

# Hydra-Cell®

## Industrial Pumps

### C80 Airbleed Priming Valve

- *Easy installation*
- *Mounts vertically or horizontally*
- *Allows pump to prime by quickly relieving the system of trapped vapors*
- *Automatically opens when air is present*
- *Available in a variety of materials of construction*
- *Compatible with Wanner F/G-20 thru D/G-12 Series Hydra-Cell pumps*

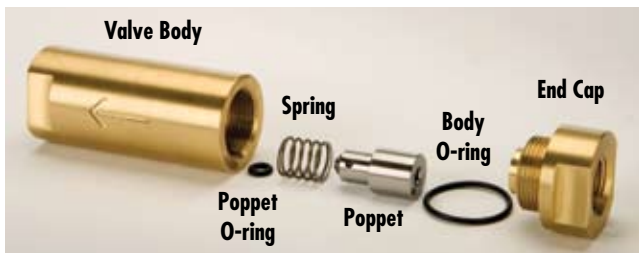
**New  
Accessory!**



**WANNER ENGINEERING INC**

## An Effective Air/Vapor Release Mechanism for Diaphragm Pump Systems

The Wanner Engineering Airbleed Priming Valve creates an open port to atmosphere for the pumping system. The valve allows the pump to clear air (or vapors) from the pump head and discharge plumbing rather than compressing the gas and reducing flow. Automatically opening to clear gas as it becomes present, the valve then closes to develop immediate full system pressure. The valve operates in systems with a minimum of 75 psi (5 bar) back pressure. The C80 Airbleed Valve can be mounted either in a vertical or horizontal configuration ( $\pm 90^\circ$  from the upright position). The T-fitting must be mounted in the upright position as illustrated.

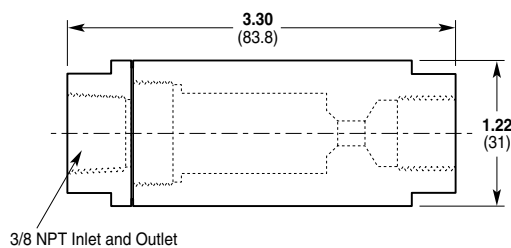


### Specifications

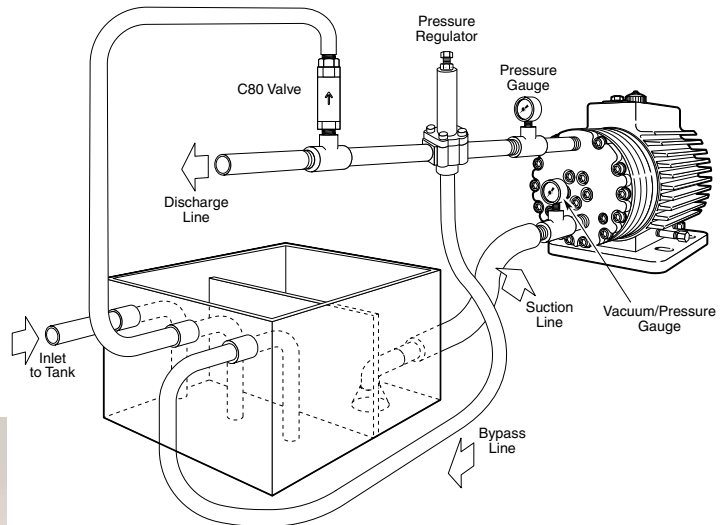
<b>Inlet/Outlet Ports</b>	3/8" NPT
<b>Flow Range</b>	1.5 to 10 GPM (5-37 l/min)
<b>Max Temperature</b>	200°F
<b>Minimum Discharge Pressure Required</b>	75 psi (5 bar)
<b>Pressure Range:</b>	
<b>Metal Units</b>	75-2500 psi (5 to 172 bar)
<b>Non-Metal Units</b>	75-250 psi (5 to 17 bar)
<b>O-ring</b>	Buna, Viton, Neoprene, EPDM
<b>Internal Wetted Parts</b>	Hastelloy C

### Dimensions

in (mm)



# C80 Airbleed Priming Valve



Order Digit	Code	Description
<b>1-4</b>		<b>Valve Configuration</b>
	<b>C80A</b>	1.5 to 10 gpm (5-37 l/min)
<b>5</b>		<b>Flow Range</b>
	<b>A</b>	1.5-3 GPM (5-11 l/min)
	<b>B</b>	2.5-5 GPM (9-19 l/min)
	<b>C</b>	4.5-7 GPM (17-26 l/min)
	<b>D</b>	6.5-10 GPM (24-37 l/min)
<b>6</b>		<b>Body Material</b>
	<b>B</b>	Brass
	<b>M</b>	Kynar
	<b>S</b>	316 Stainless Steel
<b>7</b>		<b>O-rings</b>
	<b>E</b>	EPDM
	<b>G</b>	Viton
	<b>P</b>	Neoprene
	<b>T</b>	Buna
<b>8</b>		<b>Poppet Material</b>
	<b>H</b>	Hastelloy® C276
<b>9</b>		<b>Spring Material</b>
	<b>H</b>	Hastelloy® C276
<b>10</b>		<b>Seat Size</b>
	<b>E</b>	For C80 Models
<b>11</b>		<b>Port Size</b>
	<b>E</b>	For C80 Models (3/8" NPT)



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