



REVERSE OSMOSIS SYSTEMS

Commercial

PIRANHA 200 GPD

FEATURES:

Membrane: One 2.5" x 14" TFC HF3 Membrane/ For maximum Rejection of impurities and high flow.

Membrane Housing: One 2.5" x 14" Champ™ Membrane Housing Features a patented design which requires no tools for service.

Pump: One Aquatec® 8800 Booster pump 110 volt 60 hertz- Designed for continuous use and features built in protection for loss of feed water pressure.

Frame: One aluminum white powder coated triple bracket- Corrosion resistant and lightweight. Optional floor standing frame.

Sediment Filter: One Allied 2.5" x 20" Slim Line 5 micron polypropylene filter- Removes sediments and protects the system.

Carbon Block: One Allied 2.5" x 20" Slim Line 10 micron carbon block- Removes chlorine and odor.

Sediment Filter: One Allied 2.5" x 20" Slim Line 1 micron polypropylene Filter- Removes sediments and protects systems down to 1 micron

Filter Housing: Three Slim Line double O- ring filter housings- Offers durability and improved sealing capabilities

Pressure Gauge: One 1.5" 0-200PSI pressure gauge- For accurate monitoring of the system's operating pressure.

Tank Switch: One Aquatec® Tank Pressure switch w/ 1/4" JG Ports 20-40 PSI- For automatic operation with pressure tank.

Electronic Shut-Off Valve: One Aquatec® Electronic 24 volt solenoid Valve 1/4" - Automatically shuts off the feed water to the system.

Auto Flush Timer Valve: One Aquatec® Auto Flush timer valve 700 ml/min 1/4"- Regulates the product to waste ratio (system's Recovery) and automatically flushes the membrane on start- up.

Transformer: One Aquatec® 8800 2 Amp 110 volt 60 Hertz 24 VAC Transformer.

Easy Maintenance/Operation: Allied R/O Systems feature a compact Design and have all components strategically located for easy access and inspection.



SYSTEM SPECIFICATIONS

Model :	PIRANHA 200 GPD (Commercial System)
Gallons Per Day :	200 @ 77° F
Weight :	45 lbs.
Auto flush:	Standard
Elements (Qty.)	1
Voltage:	110 or 220
Feed & Waste Connection:	1/4 "
Dimensions :	7" x 22"x 31"
ALLIED Item#	

SYSTEM OPERATING SPECIFICATIONS

Minimum Feed Pressure	35 psi
Minimum NaCl% Rejection	96%
Minimum Feed (GPM)	1
Maximum Hardness	15 Grains/Gallon
Maximum TDS	1000 ppm
Operating Pressure	150 psi
Nominal NaCl % Rejection	1
Maximum Feed (GPM)	3
pH Range	3 - 11
Maximum Temperature	105° F



Typical Allied R/O System Installation