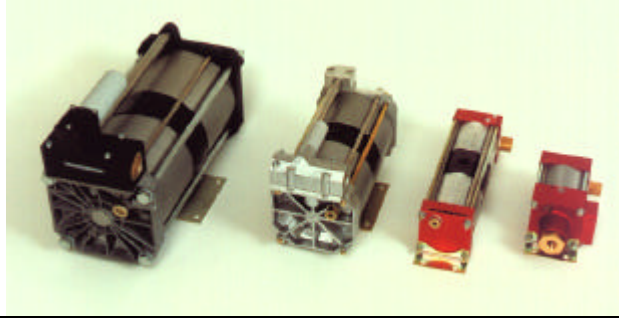


Technical sheet Release: 8/2002	Air Amplifier	MPLV4 Order Code: 3220.0331	
PLV series: GPLV2 – SPLV2 – MPLV2 – MPLV4 (Pressure ratio: 1:2 resp. 1:4)			
Short description MAXIMATOR PLV series are suitable for the compression of shop air. Due to their drive concept they can increase the pressure of an existing shop air line in ratios 1:2 resp. 1:4. Only shop air is needed to operate them.			
Benefits <ul style="list-style-type: none"> - Direct pressure increase for a single application - No energy consumption by the air amplifier when the outlet pressure is reached - Non electrical installation, so application in ex areas possible 			
Technical data			
Inlet pressure:	2 to 10 bar	Connections:	
Outlet pressure:	4 to maximum 40 bar	Inlet:	3/8" BSP
Pressure ratio	1 : 4	Outlet:	1/2" BSP
Medium:	Compressed air, nitrogen	Air drive:	3/8" BSP
Maximum operating temperature:		60°C	
Weight:		2.2 kg	
Wetted material of construction:		All wetted parts are of light metal resp. stainless steel. Dynamic seals are of special wear resisting PTFE (Teflon).	
Accessories:		Air control unit "C1", comprising of combined filter pressure regulator, control pressure gauge and shut-off valve.	
Option:		Air drive port:	1/2 BSP
Packaged Amplifier Systems:			
MPLV4 / 0.75 liter / 40 bar		Comprising:	
		<ul style="list-style-type: none"> - Air amplifier MPLV4 - Filter regulator BSP with shut-off valve - Receiver 0.75 Liter, 40 bar - Safety valve 40 bar - Outlet pressure gauge 0-60 bar, dia. 50 mm - Drain valve 	
		The system comes completely mounted, pressure tested and ready for connection. Bestellcode: 3230.0345/AP201.068.01	
Other available stations:		<ul style="list-style-type: none"> - MPLV4/5 Liter/40 bar Order code: 3230.0589/AP201.154.00	

Please consult factory for more information.

All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

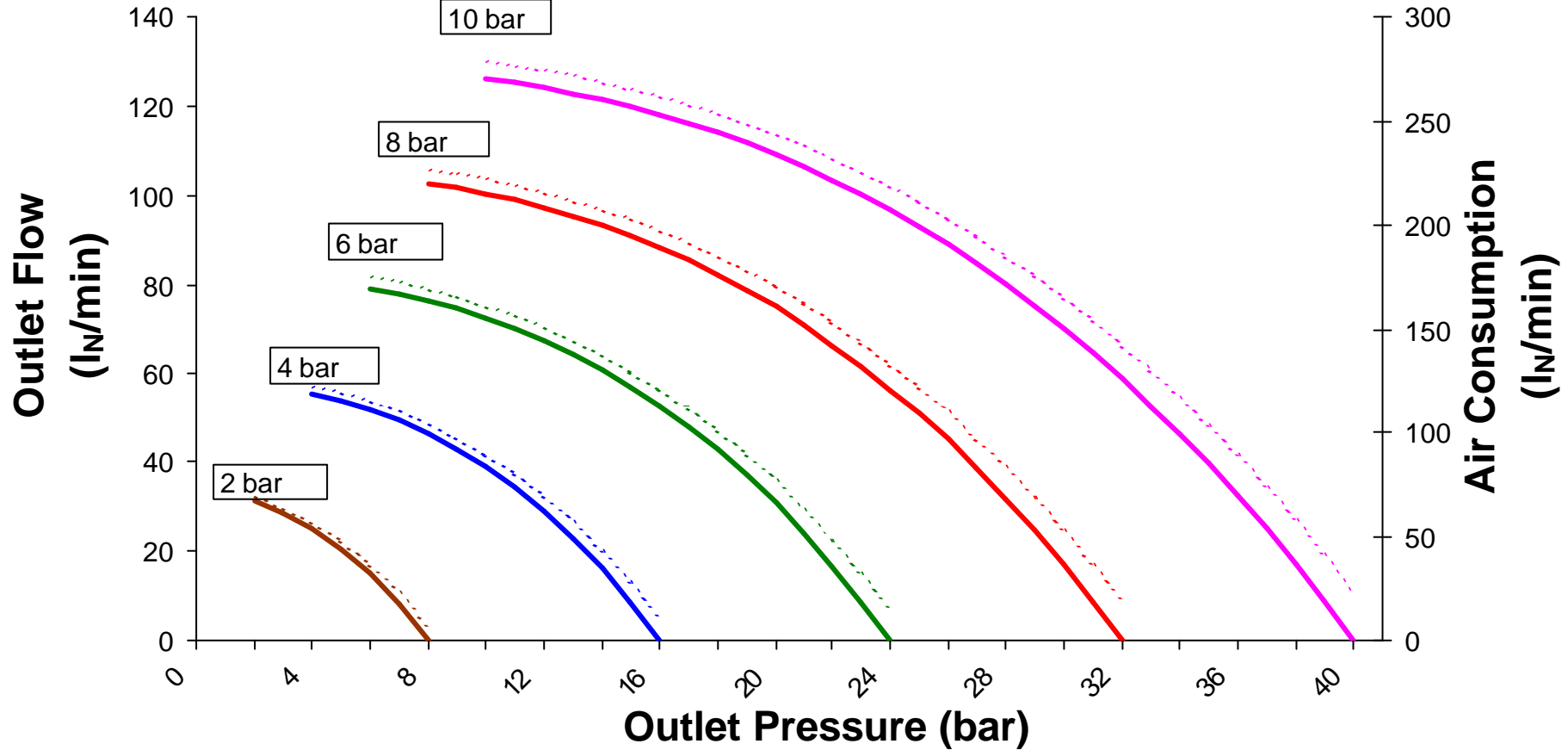
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Performance Graph MPLV 4

For air demand add together outlet flow and air consumption



- Outlet Flow at 2 bar
- Outlet Flow at 8 bar
- - - Air Consumption at 4 bar
- Outlet Flow at 4 bar
- Outlet Flow at 10 bar
- - - Air Consumption at 6 bar
- Outlet Flow at 6 bar
- - - Air Consumption at 10 bar
- - - Air Consumption at 8 bar

