

Easy Pump Systems / Flux Boosting Systems FBSMS05 15G30P

Selection Chart

APPLICATIONS FOR MODEL: FBSMS05 15G30P

PUMP MODEL: MSC20 05 | PUMP CONTROLLER: FLUX | WATER SUPPLY: CITY WATER OR SUBMERSIBLE PUMP

Recd

FLOW RATE (GPM)	INCOMING PRESSURE (PSI) FROM CITY OR SUBMERSIBLE PUMP				APPLICATION	PRESSURE LOSS (PSI) IN WATER METER	
	20	30	40	50		5/8"	3/4"
	PRESSURE (PSI) IN THE DISCHARGE OF THE PUMP						
Shut - off	63	73	83	93	-----		
5	60	70	80	90	1 Bathroom home	1	0.6
10	55	65	75	85	2 - 4 Bathroom home	3.7	1.6
15	50	60	70	80	5 - 6 Bathroom home	8	3.6
20	40	50	60	70	Up to 7 Bathroom home	15	6.5

- All calculations done based on 3gpm per outlet.
- All calculations done based on 1 floor/level home.
- The pressure at the discharge of the pump does not include the pressure loss in the water meter.
- It is recommended for residential applications, 75 psi maximum discharge pressure in order to prevent damage to piping. If the pressure at the discharge of the pump is higher than 75 psi it is recommended the installation of a pressure reducing valve.
- This calculations do not take into consideration the irrigation system.
- When a water meter is installed at the suction line there are pressure losses that will affect the total pressure in the system. When the pressure loss is higher than 5 psi it is recommended to install a larger water meter.