

FOR USE WITH MAGNETIC-COUPLED AND DIRECT DRIVE CENTRIFUGAL PUMPS, OFFERING:

- Convenient start-up and re-start
- Unique design for mounting to all horizontal pumps
- Less chance of cavitation
- Four sizes available to handle lifts to 6 ft. (1.8m)

Centrifugal pumps may require a priming chamber as an auxiliary means of lifting liquid from below the pump centerline to the pump inlet or from the liquid surface over a tank wall. The answer to this requirement is this line of easy to use and install priming chambers. Once the priming chamber is filled, the pump can be started and re-started without subsequent re-priming.

Each time the pump is turned off, the priming chamber retains a volume of liquid. When the pump is re-started, it pumps the entrapped liquid out of the priming chamber, creating a vacuum in its place. Atmospheric pressure then forces liquid from the tank or sump up the suction hose or pipe to the pump, completing the prime.

TO ORDER, use Price Code Number. Order BSP connections, pipe, fittings and suction strainers separately.

MODEL ¹	MATERIAL	FLOW	VOLUME	SUCTION LIFT ²	CONNECTIONS	DIMENSIONS	PRICE CODE NUMBER
		GPM (LPM)	in. ³ (cm ³)	FEET (m)	IN x OUT, FILL	INCHES (mm)	
PC 1 x 1 ^{3†}	Polyethylene w/ Viton® gasket	40 (151)	215 (3523)	6 (1.8)	1" MNPT x 1" MNPT w/2" threaded cap	6 X 6 X 9 H (152x152x228)	99-0336
PC 1 1/2 x 1 1/2 *	CPVC, Noryl® & PP † w/EPDM gasket	80 (302)	190 (3114)	4 (1.2)	1 1/2" x 1 1/2" FNPT w/5" threaded cap	9 x 9 x 12 H (228x228x304)	99-1159 1
PC 1 1/2 x 1 1/2 RCV *	Ryton®, CPVC & PP † w/Viton gasket						99-1159 R
PC 2 x 2 *	CPVC, Noryl & PP † w/EPDM gasket	100 (379)	2 (.6)	2" MNPT x 2" FNPT w/5" threaded cap	99-1159 3		
PC 2 x 2 RCV *	Ryton®, CPVC & PP † w/Viton gasket				99-1159 R2		
PC 3 x 2	PVC w/EPDM gasket	180 (681)	3456 (.05 m ³)	3 (.91)	3" FNPT x 2" MNPT w/ 1 1/2" NPT plug	14 Dia. X 36 H (355 D. x 914 H)	99-0308

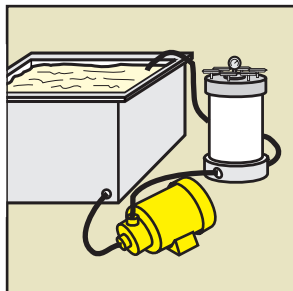
¹ To order Viton gasket, add suffix **V** to Model and Price Code Number.

² Based on water (1.0 SG) at 68° F (20° C). Suction lift is approximate and determined by air volume in suction piping.

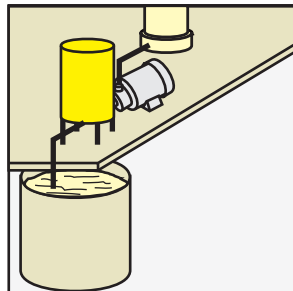
³ Max operating temp. 150°

* Not for use with 2" suction pumps.

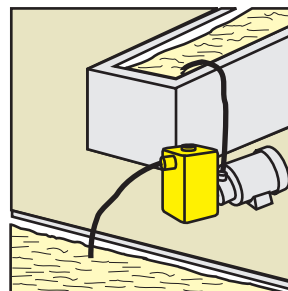
† Removable polypropylene basket strainer.



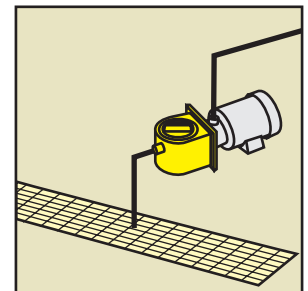
SELF-PRIMING FILTRATION SYSTEM



LIFTING FROM BELOW PUMP LEVEL



LIFTING OVER SIDE OF TANK



EMERGENCY STANDBY and SUMP PUMPING