

DATA SHEET

Pure water system **Compact EDI Pure**

Parameters	5 EDI Pure	10 EDI Pure	15 EDI Pure
Catalogue No.	CT-5100	CT-5200	CT-5300
Catalogue No., pressurized tank configuration	-	-	-
Output Grade 2 water resistivity at 25 °C	>5 MΩ x cm, typical ≥10 MΩ x cm		
Output Grade 2 water conductivity at 25 °C	<0.2 μS/cm, typical ≤0.1 μS/cm		
Nominal flow, pure water (to storage tank)	5 L/h	10 L/h	15 L/h
Electrodeionization 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	130 W	130 W	130 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	11 kg	11 kg	11 kg
Operating weight	12 kg	12 kg	12 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
Dissolved CO ₂	<30 ppm
Hardness (as CaCO ₃)	<160 ppm
Silica	<30 ppm