typical only - consult factory for specific applications)



Dimensions:



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