

SECTION: 2.70.060

FM2333

0509

Supersedes

1008

City Pressure Boosting Systems



ZOELLER
PUMP CO.

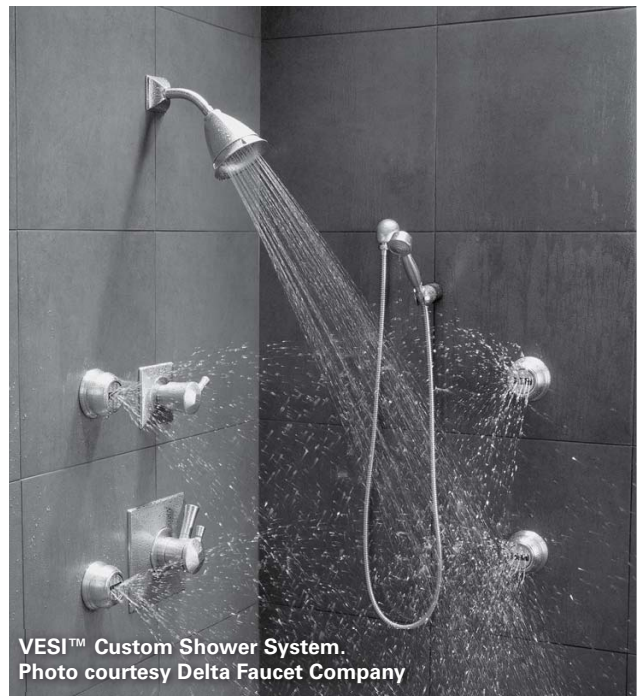
visit our web site:
www.zoeller.com

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

Boosting your city water pressure made easy . . .

Zoeller Pressure Booster Systems are designed to increase household water pressure when city water pressure is a problem. These pre-packaged pressure systems are ideal for single or multi-family dwellings. The systems are used

in applications from 1 GPM to 20 GPM ranging in water pressure boosts up to 70 PSI. In addition to increased water pressures, the patented controller allows the system to deliver constant pressure at any given flow rate.



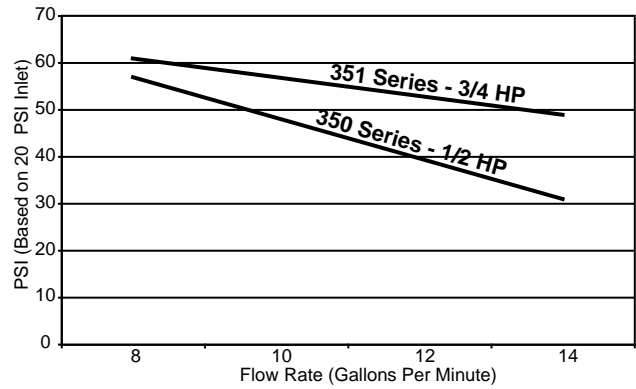
More Water — More Pressure — When You Need It!

The Zoeller systems are installed in tandem with your municipal water lines. The system will not interfere with your normal city water flow unless needed, virtually eliminating the up and down water pressure fluctuations experienced in many other tank systems plumbed in line. In fact, the system starts only once and runs continuously as long as the water

flow rate is 1 GPM or more. The pressure switch is used only to automatically turn the system on and as a safety precaution to shut the system off if water pressures get too high. The tank helps prevent water hammer and is used as a safety reservoir to prevent nuisance cycling, i.e. leaky faucet or getting a single glass of water.

MODEL 350 1/2 HP City-Might System

MODEL 351 3/4 HP City-Might System



ILD0478

ORDER NUMBER	TANK TYPE	TANK SIZE	FLOW SENSOR	PUMP INLET	PUMP OUTLET
350-0005	PAINTED	6.0 GAL.	PVC	1 1/4"	3/4"
350-0006	SS	4.6 GAL.	PVC	1 1/4"	1"
350-0007	PAINTED	6.0 GAL.	BRASS	1 1/4"	3/4"
350-0008	SS	4.6 GAL.	BRASS	1 1/4"	1"
351-0005	PAINTED	6.0 GAL.	PVC	1 1/4"	1"
351-0006	SS	4.6 GAL.	PVC	1 1/4"	1"
351-0007	PAINTED	6.0 GAL.	BRASS	1 1/4"	1"
351-0008	SS	4.6 GAL.	BRASS	1 1/4"	1"

MODEL	1/2 HP	3/4 HP
DIMENSIONS:		
LENGTH	20"	21"
WIDTH	12"	12"
HEIGHT	22"	22"
BOOST MAX. PRESS. (PSIG)	37	42
PRESSURE SW. SETTING (PSIG)	48-68 ADJUSTABLE	48-68 ADJUSTABLE
MOTOR SIZE	1/2 HP	3/4 HP
TANK PRECHARGE	46 PSIG	46 PSIG
MIN. INLET GPM REQUIRED @ 10 PSIG.	10 GPM	15 GPM
MAX. CUT OUT PRESSURE	68-70 ADJUSTABLE	68-70 ADJUSTABLE
MOTOR VOLTAGE	115	115
ALL PRESS SW. SETTINGS ADJUSTABLE TO A MIN. 20-40 & MAX 50-70		

MODEL	INCOMING WATER PRESSURE	PRESSURE WITH CITY-MIGHT	TOTAL INCREASED PRESSURE	GALLONS PER MINUTE	ENERGY CONSUMPTION
1/2 HP	20 PSI	57 PSI	37 PSI	8 GPM	8.6 AMPS
3/4 HP	20 PSI	55 PSI	35 PSI	12 GPM	13 AMPS

MODEL 352 1/2 HP City-Mate System

MODEL 353 3 Stage City-Pro System

MODEL 354 4 Stage City-Pro System

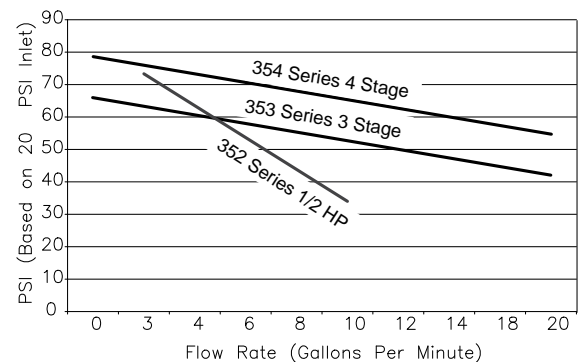


Model 353 shown



ORDER NUMBER	TANK TYPE	TANK SIZE	FLOW SENSOR	PUMP INLET	PUMP OUTLET
352-0005	PAINTED	6.0 GAL.	PVC	1"	3/4"
352-0006	SS	4.6 GAL.	PVC	1"	1"
352-0007	PAINTED	6.0 GAL.	BRASS	1"	3/4"
352-0008	SS	4.6 GAL.	BRASS	1"	1"
353-0005	PAINTED	6.0 GAL.	BRASS	1"	1"
353-0006	SS	4.6 GAL.	BRASS	1"	1"
354-0005	PAINTED	6.0 GAL.	BRASS	1 1/4"	1"
354-0006	SS	4.6 GAL.	BRASS	1 1/4"	1"

	1/2 HP	3 Stage	4 Stage
DIMENSIONS:			
LENGTH	21"	23 1/2"	25"
WIDTH	14"	12"	12"
HEIGHT	23"	20"	20"
BOOST MAX. PRESS. (PSIG)	45	41	54
PRESSURE SW. SETTING (PSIG)	40-60 Adjustable	48-68 Adjustable	48-68 Adjustable
MOTOR SIZE	1/2 HP	1/2 HP	3/4 HP
TANK PRECHARGE	38 PSIG	46 PSIG	46 PSIG
MIN. INLET GPM REQUIRED @ 10 PSIG.	10 GPM	15 GPM	20 GPM
MAX. CUT OUT PRESSURE	60-62 Adjustable	68-70	68-70
MOTOR VOLTAGE	115	115	115
ALL PRESS SW. SETTINGS ADJUSTABLE TO A MIN. 20-40 & MAX 50-70			



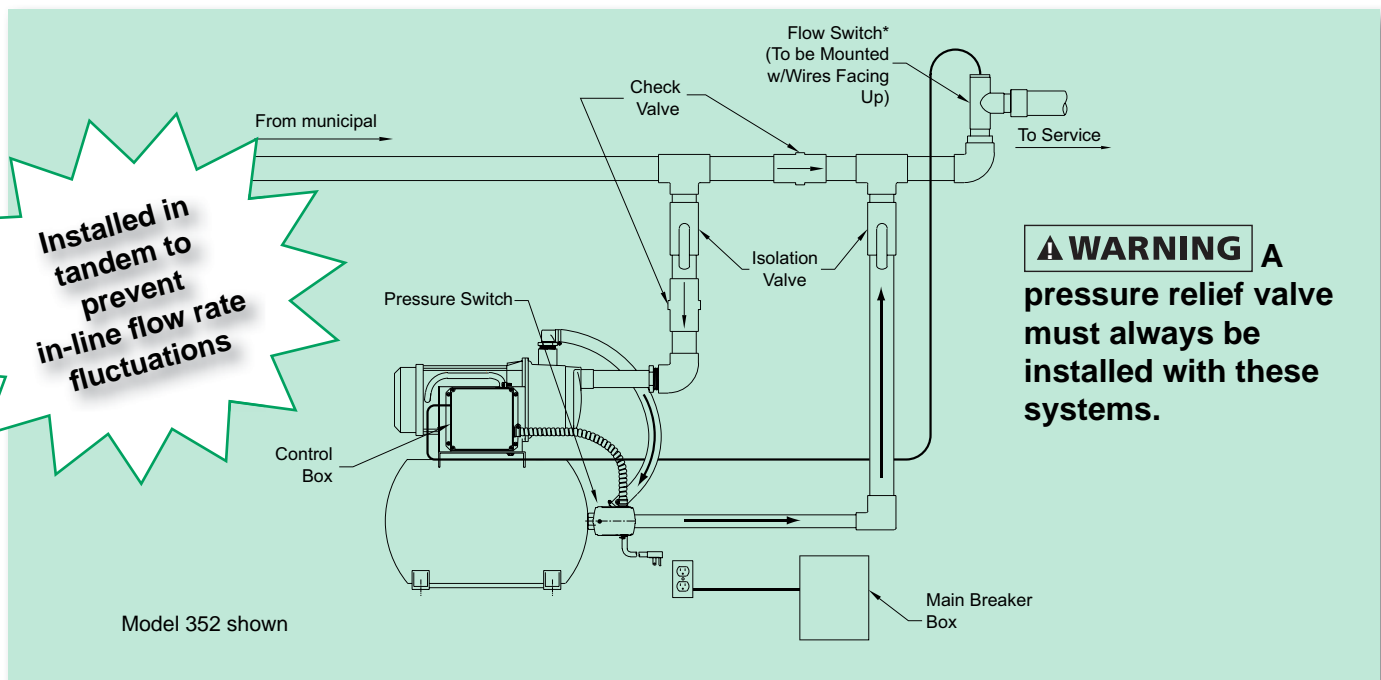
MODEL	INCOMING WATER PRESSURE	PRESSURE WITH CITY-PRO	TOTAL INCREASED PRESSURE	GALLONS PER MINUTE	ENERGY CONSUMPTION
1/2 HP	20 PSI	43 PSI	23 PSI	8 GPM	8.5 AMPS
3 Stage	20 PSI	50 PSI	30 PSI	12 GPM	13 AMPS
4 Stage	20 PSI	55 PSI	35 PSI	20 GPM	14 AMPS

High Performance City Booster Systems . . .



The patent pending controller, flow sensor and pressure switch continuously monitor water flow and pressure. This system saves energy consumption by automatically shutting the unit off if added pressure is no longer required. The control package also protects plumbing from excessively high water pressures, automatically turning the system off if water pressure exceeds 70 psi. It also protects against dry-run conditions, shutting the system down in 30 seconds if no water flow is detected.

TYPICAL INSTALLATION



These systems are capable of delivering up to 70 psi to the house - a pressure relief valve must always be installed with these city booster systems. Factory settings are for a water main pressure of 20 psi. Minimum inlet flow pressure is 10 psi. Systems include painted

steel or stainless steel tanks with a 100% butyl diaphragm for proven water quality protection and long term resistance to corrosion. The pump must be wired on a separate 15 amp (115 volt) circuit. These systems are designed for cold water use only.

"QUALITY PUMPS SINCE 1939"

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.