

TECHNICAL SPECIFICATIONS

Flow Rate / Production*	400 l/h
Salt rejection rate	>99%
Permeate yield WCF (min./max.)**	40-80%
Electrical	240V-50Hz-10amp
Total power	1600 W
Type of protection	IP54
Feed water, concentrate, permeate line***	¾" M
Feed water pressure (min./max.)	3.0-6.0 bar
Surrounding/Feed water temp (min./max.)	5-25/5-35
Iron and manganese (Fe+Mn)	< 0.01 mg/l
Dimensions	35W x 56D x 74H cm
Weight, approx	55 kg

* Water temperature intake 10°C/15°C, salt content as NaCl max. 500 mg/l, pre-pressure intake 3.5 bar. In operation, the actual nominal flow can deviate from the flow quoted in the table due to fluctuations in the inlet water quality, the flow pressure and the flow continuity.

** In principle, the manufacturer recommends use of softened feed water if the water hardness exceeds 249 ppm.

*** Permeate connection ¾" M applicable to RO400-Version.

Attention should be paid to local installation instructions, general guidelines, general hygiene conditions and technical data.

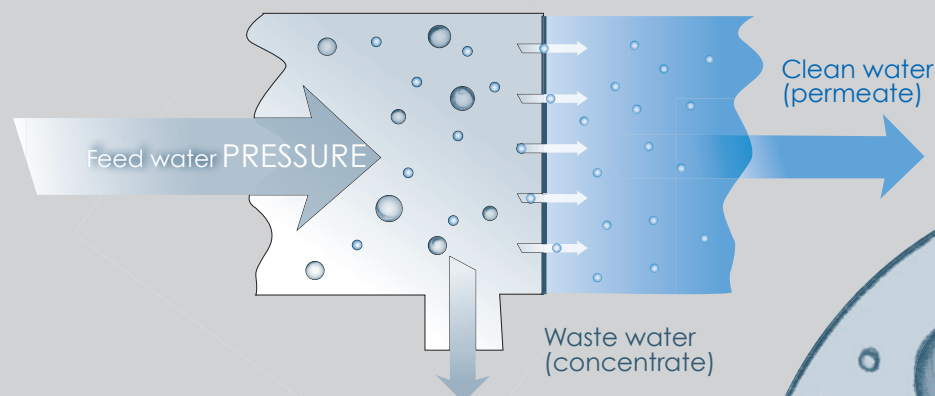
(Use pressure limiter to ensure max pressure is not exceeded.)

FEATURES AT A GLANCE

The Rhima RO400 HiGH SPARKLE System provides a cost effective solution that results in brilliant spot-free glasses, gleaming streak-free crockery and shining cutlery WITHOUT the need for manual polishing, enhancing your customer's dining experience.

Installed between the mains water supply and your dishwasher, it is ideal for the Rhima larger flight washers and industrial washers requiring a higher volume of RO water.

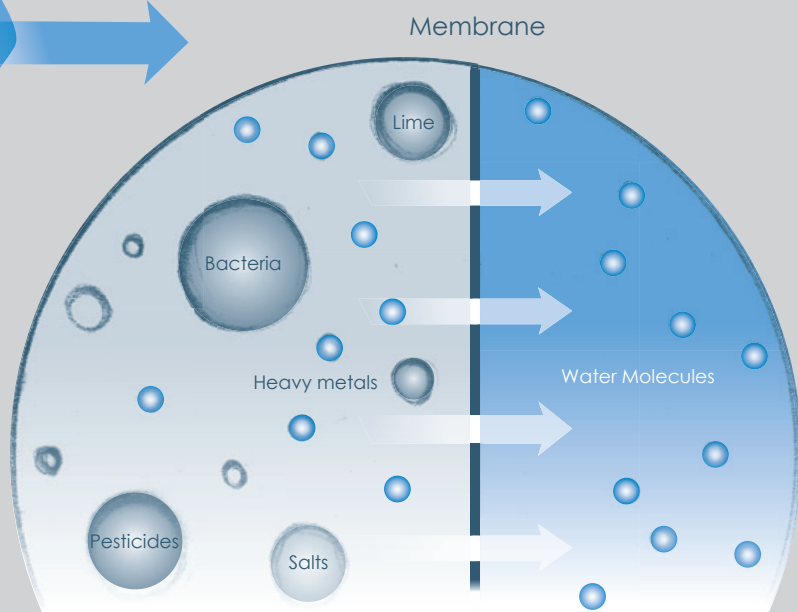
- Removes particles, limescale and salts from the water, eliminating spots and streaks on dried glassware, dishware and cutlery
- Eliminates time-consuming hand polishing of glass ware, crockery and cutlery
- Effervescence of sparkling wines and beers is enhanced
- Reliability combined with an inbuilt monitoring system for simple filter and membrane replacement, provides a cost effective system
- Minimises detergent and rinse additive usage and costs by providing reverse osmosis water
- Variable settings optimize system to suit local water quality
- Optional accessories include pre-filters to suit your particular applicable and local water quality



WHAT IT DOES

The High Sparkle System is a membrane filtration process which in combination with high water pressure filters from the water the dissolved substances such as lime and heavy metals, and lets through only pure water molecules.

The fine membrane pores which hold back even micro organisms, such as bacteria, ensure that dissolved substances are almost totally removed.



TECHNICAL DRAWING

Important pre installation detail:

Incoming water:

Pressure

Minimum: 350 kPa - if < 350 kPa seek advice

Maximum: 600 kPa - if > 600 kPa use pressure limiting valve (PLV600AK1 or similar)

Flow

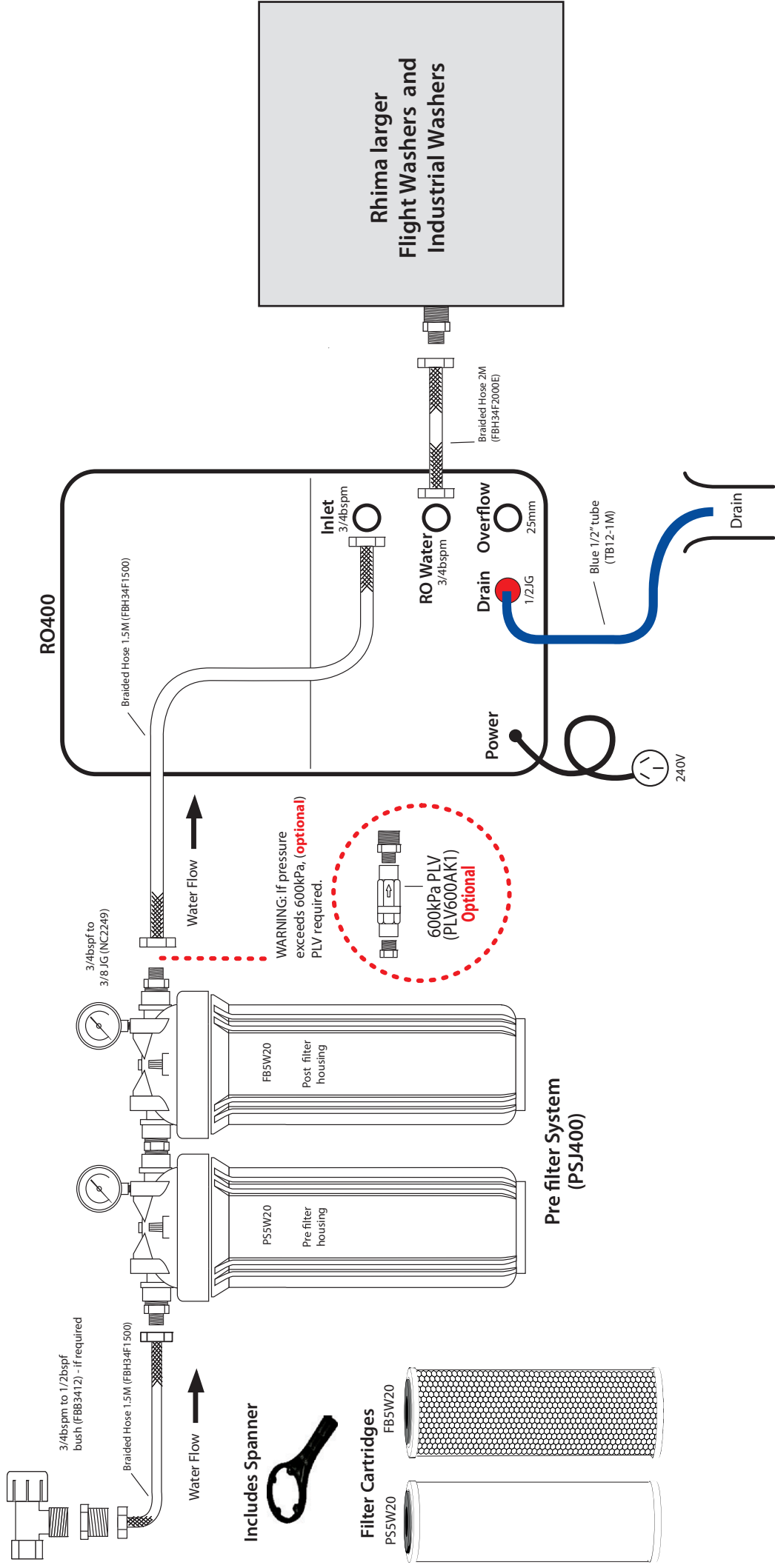
Minimum 15 lpm - check water tap for flow if < 15 lpm seek advice

To check flow rate: run tap into a bucket for 30 secs. Measure water in litres.

Multiply x 2 = litres per minute (lpm)

Feed water Max

Temp: 25°C
TDS: 500mg/l
Fe: 0.05mg/l
Mn: 0.02mg/l
Cl₂: 0.01mg/l
Turbidity: 1.0 NTU
SDI₁₅: 3.0
KMnO₄: 10mg/l



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