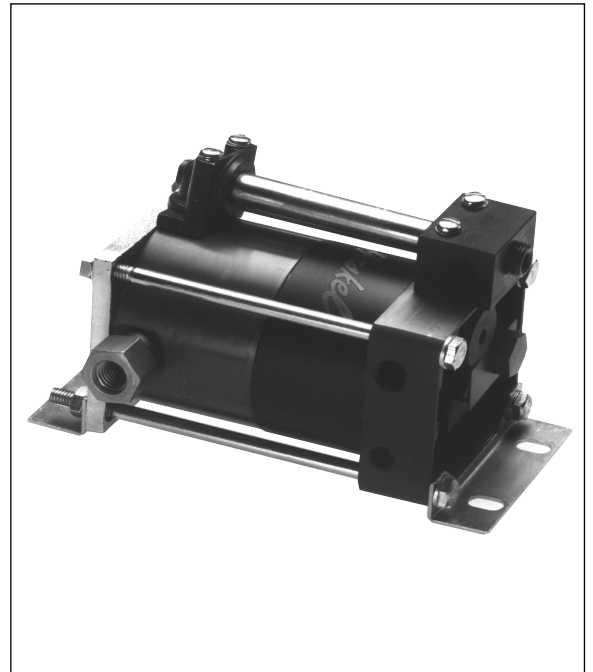


**Pressure Amplifier
Single Acting**

- Increases line pressure by up to 4 times
- Powered by own air supply
- No extra electrical connections required
- No heat, flame or spark risk
- Alternative to high pressure compressor
- Installation in any orientation


Technical Data

Medium:

Compressed air, filtered and non lubricated

Operating Temperature:

+4°C to +65°C

Maximum Inlet Pressure:

8.6 bar

Maximum Outlet Pressure:

MAA - 2.5	22 Bar
MAA - 4	34 Bar

Pressure Increase Ratios:

MAA - 2.5	2,5 : 1
MAA - 4	4 : 1

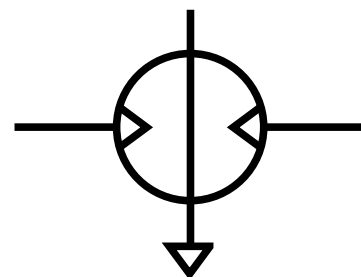
Port Sizes

Inlet 1/4" NPT

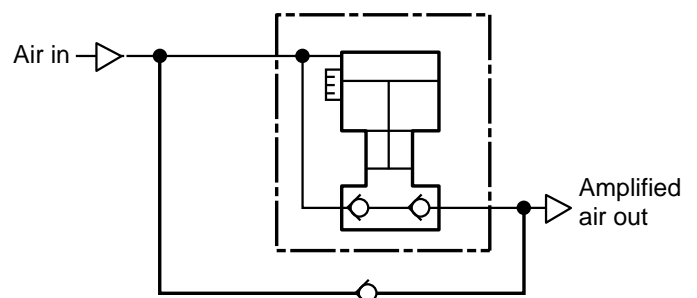
Outlet 1/4" NPT

Ordering Information

To order a single acting pressure amplifier, quote model number from table overleaf.

ISO Symbol


Air Operated Pilot

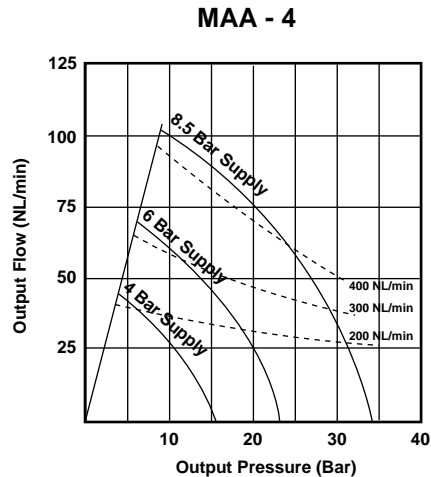
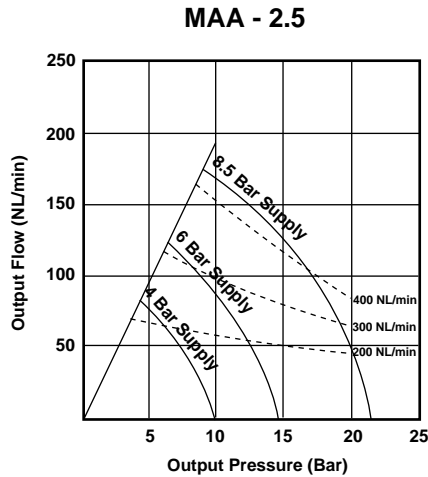




Ordering Information

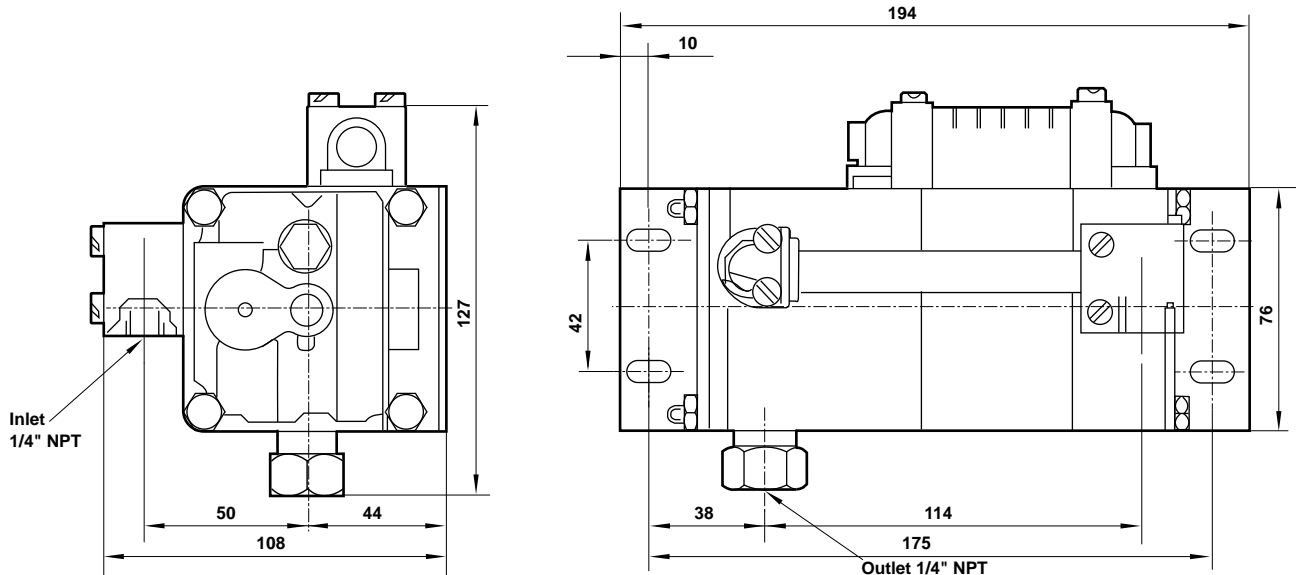
Model	Type	Amplification Ratio	Maximum Outlet Pressure (Bar)	Displacement/cycle (Litres)	Port Size		Weight (kg)	Spares Kit
					Inlet	Outlet		
MAA - 2.5	Single acting	2.5 : 1	22	0.04	1/4 NPT	1/4 NPT	2.25	56946
MAA - 4	Single acting	4 : 1	34	0.02	1/4 NPT	1/4 NPT	2.25	56789

Performance Characteristics



Dashed lines indicate approximate air supply consumption.
 For total air consumption add together output flow and supply air consumption.

Dimensions MAA-2.5 and MAA-4 Models



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical Data'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.