

Gas Booster Packages

TYPE HIHPG1

DESCRIPTION:

Booster mounted on kick stand equipped, single gas cylinder hand truck. Enables operation upright or at 45% angle for added stability. Options provide for drive power from either the cylinder gas or shop air, or both choices.

PRIMARY APPLICATION:

Accumulator N2 servicing, aircraft ground support.

- Output range: 1000 - 10,000 PSI
- Booster models 3G; 5G-SS-14, -30, -50, -75
- Gases: nitrogen, helium, argon, oxygen, CO2*



Stationary unit ready to receive supply cylinder.

* CO2 gas inlet must be held to 88°F or higher to prevent a phase change to liquid in the booster.



Mobile unit with supply cylinder ready for operation.

APPROXIMATE DIMENSIONS:
39"W x 13"D x 46"H

APPROXIMATE DIMENSIONS:
39"W x 13"D x 38"H

TYPE HIHPG2

DESCRIPTION:

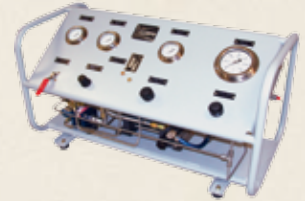
Booster mounted in an aluminum tubular frame with controls for air drive up to 150 PSI. PCV valves sense both gas inlet and outlet pressures to automatically stop the booster when either minimum inlet or maximum outlet pressures are reached enabling unattended operation. Panel mounted gauges read gas inlet and outlet. The drive air gauge is behind the panel for reference.

PRIMARY APPLICATION:

High Pressure gas testing, Gas injection and Gas transfer to portable bottles.

APPROXIMATE DIMENSIONS:
33"W x 17"D x 18"H

- Output range: 1000 - 25,000 PSI
- Booster Models: Select from catalog GB500
- Gases: Most cylinder gases used in industry & life support applications.



TYPE HIHPG3

DESCRIPTION:

Booster supports all piping, gauges and controls, so that booster's standard foot brackets provide the mounting. Drive controls enable powering the unit from either the inlet gas or shop air. PCV valve and relief valve provide adjustable, automatic outlet pressure control. Note: Outlet gauge not included.

PRIMARY APPLICATION:

Fire Dept., hasmat, dive shop breathing gases.

- Output Range: 2,500-6,000 PSI. Maximum inlet varies by model-Ref. catalog GB500.
- Booster Models: 5G-DS, -DD, -TS & -TD series.
- Gases: Breathing air (-50°D.P. min.), nitrogen, helium, argon, oxygen



APPROXIMATE DIMENSIONS:
34"W x 14"D x 14"H

TYPE HIHPG4

DESCRIPTION:

Booster mounted on a watertight protective case (control panel is optional). Drive controls enable powering the unit from inlet gas or shop air, or both choices. PCV valve (s) and relief valve provide adjustable, automatic outlet pressure control.

PRIMARY APPLICATION:

Life support, hasmat, general aviation, dive shop, military

APPROXIMATE DIMENSIONS:
22"W x 13"D x 8"H (3G Series)
25"W x 22"D x 12"H (5G-SS Series)
33"W x 21"D x 12"H (5G-SD, -DS, -TS Series)

- Output range: 1000 - 10,000 PSI
- Booster models: 3G; 5G-SS, -SD, -DS, -TS series
- Gases: Most cylinder gases used in industry and life support applications.



TYPE HIHPG5

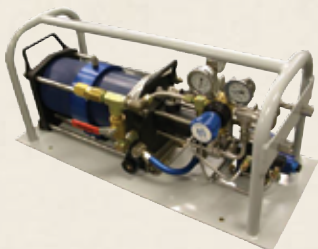
DESCRIPTION:

Booster mounted in a tubular frame with carry handle. Includes drive controls that enable powering the unit from either the high pressure inlet gas or low pressure shop air, PCV valves that sense both gas inlet & outlet pressures to automatically stop the booster when either minimum inlet or maximum outlet pressures are reached, gas inlet & outlet gauges, and relief valve.

PRIMARY APPLICATION:

Accumulator N2 charging and high pressure gas testing

APPROXIMATE DIMENSIONS:
30"W x 12"D x 12"H



TYPE HIHPG6

DESCRIPTION:

Booster mounted on a rigid skid with control panel. Includes drive controls that enable powering the unit from either the high pressure inlet gas or low pressure shop air, PCV valves that sense both gas inlet & outlet pressures to automatically stop the booster when either minimum inlet or maximum outlet pressures are reached, gas inlet & outlet gauges, relief valve, outlet on/off valve and vent valve.

PRIMARY APPLICATION:

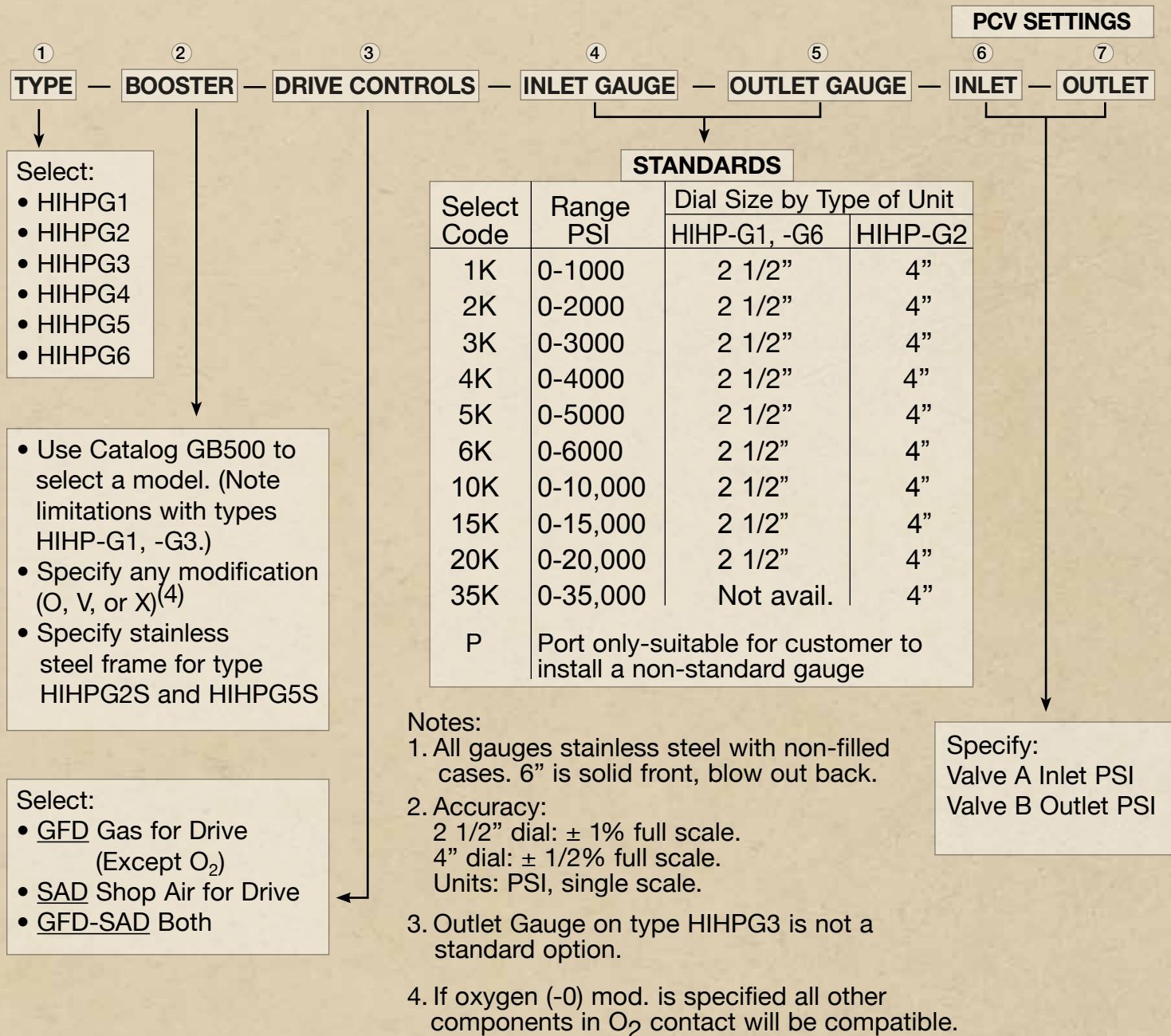
High pressure gas testing, gas injection and gas transfer.

APPROXIMATE DIMENSIONS:
34"W x 14"D x 14"H



HOW TO ORDER A GAS BOOSTER PACKAGE

Model Number Construction:



EXAMPLE

① **HIHPG2S** — ② **5G-TS-14/30** — ③ **SAD** — ④ **3K** — ⑤ **3K** — ⑥ **A200** — ⑦ **B2500**

- This is a
- Stainless Steel Tubular Frame System Package
 - With Model 5G-TS-14/30 Booster
 - With Shop Air for Drive (GFD not a standard option)
 - With 3000 PSI Inlet and Outlet Gauges
 - With PCV Valve Settings of 200 PSI Inlet, 2500 PSI Outlet