

Direct Pure | Direct Pure Water System, H

Generates DI water from tap water, producing up to 45 liters of purified water per hour.

The upgraded Direct Pure water system offers greater convenience in every aspect of use, including enhanced process control, data traceability, and assured performance.

This system is manufactured in our production facility, which is registered under the ISO 9001, ISO 14001, ISO 45001 and ISO 50001 standards. Additionally, It is CE and RoHS certified.



Direct Pure H

Key Features

Reliable water quality

- | Stable RO permeability over a wide range of temperatures
- | Diversion to drain if quality of RO permeate falls below set-point
- | A tank recirculation loop designed to ensure optimal water quality within the storage tank

Data traceability

- | Automatic data backup for up to 2 years
- | Easy data transfer via multiple interfaces, including LAN, USB

Low running cost

- | High-efficiency cartridges and energy-efficient components
- | All-in-one design. Space-Saver

Easy to use

- | An intuitive touchscreen menu allows you to easily access to real-time water quality monitoring, manual and volumetric dispensing, adjustable flow rates, and system alerts
- | Quick installation. Simple maintenance and upkeep
- | Placement flexibility

Environmentally friendly

- | A mercury-free 265 nm germicidal UV lamp
- | Digital and paperless data management
- | Manufactured using green energy sources



Designed for Pure Simplicity

Specifications

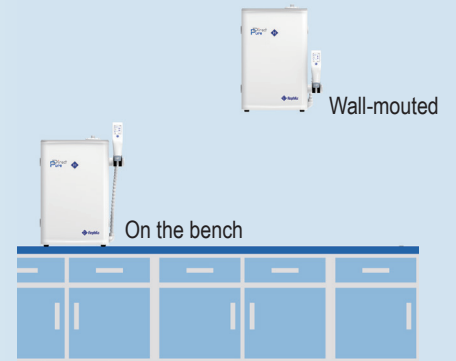
Parameter	Direct-Pure H	
Electrical specifications		
Operating voltage	24 VDC	
Input voltage	100 - 240 VAC	
Main system power	< 190 W	
Feed Water Requirements		
Conductivity / TDS	< 2000 μ S/cm @ 25 °C / < 1000 ppm	
Temperature	5 - 35 °C (41 - 95 F)	
Pressure	1.0 - 6.0 bar (15 - 90 psi)	
Product Water Type	DI water	
Dimensions & Weight		
Dimensions W x D x H	with 10 L tank	414 x 422 x 624 mm (16.3 x 16.6 x 24.5 in)
	w/o 10 L tank	414 x 310 x 624 mm (16.3 x 12.2 x 24.5 in)
Weight	net	20 kg
	gross	29 kg

Product Water Quality	Direct-Pure H
Flow rate	24, 45 L/hr
Dispenser rate	Up to 2 L/min
Resistivity (@ 25 °C)	> 1 M Ω ·cm
Silica	< 3 ppb
RO rejection	97 - 98% ionic rejection (new RO cartridge), > 99% organic rejection, > 99% particulates & bacteria rejection

Water Quality Compliance

Quality of DI water meets or exceeds ASTM, CLSI, CAP and ISO Type II water standards and also complies with the Purified Water requirements from the European and U.S. Pharmacopoeia.

Key Parts



Cartridges

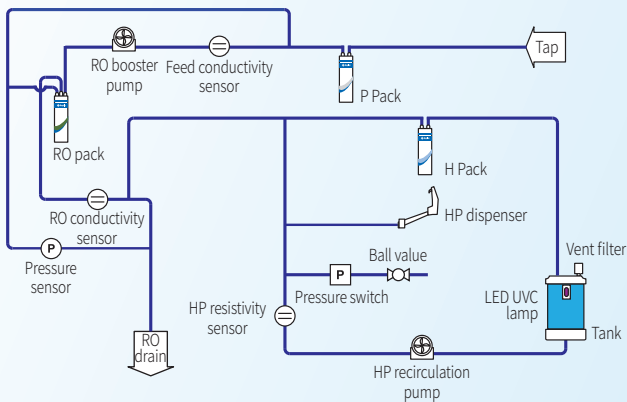
- High pressure rated housings
- Double O-ring sealing
- Color-coded labels
- Clear identification markings



Storage tank

- A 10-liter integrated HDPE tank
- Scalable to 30/60/100/350 liters
- Equipped with a tank sanitization module

Flow Schematic



Ordering Info

Description	Cat. No.
Direct Pure water system, H 24 set	RS0H02000K
Direct Pure water system, H 24 set, with 10L tank	RS0H0200TK
Direct Pure water system, H 45 set	RS0H04000K
Direct Pure water system, H 45 set, with 10L tank	RS0H0400TK

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