

Reverse Osmosis System Technical Manual



Industrial-Grade Solutions · 2024 Edition

Product Series Overview

0.25T/H Dual Vessel Series

0.25T

0.25 ton double stainless steel tank

0.25 tons of double glass steel tank



Body size:	150*65*160cm
Body material:	Stainless steel
Power:	220V
Power:	About 1.76kw
Operating pressure:	0.2-0.5Mpa
Water production:	≤1200ppm(0-38°C)
Temperature:	0°C-38°C
Water production:	0.25T/H
The booster pump:	Vertical New Stainless Pump/ Stainless Pump
Raw water pump:	Horizontal New Stainless Pump/ Stainless Pump
Control valve:	Horizontal New Stainless Pump/ Stainless Pump
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical control:	Delix/Pure Copper Solenoid Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.



Body size:	150*65*160cm
Body material:	Stainless steel
Power:	220V
Power:	About 1.76kw
Operating pressure:	0.2-0.5Mpa
Water production:	≤1200ppm(0-38°C)
Temperature:	0°C-38°C
Water production:	0.25T/H
The booster pump:	Vertical New Stainless Pump/ Stainless Pump
Raw water pump:	Horizontal New Stainless Pump/ Stainless Pump
Control valve:	Horizontal New Stainless Pump/ Stainless Pump
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical control:	Delix/Pure Copper Solenoid Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.

Technical Specifications

Dimensions 150×65×160cm (L×W×H)

Material Stainless Steel/Fiberglass

Power Supply 220V / 1.76kW

Water Production 0.25T/H (25°C)

Operating Pressure 0.2-0.5MPa

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Product Series Overview

0.5T/H Dual Vessel Series

0.5T

0.5 ton double stainless steel tank



Body size:	150*65*160cm
Body material:	Stainless steel
Power:	220V
Power:	About 2.25kw
Operating water pressure:	0.2-0.5Mpa
Temperature range:	≤1200ppm(0-38°C)
Temperature:	0°C-38°C
Water production:	0.5T/H
Boost pump:	Vertical New Technology Pump Horizontal Pump
Raw water pump:	Horizontal New Technology Pump Vertical Pump
Pressure:	High Pressure Membrane (4000-10000 psi)
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical device:	Delix/Pure Copper Solenoid Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.

0.5 tons of double glass steel tank



Body size:	150*65*160cm
Body material:	Stainless steel
Power:	220V
Power:	About 2.25kw
Operating water pressure:	0.2-0.5Mpa
Temperature range:	≤1200ppm(0-38°C)
Temperature:	0°C-38°C
Water production:	0.5T/H
Boost pump:	Vertical New Technology Pump Horizontal Pump
Raw water pump:	Horizontal New Technology Pump Vertical Pump
Pressure:	High Pressure Membrane (4000-10000 psi)
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical device:	Delix/Pure Copper Solenoid Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.

Technical Specifications

Dimensions 150×65×160cm

Material Stainless Steel/Fiberglass

Power Supply 220V / 2.25kW

Water Production 0.5T/H (25°C)

Operating Pressure 0.2-0.5MPa

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Product Series Overview

1T/H Dual Vessel Series

1T

1 ton double stainless steel tank



Body size:	150*75*195cm
Body material:	Stainless steel
Power:	380V
Power:	About 2.5kw
Operating pressure:	0.2-0.5Mpa
Feed water TDS:	≤1200ppm(0-38°C)
Water temperature:	0°C—38°C
Water production:	1T/H
Boost pump:	Vertical Non-Turbine Pump / Turbine Pump
Raw water pump:	Vertical Non-Turbine Pump / Turbine Pump
Control system:	Automatic control (breakdown/overheating protection)
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical device:	Inductive/Capacitor Inducted Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.

1 ton double glass steel tank



Body size:	150*75*195cm
Body material:	Stainless steel
Power:	380V
Power:	About 2.5kw
Operating pressure:	0.2-0.5Mpa
Feed water TDS:	≤1200ppm(0-38°C)
Water temperature:	0°C—38°C
Water production:	1T/H
Boost pump:	Vertical Non-Turbine Pump / Turbine Pump
Raw water pump:	Vertical Non-Turbine Pump / Turbine Pump
Control system:	Automatic control (breakdown/overheating protection)
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical device:	Inductive/Capacitor Inducted Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.

Technical Specifications

Dimensions 150×75×195cm

Material Stainless Steel/Fiberglass

Power Supply 380V / 2.5kW

Water Production 1T/H (25°C)

Operating Pressure 0.2-0.5MPa

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Product Series Overview

2T/H Dual Vessel Series

2T

2 ton double stainless steel tank

2 tons of double glass steel tank



Body size:	170*105*200cm
Body material:	Stainless steel
Power:	380V
Power:	About 3.2kw
Operating pressure:	0.2-0.5Mpa
Water temperature:	≤1200ppm(0-38°C)
Water production:	0°C-38°C
Water production:	2T/H
Raw water pump:	Variable Frequency Pump/Inverter Pump
High pressure pump:	High Pressure Pump/High Pressure Pump
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical device:	Delixi/Fuse Copper Inboard Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.



Body size:	170*105*200cm
Body material:	Stainless steel
Power:	380V
Power:	About 3.2kw
Operating pressure:	0.2-0.5Mpa
Water temperature:	≤1200ppm(0-38°C)
Water production:	0°C-38°C
Water production:	2T/H
Raw water pump:	Variable Frequency Pump/Inverter Pump
High pressure pump:	High Pressure Pump/High Pressure Pump
Filter:	Glass steel tank/stainless steel
Valve head:	Manual/Automatic
Piping:	PVC pipe/stainless steel pipe
Electrical device:	Delixi/Fuse Copper Inboard Valve

The actual configuration and size shall prevail, and the above parameters are for reference only.

Technical Specifications

Dimensions 170×105×200cm

Material Stainless Steel/Fiberglass

Power Supply 380V / 3.2kW

Water Production 2T/H (25°C)

Operating Pressure 0.2-0.5MPa