



Miza company for Import and Export.

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1500LPH RO DESALINATION SYSTEM

1. Purification process

Raw water pump → Quartz sand filter → Cartridge filter →
MOTOR → High pressure pump → RO main system → Clean water

2. Technical parameters

Product name:	RO Desalination system	Feed water:	TDS ≤ 40000 ppm
Brand:	VOLARDDA	Desalination rate:	96-99%
Model:	CXSW-1.5	Pure rate:	50-70%
Capacity:	1500LPH	Working temp. :	0 ≤ 45°C
Voltage:	380V/50HZ	Working pressure:	0.2 ≤ 4.3 Mpa
Power:	12 KW	Equipment size:	L*W*H=192*82*162 cm
Control:	Manual	equipment weight:	375KG
Warranty:	1 year	Package:	Wooden Frame

3. Configuration Checklist

Item	Components & model No.	QTY
Raw water pump	CHL4-30, 380V/50Hz, 0.75KW	1 pcs
Quartz Sand Filter	FRP tank, plastic	1piece
	Top & bottom water distributors	1set



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	Manual filtering valve	1set
	Pressure gauge	1piece
	Quartz sand	160kg
Cartridge filter	JM-10" , -1 , big blue shell	2piece
	10" PP cotton	2 pcs
Motor	Y100L-4, 1.5KW	1 pcs
High pressure pump	Sea desalination high pressure pump	1piece
RO host	High-low pressure switch	1piece
	SW-8040 RO membrane	2pcs
	Membrane housing, FRP1000psi	2pcs
	Conductivity meter	2pcs
	Pressure regulating valve	1pcs
	Flow meter	2pcs
	Pressure level	2pcs
	SS frame, RDA-FSHB1.5C	1set
Clean the tank	SS304,20L	1pcs
Electronic control system	Electric cabinet + controller	1set
Connect pipe	DN20, PVC pipe, ss304 soft pipe	1 set
EXW price: 24889 USD		





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4. replacement price list

No	Name	Size	Quantity	unit price (USD)	Replacement cycle
1	quartz sand	1# \2# \3#	50KG/bag, Need 1_bags	8	1-2 years
2	RO membrane	SW-2521 RO membrane	Need 2_pcs		2-3 years
3	Filter cartridge	10"	Need 1_pcs	5	100 days

Leading Time : About 25-30 working days.





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3TPH RO DESALINATION SYSTEM

1. Purification process

Raw water pump → Quartz sand filter → Cartridge filter →
Motor → High pressure pump → RO main system → Clean water

2. Technical parameters

Product name:	RO Desalination system	Feed water:	TDS ≤ <u>40000</u> ppm
Brand:	VOLARDDA	Desalination rate:	96-99%
Model:	CXSW-3	Pure rate:	30-50%
Capacity:	3TPH	Working temp.:	0 ≤ 45°C
Voltage:	<u>380V/50HZ</u>	Working pressure:	0.2 ≤ <u>0.45</u> Mpa
Power:	1.3KW	Equipment size:	/
Control:	manual	equipment weight:	720KG
Warranty:	1 year	Package:	Wooden Frame

3. Configuration Checklist

Item	Components & model No.	QTY
Raw water pump	CHL8-30, 380V/50Hz, 1.1KW	1 pcs
Quartz Sand Filter	FRP M1044 tank, plastic	1 piece
	Top & bottom water distributors	1 set



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	manual filtering valve	1set
	Pressure gauge	1piece
	Quartz sand	370kg
Cartridge filter	JM-10" , -1 , blue shell	2piece
	10" PP cotton	2 pcs
Motor	Y100L-4,1.5KW	1 pcs
High pressure pump	Seawater high presure pump	1piece
RO host	High-low pressure switch	1piece
	SW-8040 RO membrane	4pcs
	Membrane housing ,FRP1000psi	4pcs
	Conductivity meter	2pcs
	Ss304 Presure regulating valve DN15	1pcs
	Flow meter	2pcs
	Pressure level	2pcs
	SS frame, RDA-FSHB1. 5C	1set
Clean the tank	SS304,20L	1pcs
Electronic control system	Electric cabinet + controller	1set
Connect pipe	DN20, PVC pipe, ss304 soft pipe	1 set
EXW price: 57,075 USD		





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No	Name	Size	Quantity	unit price (USD)	Replacement cycle
1	quartz sand	1#\2#\3#	50KG/bag, Need 2 bags	8	1-2 years
2	RO membrane	SW-2540 RO membrane	Need 2 pcs		2-3 years
3	Filter cartridge	10"	Need 1 pcs	0.8	100 days

Leading Time : About 25-30 working days.





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5000 LPH RO Desalination system

1. Purification process

Raw water pump → Quartz sand filter → Cartridge filter →
Motor → High pressure pump → RO main system → Clean water

2. Technical parameters

Product name:	RO Desalination system	Feed water:	TDS ≤ 40000 ppm
Brand:	VOLARDDA	Desalination rate:	96-99%
Model:	CXSW-5	Pure rate:	30-50%
Capacity:	5000LPH	Working temp. :	0 ≤ 45°C
Voltage:	380V/50HZ	Working pressure:	0.2 ≤ 7 Mpa
Power:	40 KW	Equipment size:	/
Control:	Manual	equipment weight:	1500KG
Warranty:	1 year	Package:	Wooden Frame

3. Configuration Checklist

Item	Components & model No.	QTY
Raw water pump	CHL12-30, 380V/50Hz, 1.8KW	1 pcs
Quartz Sand Filter	FRP tank, plastic	1piece
	Top & bottom water distributors	1set



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	Manual filtering valve	1set
	Pressure gauge	1piece
	Quartz sand	1362kg
Cartridge filter	JM-10" , -1 , big blue shell	2piece
	10" PP cotton	2 pcs
Motor	Y100L-4, 1.5KW	1 pcs
High pressure pump	Sea water high pressure pump	1piece
RO host	High-low pressure switch	1piece
	SW-8040 RO membrane	7pcs
	Membrane housing, FRP1000psi	7pcs
	Conductivity meter	2pcs
	Pressure regulating valve	1pcs
	Flow meter	2pcs
	Pressure level	2pcs
	SS frame, RDA-FSHB1.5C	1set
Clean the tank	SS304,20L	1pcs
Electronic control system	Electric cabinet + controller	1set
Connect pipe	DN20, PVC pipe, ss304 soft pipe	1 set
EXW price: 97203 USD		





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4. replacement price list

No	Name	Size	Quantity	unit price (USD)	Replacement cycle
1	quartz sand	1# \2# \3#	50KG/bag, Need 1_bags	8	1-2 years
2	RO membrane	SW-2521 R0 membrane	Need ____ 2_pcs		2-3 years
3	Filter cartridge	10"	Need ____ 1_pcs	5	100 days

Leading Time : About 25-30 working days.





Reverse Osmosis Plant - Process Flow Diagram

