

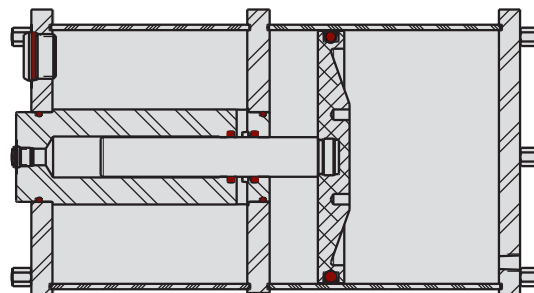
## Compact Air/Hydraulic Boosters Specifications

### Single Acting Systems

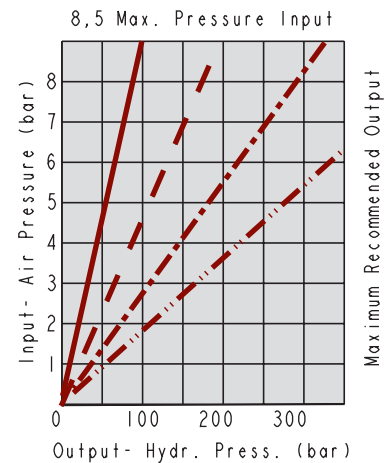
- A booster multiplies your shop air pressure to power simple hydraulic systems without electricity.
- This booster delivers intensification ratios ranging from 11:1 to 54:1.
- Manual or electric control packages are available.

Air/hydraulic boosters are an inexpensive way to power one single acting system. Whether this is your first system or you want a compact "ride-along" power supply for a system, these boosters are an efficient choice. Solid end and intermediate plates capture a reinforced epoxy case which acts as the air cylinder and fluid reservoir. The hydraulic piston runs in a steel cylinder immersed in the fluid reservoir. The double acting air piston design assures you of full fluid capacity on each actuation of the booster.

**NOTE:** One booster can be used to operate one single acting system. Boosters are not intended for use with single acting palletized (disconnected) systems. Boosters may be mounted horizontally or vertically. If mounted vertically, the oil discharge end must point up for proper operation.



ILMV550006 REV E



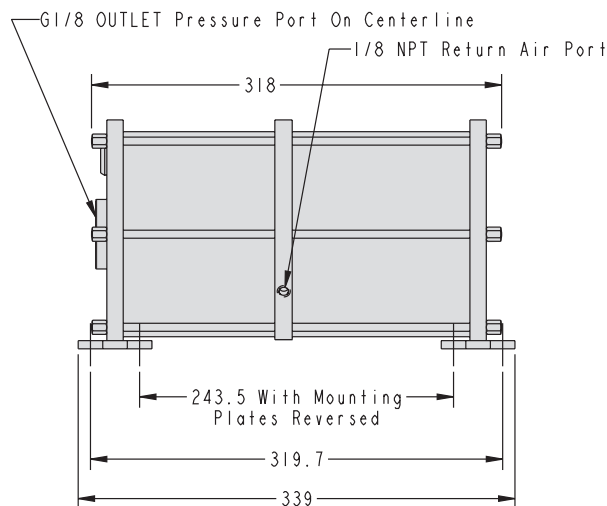
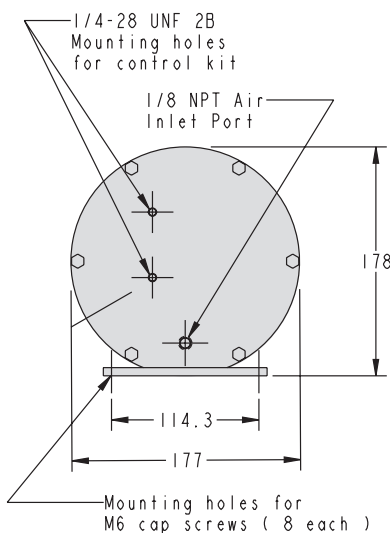
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### Specifications

Model No.	Intensification Ratio	Usable Oil Volume (cm <sup>3</sup> )	Maximum Air Input
Air to Hydraulic Pressure Intensifiers			
45-5000-00	11:1	156.9	8.5 bar (0.85 MPa)
45-5000-03	22:1	82.1	
45-5000-06	40:1	46.2	
45-5000-09	54:1	34.7	

Model No.	Graph Line
45-5000-00	— (Solid)
45-5000-03	- - - (Dashed)
45-5000-06	- · - · - (Dash-Dot)
45-5000-09	· · · · · (Dotted)

ILMV550007 REV A



ILMV550001 REV D

