

# HONG KONG JIU ZHOU INTERNATIONAL GROUP LIMITED

Addr.: NO. 29 GUANGQU ROAD, CHAOYANG DISTRICT, BEIJING, CHINA 100022

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## MERO Series---RO system without pretreatment

MERO- series is Reverse Osmosis System without pretreatment devices and covers wide range production from 800 to 60000GPD with easy installation and low maintenance. System is high quality components designed and 100% factory tested. 1-Year Manufacturer's warranty Years of trouble free service offered.

### Features

Stainless Steel high pressure pump  
Thin film composite membrane  
Membrane housing  
Oil- filled pressure gauge  
Permeate & concentrate flow meter  
Feed water inlet solenoid valve  
Adjustable waste needle valve  
Adjustable HP pump outlet needle valve  
20" 5 micron pre-filter  
Heavy- duty PVC piping  
Relay control (PLC control are available on request)  
conductivity meter  
Flow chart indicating panel are available on request

### Functions:

Auto flush  
Low pressure protection  
High pressure protection  
Tank level control  
Back wash & regeneration signal input terminals(reserved)  
Raw water pump output terminals(reserved)  
Pure water pump output terminals (optional)  
Fully automatic control

### Order information guide:

MERO--  
Membrane L:150 psi B:225 psi  
Membrane housing  
F: FRP S: Seamless Stainless steel  
Capacity GPD

RO system without pretreatment

Reverse Osmosis without Pretreatment

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## MERO Selection

Model	Flow L/H	Membrane	HP Motor		Phase	Piping Inlet	Approx. Dimension
			150psi	225psi			LxWxH(cm)
MERO-800	125	4021x1	0.55kw	1.1kw	single	1/2"	60x60x135
MERO-1500	250	4040x1	1.1kw	1.5kw	single	3/4"	60x60x150
MERO-3000	500	4040x2	1.1kw	2.2kw	single	3/4"	60x60x150
MERO-4500	750	4040x3	1.1kw	2.2kw	single	1"	160x80x150
MERO-6000	1000	4040x4	1.5kw	2.2kw	three	1"	160x80x150
MERO-7500	1250	4040x5	1.5kw	2.2kw	three	1"	160x80x150
MERO-9000	1500	4040x6	2.2kw	3kw	three	1-1/4"	160x80x150
MERO-12000	2000	4040x8	2.2kw	3kw	three	1-1/4"	160x90x150
MERO-15000	2500	4040x10	3kw	4kw	three	1-1/4"	230x70x150
MERO-18000	3000	4040x12	3kw	4kw	three	1-1/4"	230x70x150
MERO-24000	4000	8040x4	4kw	5.5kw	three	1-1/4"	260x100x145
MERO-30000	5000	8040x5	5.5kw	5.5kw	three	2"	260x100x145
MERO-36000	6000	8040x6	5.5kw	5.5kw	three	2"	4000x130x145
MERO-48000	8000	8040x8	7.5kw	11kw	three	2"	5000x130x145
MERO-54000	9000	8040x9	7.5kw	11kw	three	2-1/2"	4000x130x150
MERO-60000	10000	8040x10	7.5kw	11kw	three	2-1/2"	6000x130x150

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**MERO-3000**



**MERO-12000**

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**MERO-18000**

**Water Treatment**