

ICONX-AXRO2440 SKID-MOUNTED SOLUTION

All components are installed and connected on skid, and ready for use

APPLICATIONS

Whole house RO system, café & restaurant, bakery, hotel, water store, ice production, car wash & laundromat, brewery & beverage production, greenhouse, farm, factory & warehouse, steam boiler, heating & cooling circuit, and other commercial applications

Robust high-capacity RO system for the whole house, businesses & more

Pre- & post-water treatment included in one system

Modular design allows for easy tank size applications



Efficient system saves time & space (No need to source different components)

Premium components, pumps, and parts — crafted to last

Easily get desired water options: RO, Alkaline/Mineralized, and DI

Option to disconnect tank(s) and tank base(s) if needed

COMPONENTS

- | | |
|--|--|
| 1 500L (132 gallon) Feed Water Holding Tank | 3 1054 Backwash Filter, Clack 1" Valve |
| 3 BB Filter Housing for Feed Water 4.5" x 20" | 10 Antiscalant Dosing Station |
| 3 Purified Water Option 1: Deionization Port | 11 2-Membrane 4" x 40" RO System |
| 4 Purified Water Option 2: RO Port | 12 500L (132 gallon) Purified Water Holding tank |
| 3 Purified Water Option 3: Alkaline/Mineralized Port | 13 Grundfos SCALA2 Treated Water Booster Pump |
| 6 Inlet Port | 14 UV Lamp |
| 3 Drain Port | 15 Pressure Gauges and Water Probes |
| 3 Grundfos SCALA2 Feed Water Booster Pump | 16 Electric Box |

PHYSICAL PARAMETERS

RO water flow rate	Maximum output 13 GPM - Field Adjustable
Electrical parameters	220 V, 60 Hz, 2.3 kW, 19 A
Approx. weight (bare system / in crate)	360 lb / 560 lb
Dimensions (bare system, W x D x H)	106.5" x 30" x 66.5"
Dimensions (water tank, W x D x H)	27" x 27" x 50"
Dimensions (crate, W x D x H)	54" x 31" x 63"

CONNECTION SIZES

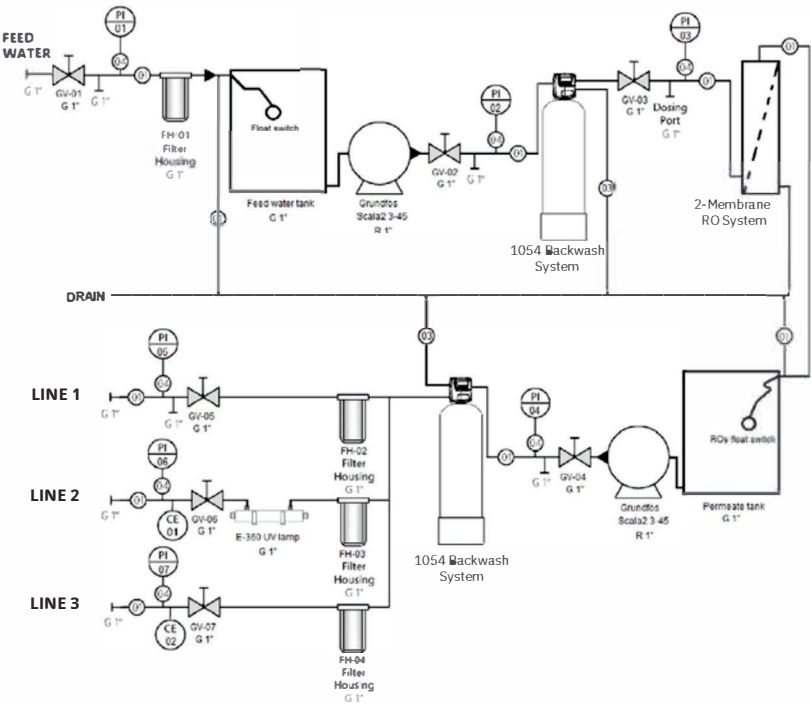
Feed water, drain, treat water	G 1"
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PIPES AND INSTRUMENTS DIAGRAM

AquaX AXRO2440 skid-mounted solution

Piping and Instrumentation Diagram



PIPES AND CONNECTIONS	VALVES	INSTRUMENTS
① PVC pipe 32 mm O.D. G parallel BSPT thread ② PE hose 1/2" O.D. R tapered BSPT thread ③ PE hose 3/4" O.D. ④ PE hose 1" O.D.	- S Solenoid Valve - Ball Valve - Check Valve	- PI Pressure gauge (panel mount) - CE Conductivity probe (process mount)

SYSTEM DIMENSIONS

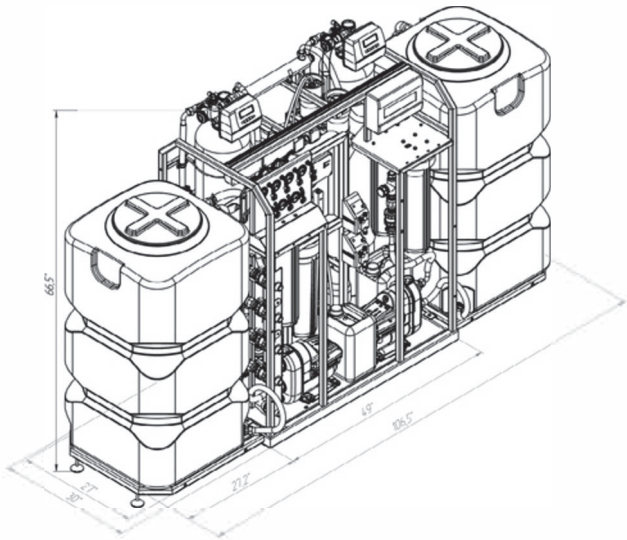


Figure 3.1 Dimensions of bare system

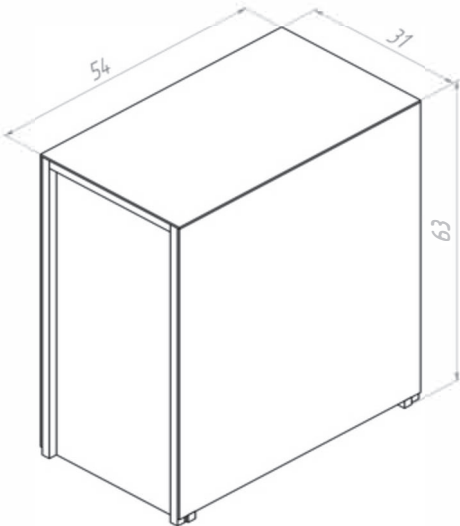


Figure 3.2 Crate dimensions