

Reverse osmosis system 2 m³/h



PHYSICAL PARAMETERS:

Approximate dimensions (bare) 1.88 × 0.7 × 1.90 m
Approximate dimensions (crated) 2.10 × 1.0 × 2.0 m
(Width × Depth × Height, ±5%)
Approximate weight (bare) 260 kg
Approximate weight (crated) 350 kg
Maximum Power Consumption 3 290 W

EQUIPMENT

- EBARA high pressure pump EVMS5 14N5 1 pcs
- 8040-1 membrane housing 2 pcs
- BB20 sediment prefilter 2 pcs
- Motorized valves 1 pcs
- Balancing valves 2 pcs
(concentrate reject, concentrate recycle)
- Electrical panel with Unitronics PLC controller 1 set
- ABB conductivity controller 1 set (pH option)
- Danfoss pressure switches 2 pcs
- AISI 316 Stainless-steel high-pressure line 1 set
- AISI 304 Stainless steel frame 1 set
- Grundfos dosing pump 1 set (option for 2 sets)



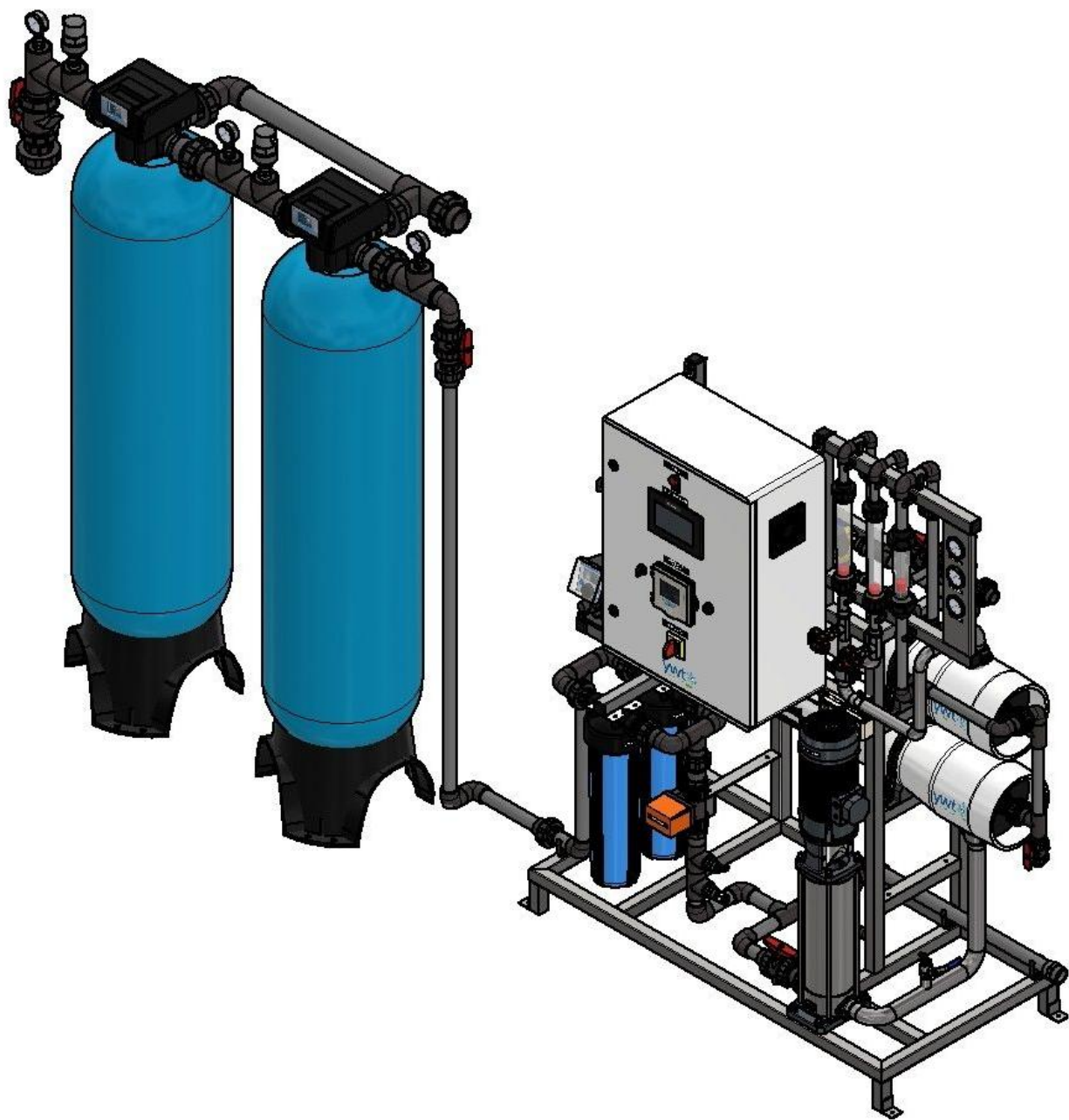
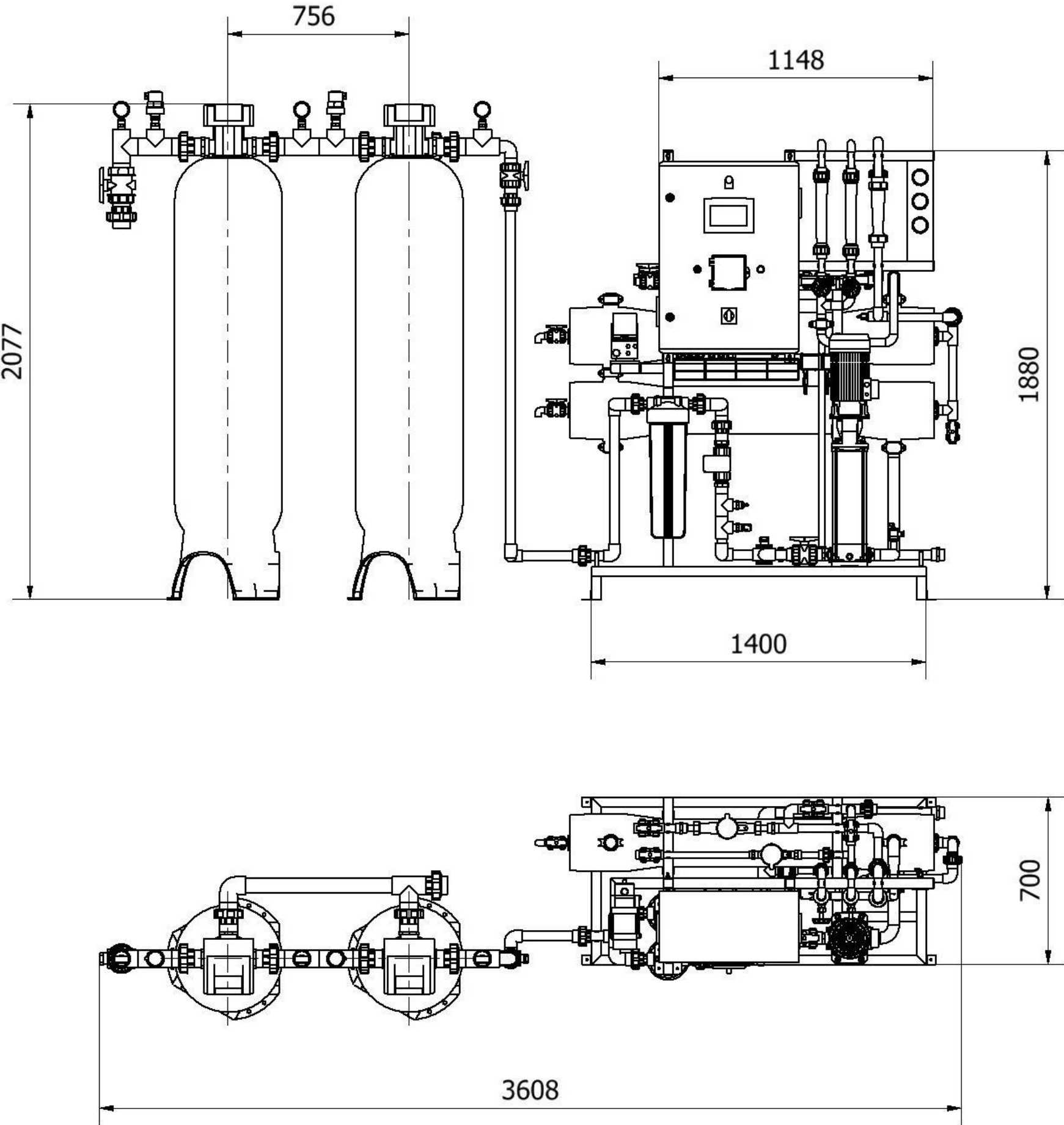
CONNECTION PORT SIZES:

Inlet water G 1¼"
Permeate G 1"
Concentrate G ¾"
CIP inlet G 1¼"
CIP return G 1"
CIP permeate G 1"
Antiscalant dosing port G ½"

8" INOX INDUSTRIAL REVERSE OSMOSIS SYSTEM

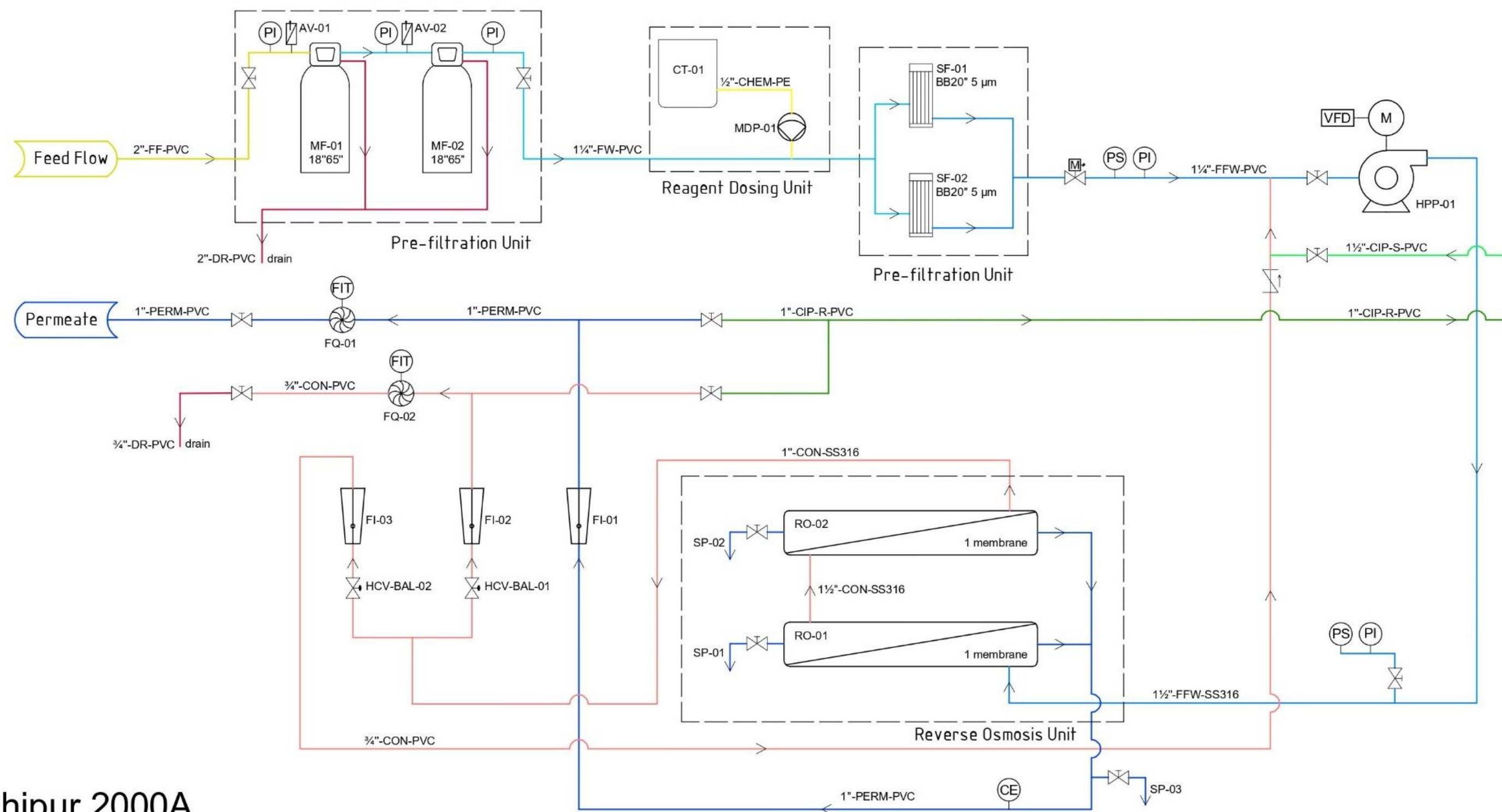
Code	Product	Flow capacity, m³/h (GPH)	Qty x Membrane Size
Shipur 2000A	Reverse Osmosis System 2	2	2 x 8040

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Designed by Sander Sokolover	Checked by Oded Kamari	Approved by Eldar Agaev	Date	Date 03/05/2026	
		Model - Shipur 2000A			
		Reverse osmosis system 2 m³/h			Sheet 1

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P&ID Shipur 2000A

P&ID Legend	
RO Pressure Vessel	
Multi-Media Filter	
Metering Dosing Pump	
Sediment Filter	
Vertical Multistage Centrifugal Pump	

P&ID Legend	
Flow Indicator	
Flow Totalizer	
Chemical Tank	
Pressure Indicator	
Pressure Switch	
Flow Indicator Transmitter	

P&ID Legend	
Conductivity Element	
Hand Valve	
Motor-Operated Valve	
Check Valve	
Hand Control Balance Valve	
Air Vent Valve	

Piping Service and Color Code	
Feed Flow (FF)	
Filtered Water (FW)	
Fine Filtered Water (FFW)	
Permeate (PERM)	
Concentrate (CON)	
Drain (DR)	
Chemical Feed (CHEM)	
Clean-in-place Supply (CIP-S)	
Clean-in-place Return (CIP-R)	