

DATA SHEET

Pure and RO water system **Compact**

Parameters	RO	Pure	Pure 4
Catalogue No.	CT-1245	CT-1005	CT-1004
Catalogue No., pressurized tank configuration	CT-1246	CT-1006	-
Output Grade 2 water resistivity at 25 °C	N/A	>10 MΩ x cm	>10 MΩ x cm
Output Grade 2 water conductivity at 25 °C	N/A	<0.1 μS/cm	<0.1 μS/cm
TDS rejection rate	≥97%	N/A	N/A
Particles >0.22 μm	<1/ per mL	<1/ per mL	<1/ per mL
Nominal flow, pure water (to storage tank)	10 L/h	10 L/h	4 L/h
Deionization module	-	+	+
Display	Monochrome LCD	Monochrome LCD	Monochrome LCD
Dispenser	Optional	Optional	Optional
TOC monitor	-	-	-
Temperature range	15–30 °C	15–30 °C	15–30 °C
Relative humidity	20–80%	20–80%	20–80%
Mains voltage	200–240 VAC	200–240 VAC	200–240 VAC
Power	100 W	100 W	100 W
Fuse	230 V, 3.15 A	230 V, 3.15 A	230 V, 3.15 A
Width*Depth*Height	23*30*41 cm	23*30*41 cm	23*30*41 cm
System weight	10 kg	12 kg	12 kg
Operating weight	11 kg	15 kg	15 kg
Tank	Required, not included		

Feedwater properties

Type of feedwater	Tap water
Feedwater pressure	0.4–4.0 bar
Feedwater conductivity	<1500 μS/cm
Temperature	5–35 °C
pH	4–10
Fouling Index	<5
Iron	<0.1 ppm as CaCO ₃
Aluminium	<0.05 ppm as CaCO ₃
Manganese	<0.05 ppm as CaCO ₃
Total chlorine	<1 ppm
Langelier Saturation Index	<+0.2
TOC	<2000 ppb