

*Residential
Pressure Booster
Systems*

FLUX BOOSTING SYSTEM



Aqua Pro Pump Systems
a Tomiko Inc. Company

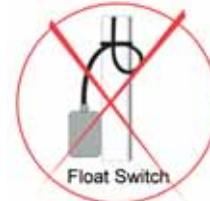
HOW IT WORKS

When the pressure available is insufficient it is necessary to install a boosting system. FLUX BOOSTING SYSTEM starts and stops according to the user's needs. It replaces the traditional pressure switch/tank systems, offering more advantages such as:

- Easy installations.
- Reduced dimensions.
- Constant flow.
- Low maintenance required.
- No need to install pressure tanks.
- Pump protection against running dry, with automatic reset.

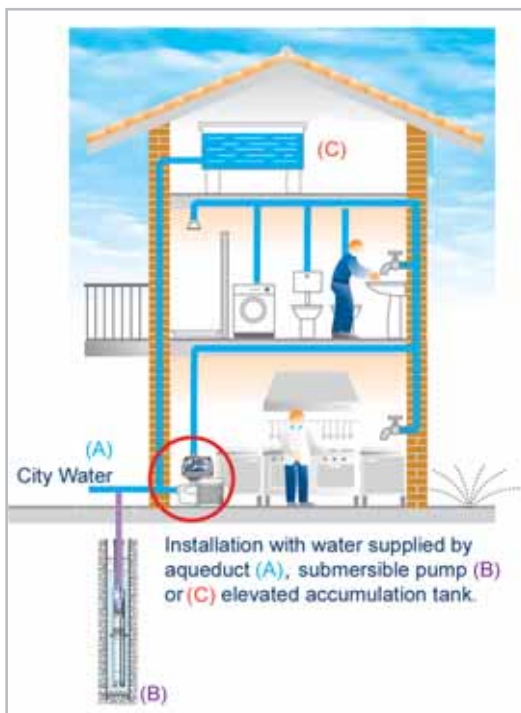
The FLUX BOOSTING SYSTEM monitors the flow rate of the water running thru and protects the pump against dangerous working conditions like running dry.

When a tap is opened and the water demand exceeds the minimum starting flow, FLUX starts the pump and keeps it running, delivering constant flow, even when capacity request is low. FLUX BOOSTING SYSTEMS stops the pump when the demand is below 0.5 gal/min. In case of a leak on the system (less than 0.5 gal/min) FLUX BOOSTING SYSTEM will never start the pump avoiding useless power consumption.



SAVE:

- ✓ Money
- ✓ Space
- ✓ Installation Time



APPLICATIONS

FLUX BOOSTING SYSTEM is made up of a water pump and an electronic pump controller which is used for:

Residential irrigation applications when it is necessary to boost the pressure coming from the city water or a well pump.

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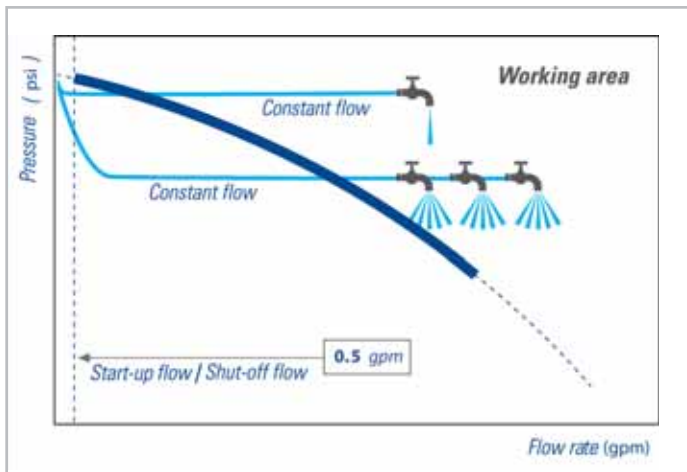
TECHNICAL SPECIFICATIONS

- Voltage: 230 Volt or 115 Volt
- FLUX protection: Water Resistant
- Water pump protection: Outdoor Use
- Dimensions: depends on the system selected.
- Working temperature: 32° -122° F.
- Connections: 1" standard NPT.
- Maximum working pressure: 140 psi.
- Minimum flow rate: 0.5 gpm.



FEATURES AND BENEFITS

- FLUX's body made of technopolymer with a built-in check valve.
- FLUX BOOSTING SYSTEM comes available with different pumps to boost in coming pressures up to 70 psi higher (for selection chart see pages 5-6)
- Friction losses extremely low: this is why it is possible to use FLUX BOOSTING SYSTEM with capacity up to 50 gpm.
- The special valve guarantees the pump continuous operation.
- Circuit board: easy to replace and available in 115V and 230V.



**Flux Boosting System
may be installed
with a pressure
reducer valve.
(see manual)**

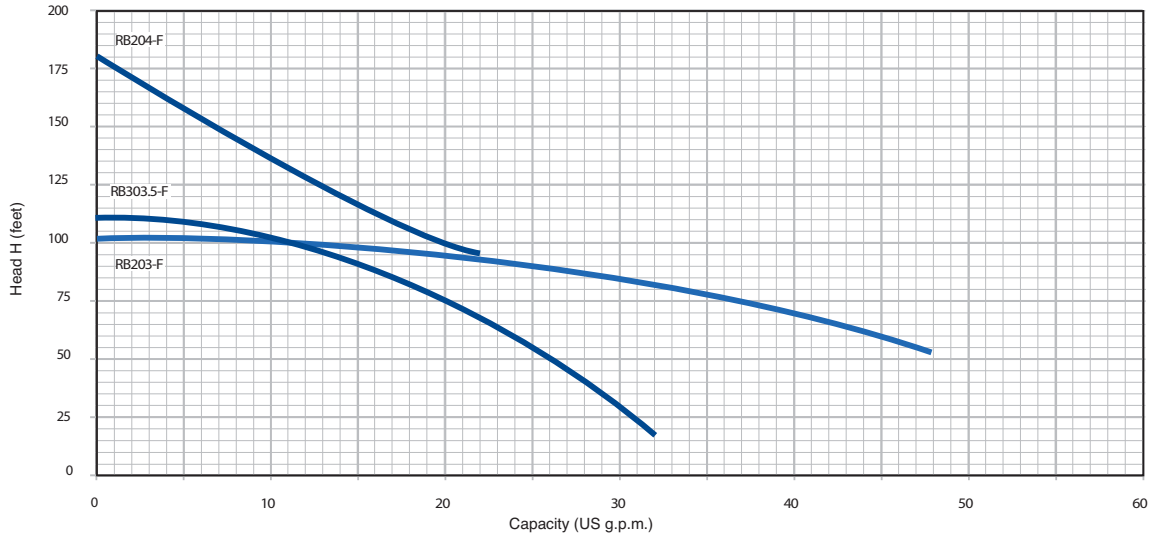
Residential Pressure Booster Systems



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SELECTION CHART

APPLICATIONS FOR MODEL RB203-F

PUMP MODEL: **RB203** | PUMP CONTROLLER: **FLUX** | WATER SUPPLY: **CITY WATER OR SUBMERSIBLE PUMP**

FLOW RATE (GPM)	INLET PRESSURE (PSI) FROM CITY OR SUBMERSIBLE PUMP					APPLICATION
	10	20	30	40	50	
	PRESSURE (PSI) IN THE DISCHARGE OF THE PUMP					
5	55	65	75	85	95	Residential or light irrigation with a minimum 10 psi incoming. Call factory for proper sizing assistance. PH: 925-754-5686
10	50	60	70	80	90	
15	45	55	65	75	85	
20	35	45	55	65	75	

APPLICATIONS FOR MODEL RB204-F

PUMP MODEL: **RB204** | PUMP CONTROLLER: **FLUX** | WATER SUPPLY: **CITY WATER OR SUBMERSIBLE PUMP**

FLOW RATE (GPM)	INLET PRESSURE (PSI) FROM CITY OR SUBMERSIBLE PUMP					APPLICATION
	10	20	30	40	50	
	PRESSURE (PSI) IN THE DISCHARGE OF THE PUMP					
5	76	86	96	106	116	Residential and light irrigation requiring additional psi with gravity flow from city main or storage tank. Call factory for proper sizing assistance. PH: 925-754-5686
10	63	73	83	93	103	
15	55	65	75	85	95	

APPLICATIONS FOR MODEL RB303.5-F

PUMP MODEL: **RB303.5** | PUMP CONTROLLER: **FLUX** | WATER SUPPLY: **CITY WATER OR SUBMERSIBLE PUMP**

FLOW RATE (GPM)	INLET PRESSURE (PSI) FROM CITY OR SUBMERSIBLE PUMP					APPLICATION
	10	20	30	40	50	
	PRESSURE (PSI) IN THE DISCHARGE OF THE PUMP					
10	52	62	72	82	92	Larger Residential and irrigation requiring higher flows with a minimum 10 psi incoming. Call factory for proper sizing assistance. PH: 925-754-5686
20	50	60	70	80	90	
30	45	55	65	75	85	
40	38	48	58	68	78	

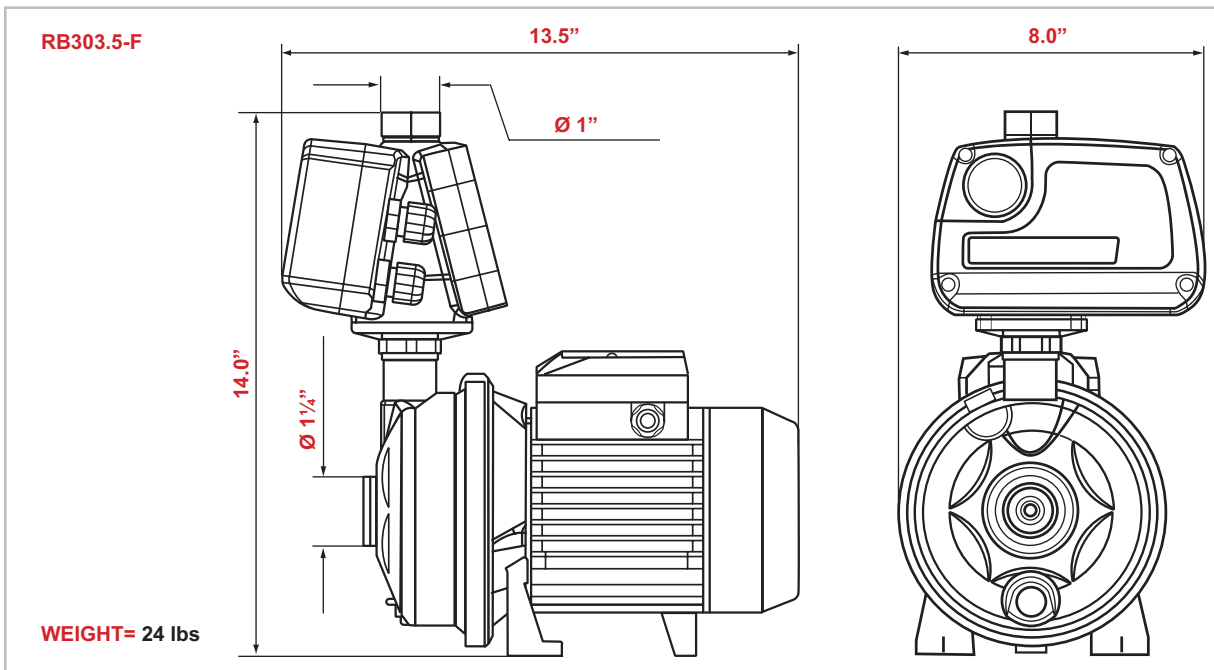
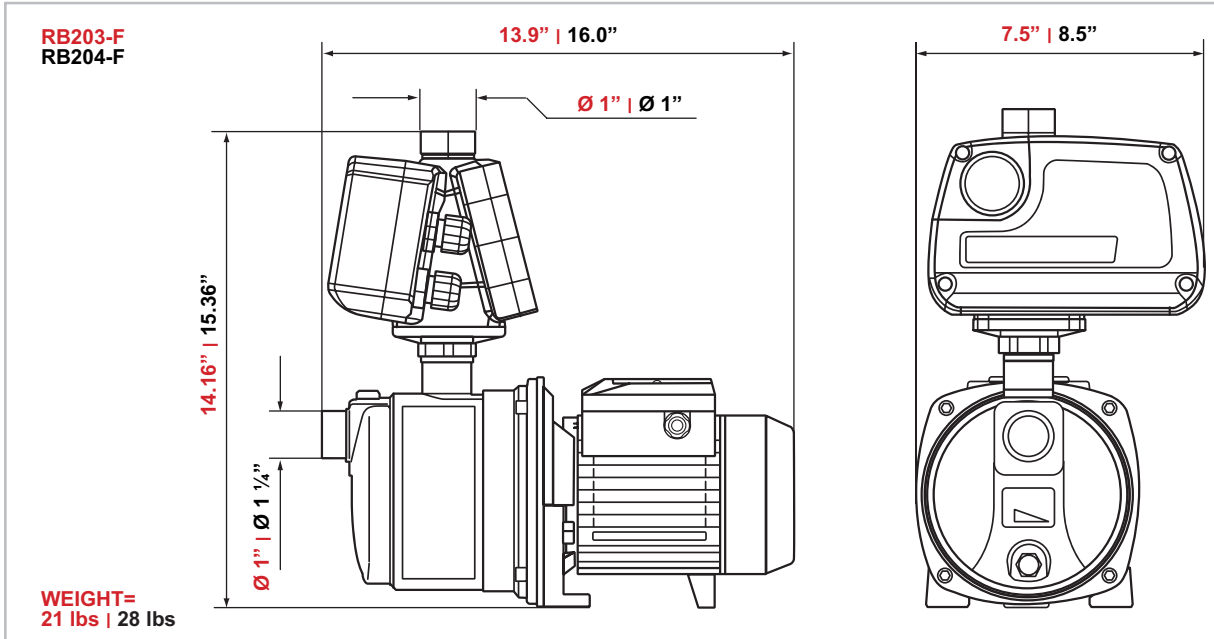
It is required by code that all residential systems be limited to 80 psi system pressure to prevent damage to piping and fixtures.

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DIMENSIONS



Before installing the pump, be sure that the maximum flow of the water meter will not be exceeded (see reference).

REFERENCE	
METER SIZE	MAX FLOW (GPM)
5/8"	12
3/4"	20
1"	30
1 1/2"	50
2"	70

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