

Line Pressure

Reverse Osmosis System

- Operates on normal tap water pressure
- Polyurethane-coated, aluminum construction with wall mounting bracket included for easy installation
- Feed water solenoid valve (1/4" brass) for automatic operation from tank level control switch (120 VAC) or hydraulically operated permeator valve
- Activated carbon cartridge prefilter (10") for complete chlorine removal
- Thin-film composite, spiral-wound membrane (30 sq. ft.) for maximum water production
- Reinforced polypropylene filter and membrane pressure vessel
- Liquid filled, feed water pressure gauge (0-100psi)
- Pressure relief valve (1/4" brass)



Hydro's Line Pressure reverse osmosis system, ROLP190, and ROLP380, purifies water using a membrane separation process for removing dissolved salts, macromolecules, colloids and particulates.

This reverse osmosis product is used as a pretreatment to deionization systems and can extend the life of your system by up to 800%. There are a number of significant advantages with Hydro's RO system: self-contained and preplumbed, the unit comes ready for easy installation; industrial grade components offer increased reliability; and thin-film membrane technology offers maximum salt rejection and maximum recovery.

The biggest advantage of this RO is its cost. Not only does it produce quality water for less than a penny a gallon, but operating costs are 1/10 those of distillation. Hydro has priced the ROLP190/380 units with your budget in mind, making it a smart choice for any lab.

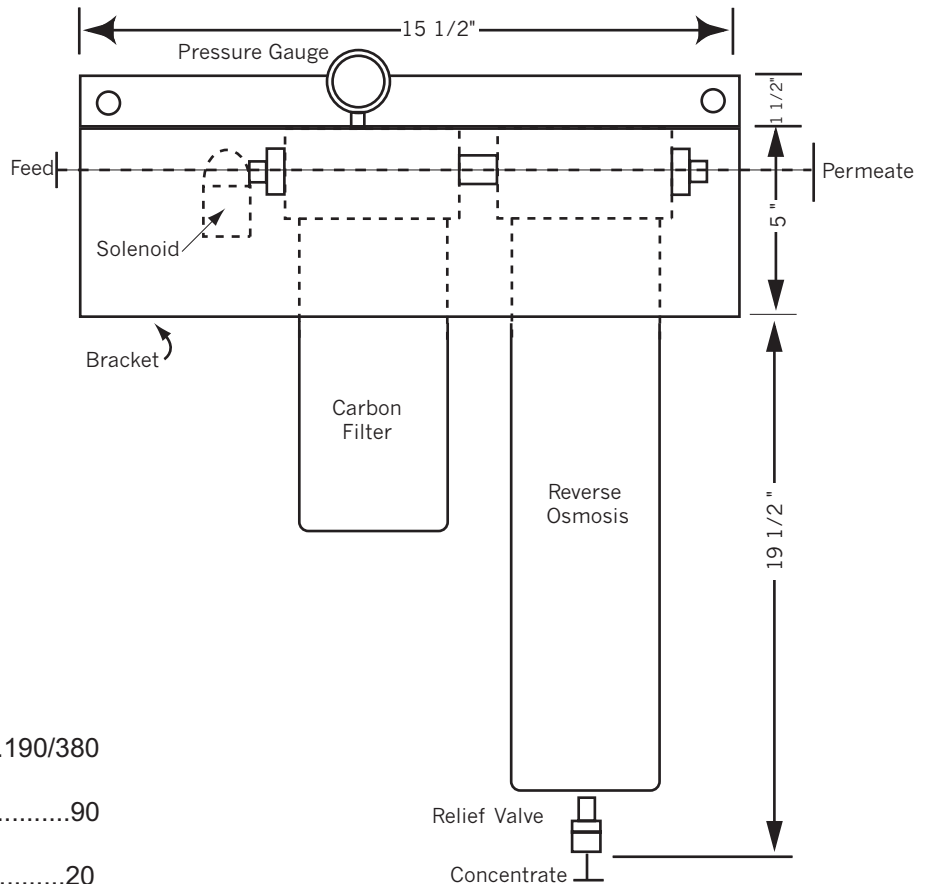
Hydro Line Pressure Reverse Osmosis System

ROLP190/380-TF

Benefits

- Ideal for use as pretreatment for deionization systems
- Compact for use in the laboratory
- Inexpensive to purchase and operate, increasing deionization system life by up to eight times
- Provides CAP Type III Reagent Grade Water*
- Removes organic acids, colloids, organics > 200 molecular weight, and 90% of all dissolved solids

*feed water quality may vary this result



Specifications

Capacity, GPD at 50 psi and 77°F.....	190/380
Salt rejection, average %	90
Maximum recovery, %.....	20
Maximum pressure, psi	100
pH, optimum	4-11
Connection sizes, OD tubing, inches	3/8

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