

VOLUME BOOSTERS MODEL PHVB SPECIFICATIONS



Volume Boosters Model PHVB Brochure

Table 1. Construction Materials Model PHVB-01/02 Booster.

Item	Description	Materials
1.	Bottom Nut	Brass*
2.	Body Gasket	Neoprene
3.	Spring	Stainless Steel
4.	Plug	Stainless Steel
5.	Soft Seat	Teflon
6.	Body	Aluminium*
7.	Area Plate Assembly	Aluminium*
8.	Soft Seat	Teflon
9.	Diaphragm	Neoprene
10.	Socket Head Screw	Stainless Steel
11.	Top Cover	Aluminium*
12.	O Ring	Nitrile
13.	Adjusting Screw	Stainless Steel
14.	Spacer	Aluminium*

* Stainless Steel construction can be supplied.

Table 2. Construction Materials Model PHVB-03/04/05/06.

Item	Description	Materials
1.	Body	Aluminium*
2.	Gasket O Ring	Nitrile
3.	Blind Nut	Brass*
4.	Spring	304 St. Steel
5.	Plug	St. Steel / Nitrile
6.	O Ring	Nitrile
7.	Seat Ring	Brass
8.	Lock Nut	Stainless Steel
9.	Exhaust Seat	Aluminium*
10.	Diaphragm Plate	Aluminium*
11.	Diaphragm	Nitrile / Nylon
12.	Spacer	Aluminium*
13.	Spring Housing	Stainless Steel
14.	Spring	304 St. Steel
15.	Cover	Aluminium*
16.	O Ring	Nitrile
17.	Lock Nut	Stainless Steel
18.	Adjusting Screw	Stainless Steel
19.	Backing Plate	Aluminium*
20.	Cover Screw	Stainless Steel

* Stainless Steel construction can be supplied.

Typical Application Schematics for Volume Boosters

Spring Diaphragm Fitted with Booster and positioner

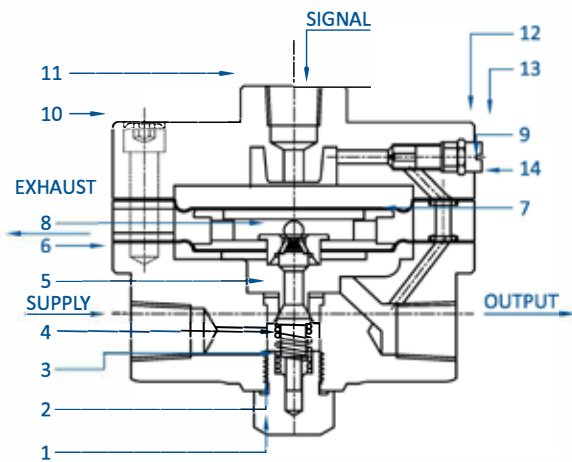
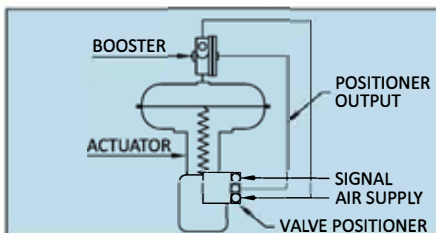


Figure 1. Sectional View Model PHVB-01/02

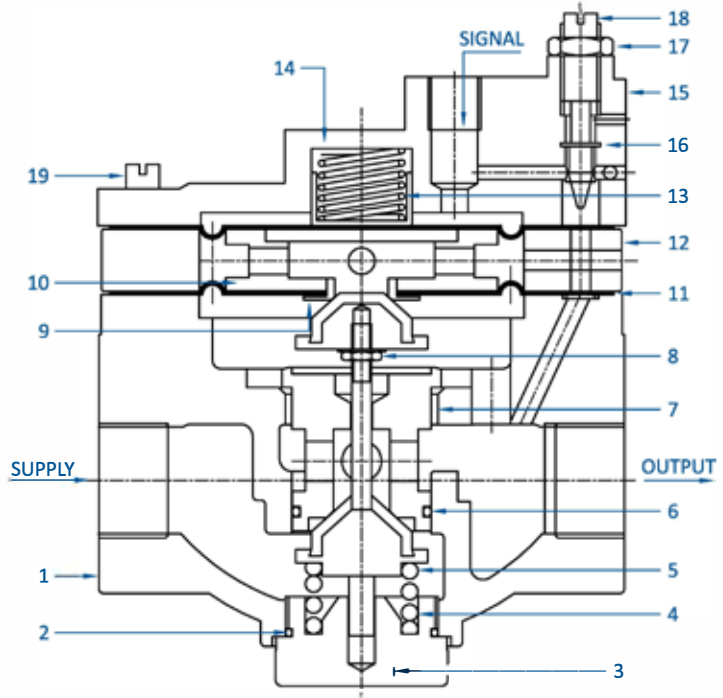
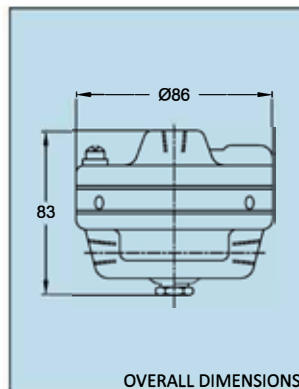
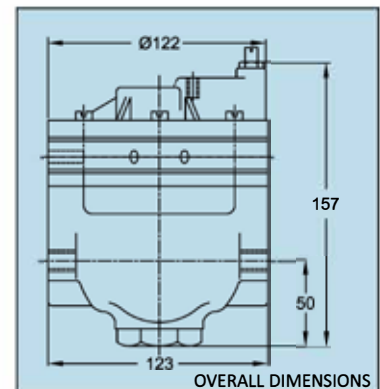


Figure 2. Sectional View PHVB-03/04/05/06



OVERALL DIMENSIONS



OVERALL DIMENSIONS

Model Nos for ordering:

PHVB-01 – ¼" Aluminium Housing
PHVB-03 - 1/2" Aluminium Housing

PHVB-02 – ¼" Stainless Steel Housing
PHVB-04 1/2" Stainless Steel Housing
PHVB-06 – ¾" Stainless Steel Housing



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