



HP RP TRONIC

Automatic pressure regulation valve

Contains:

1x Automatic pressure regulation valve

With the RP TRONIC valve the watermaker will automatic regulate the pressure and will automatic wash itself. The watermakers equipped with HP RP TRONIC will be covered by 3 years warranty.

FRAME OVERALL DIMENSIONS	RP TRONIC
<i>Width</i>	X cm
<i>Height</i>	X cm
<i>Holes Inter axes (Depth)</i>	X cm

OVERALL INSTALLATION DIMENSIONS	RP TRONIC
<i>Width</i>	X cm
<i>Height</i>	X cm
<i>Depth</i>	X cm

Start: LP Pump starts working for 10 sec, taking fresh water into the watermaker. After 10 sec the HP pump starts to work. If the pressure is < 2 bar $\rightarrow$ RP Tronic valve will not start working: $P < 2$ bar = after 20 seconds the machine will turn off (ALARM LOW PRESSURE, NO WATER IN CIRCUIT) If the pressure ≥ 2 bar $\rightarrow$ RP Tronic starts working: $P \geq 2$ bar $\rightarrow$ RP Tronic ON $\rightarrow$ RPT regulates the pressure to 35 bar $\rightarrow$ for 100 sec. (wait time) Meanwhile (100 sec) the pressure will naturally increase due to the density of sea water, up to more or less 45-50 bar. After 100 sec. $\rightarrow$ RPT automatically regulates the pressure to 60 bar ± 1 , maintaining this level even with variations of sea waters' conditions (temperature and salinity) Stop: HP stops $\rightarrow$ EV2 opens $\rightarrow$ LP keeps working for 120 sec to push out the sea water changing it with fresh water $\rightarrow$ Meanwhile the RPT completely opens itself (the automatic flush of the membranes starts), helping the dump of the brine. After 120 sec. of automatic washing, the watermaker automatically stops and stands-by.

