

Air Pressure Amplifier Packages



TYPE HIS-S5A-DS-2

Description:

Model 5A-DS-2 doubles available plant air pressure into a 15 Gal, 200 PSI, ASME code tank. Tank relief is set at 200 PSI. Outlet regulator provides precise control to end use.

Primary Application: Assist air powered machines in large plants with marginal central system air pressure.



TYPE HIHP-S3A-SS-2.5 or-4

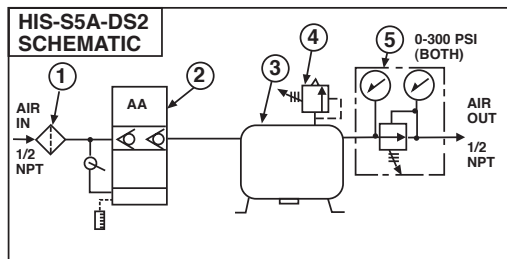
Description:

3A-SS Series amplifies its inlet air into a .6 gallon, D.O.T. code steel bottle. Maximum bottle pressure can be roughly adjusted up to *2.5x or *4x inlet using the inlet regulator.

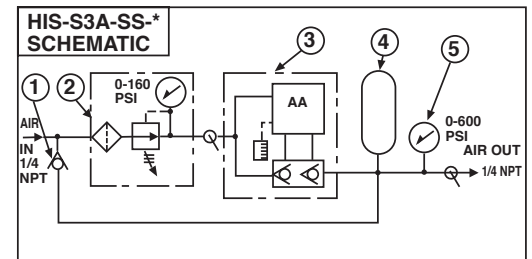
Primary Application: Assist smaller air powered

machines in plants with marginal shop air pressure. Provide air up to 500 PSI for miscellaneous testing.

Item	Description
1	Inlet air filter-water trap, 20 micron
2	5A-DS-2 amplifier
3	Receiver tank, 15 gallon, 200 PSI ASME coded
4	Safety relief valve set at 200 PSI
5	Air regulator, 1/2 NPT, 5-150 PSI range with gauges



Item	Description
1	Bypass check valve
2	Filter/ regulator/ gauge assembly
*3	Amplifier model 3A-SS-2.5 or -4 (specify)
4	.6 Gal, 1800 PSI, D.O.T. bottle
5	Outlet gauge, 0-600 PSI



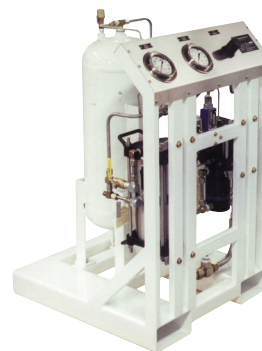
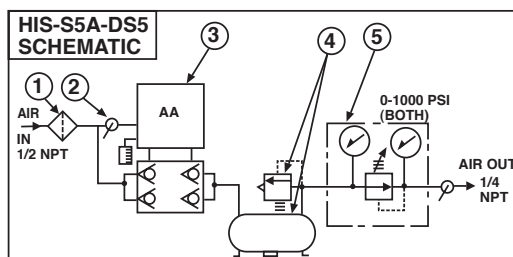
TYPE HIS-S5A-DS5

Description:

Model 5A-DS-5 raises available plant air pressure up to 5x inlet into a 5 Gal, 600 PSI ASME code tank. Tank relief is set at 600 PSI. End use pressure is controlled by the outlet regulator.

Primary Application: 300-500 PSI air for moderate flow air testing or special devices.

Item	Description
1	Watertrap-filter, 20 micron
2	Ball valve- start/stop/ throttle control
3	Model 5A-DS-5 amplifier
4	5 gallon tank, 600 PSI, ASME with relief and drain
5	Gas regulator/ gauge assembly; 50-500 PSI control.



TYPE HIS-S5A-DS-2/5

Description:

Model 5A-DS-2X and 5A-DS-5X in series for 2 stage efficiency and high flow to 390 PSI. Tank is 15 gal, 400 PSI, ASME code. Tank pressure is controlled with PCV valve set at 390 PSI.

Primary Application: 150-350 PSI air for high flow testing, purging, clamping.

Item	Description
1	Model 5A-DS-2X amplifier
2	Model 5A-DS-5X amplifier
3	Model PCV-E020 pilot cut off set at 390 PSI
4	Panel assy: 2 ea 0-600 PSI gauges, 1 ea 3/4" ball valve
5	Filter/moisture trap, 20 mic 3/4" npt
6	Receiver 15 gal, 400 PSI ASME code, with relief valve set at 400 PSI

