



AIR SEPARATORS



ELIMINATES AIR FROM CLOSED LOOP WATER SYSTEMS



The Taco® 4900 Series Air Separators are designed for the complete elimination of air from closed loop heating and cooling systems up to a maximum temperature of 240°F and a maximum pressure of 150 psi. The principle on which the 4900 Series Air Separators operate is a patented and proven method of removing gases from water called the PALL ring process.

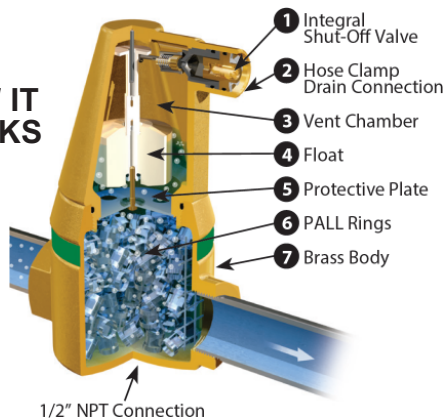
Small air bubbles and micro-bubbles adhere to surfaces on the pall rings in the water path and join together to form larger air bubbles. These combined bubbles then traverse up through the water and into the air chamber to be released by the vent at the top.

Recommended for use with PPE Mold Purging Valve in a closed loop cooling water system. It allows your closed system to burp!

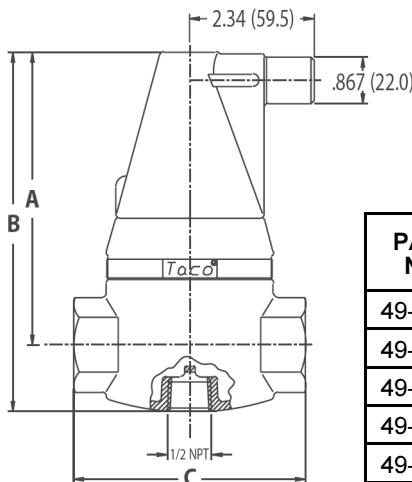
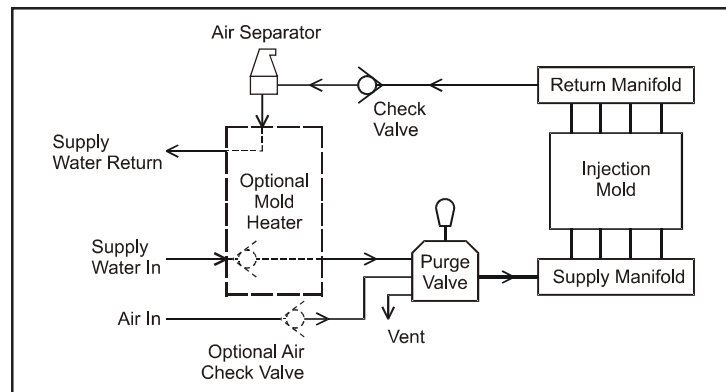
SPECIFICATIONS

Housing Material	Brass
Pall Ring Material	Stainless Steel
Venting Unit Materials	SS, EPDM, Viton, Plastics
Max. Operating Pressure.....	150psi (10bar)
Max. Operating Temperature.....	240°F (115°C)
Min. Operating Temperature	25°F (-4°C)
Media	Water or Water/Glycol
Max. Velocity	5 feet/second

HOW IT WORKS



TYPICAL INSTALLATION SCHEMATIC



**A must for use with
PPE Mold Purging Valves
in a closed loop system.
It allows your system to burp!**

PART NO.	NPT SIZE	A		B		C		WEIGHT		QUANTITY PRICES	
		in.	mm	in.	mm	in.	mm	LBS	KG	1-3	4+
49-075T	3/4"	4-3/4	121	5-15/16	151	3-3/4	96	3.5	1.6	\$117.75	\$114.25
49-100T	1"	5-1/2	139	6-3/4	171	4-3/8	111	4.5	2.0	\$132.75	\$128.75
49-125T	1-1/4"	6-1/16	154	7-9/16	192	4-1/2	114	5.3	2.4	\$186.50	\$180.75
49-150T	1-1/2"	6-1/16	154	7-9/16	192	4-1/2	114	5.4	2.5	\$237.50	\$230.25
49-200T	2"	6-5/8	169	8-7/16	214	5-3/16	131	6.0	2.7	\$299.50	\$290.50

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