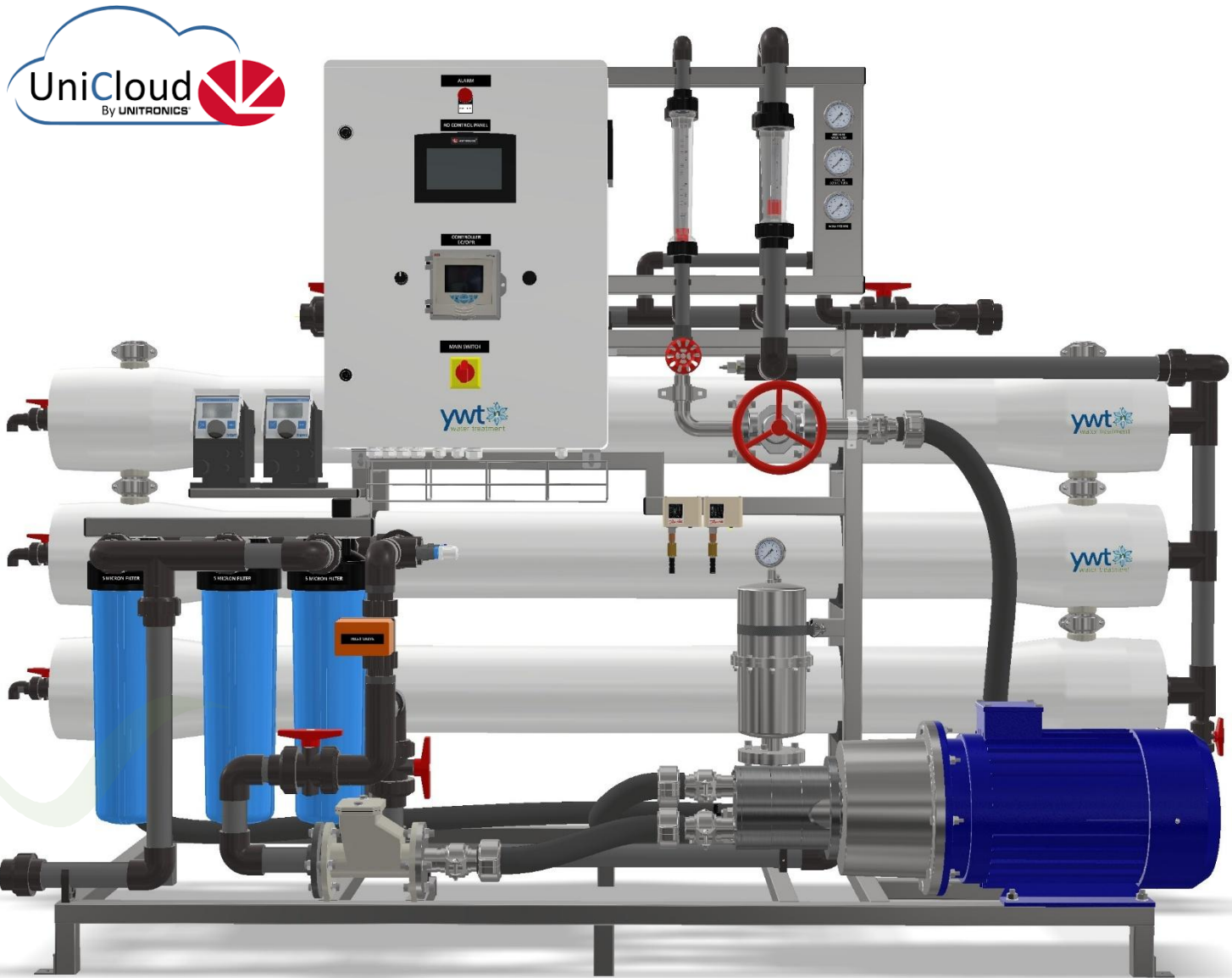


SWRO system 3 m³/h



EQUIPMENT

- Danfoss high pressure pump APP 7.2 1 pcs
- 8040-2 membrane housing 3 pcs
- BB20 sediment prefilter 3 pcs
- Motorized valves 1 pcs
- Balancing valve (concentrate reject) 1 pcs
- Pulsation Dampener 1 pcs
- Electrical panel with PLC Unitronics 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 1½"
- Permeate G 1½"
- Concentrate G 1"
- CIP inlet G 1½"
- CIP return G 1½"
- CIP permeate G 1½"
- Antiscalant dosing port G ½"



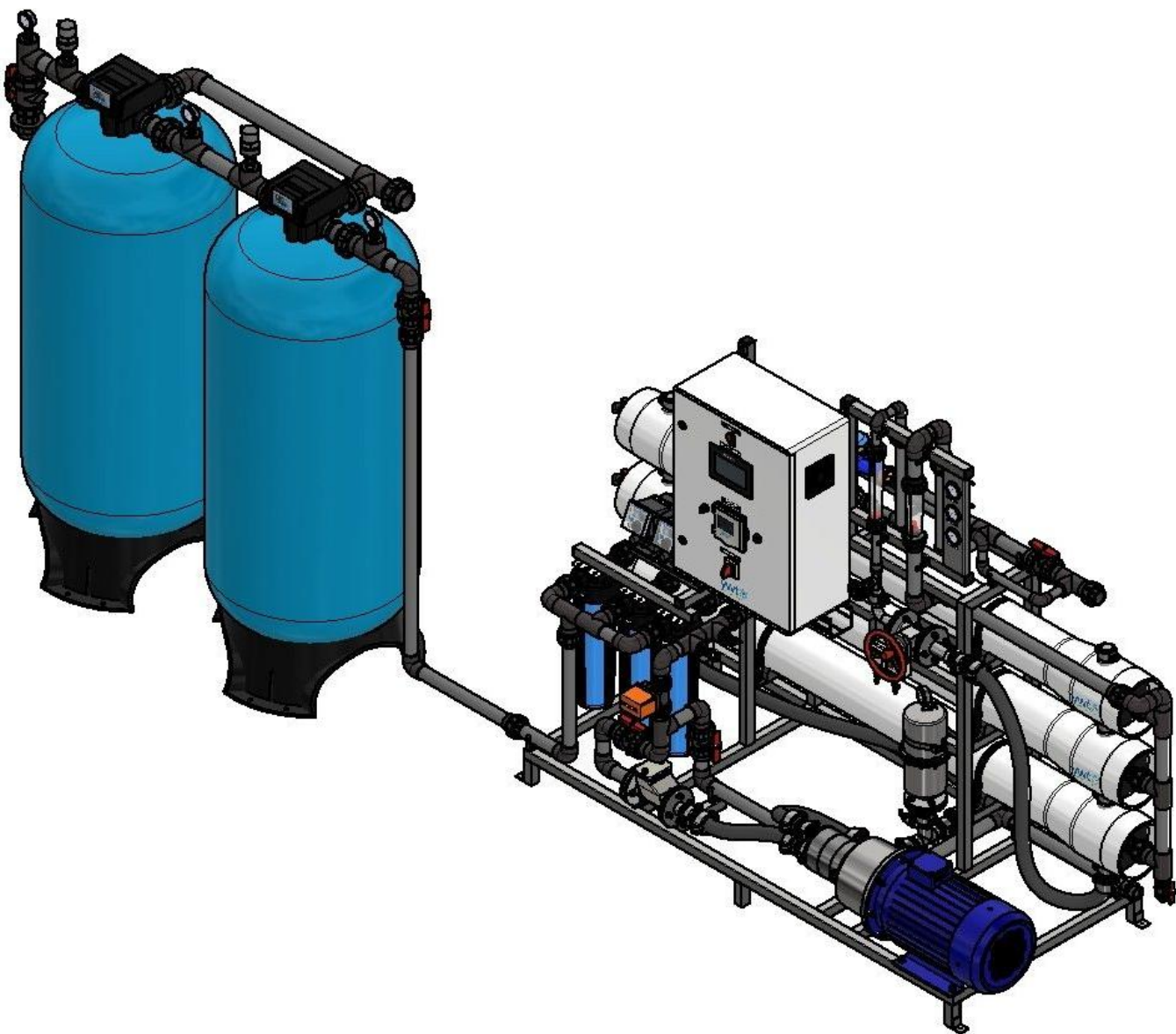
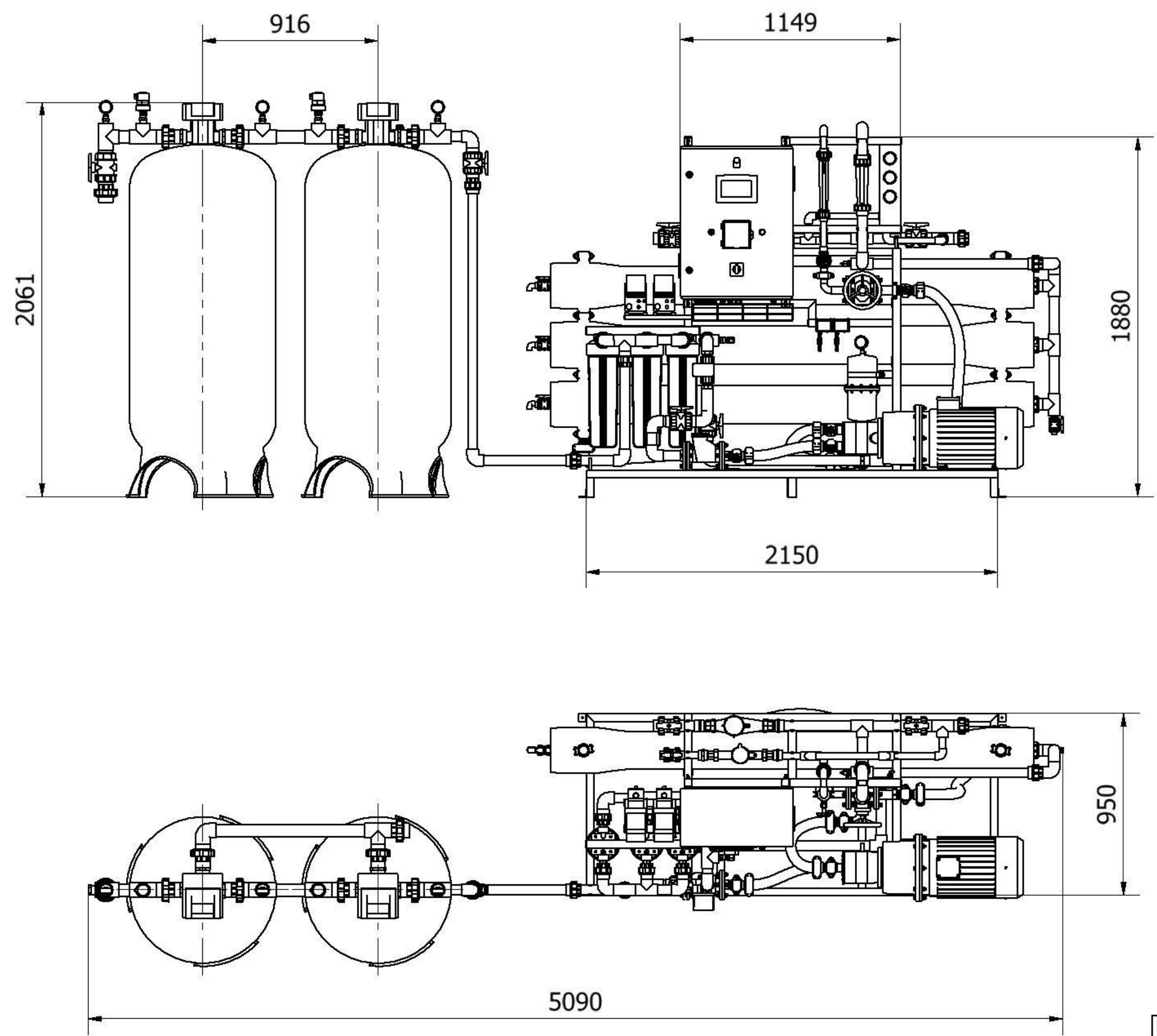
PHYSICAL PARAMETERS:

- Approximate dimensions (bare) 2.1 × 1.0 × 1.90 m
- Approximate dimensions (crated) 2.30 × 1.20 × 2.0 m
(Width × Depth × Height, ±5%)
- Approximate weight (bare) 370 kg
- Approximate weight (crated) 480 kg
- Maximum Power Consumption 15 650 W

8" INOX SEA WATER REVERSE OSMOSIS DESALINATION SYSTEM

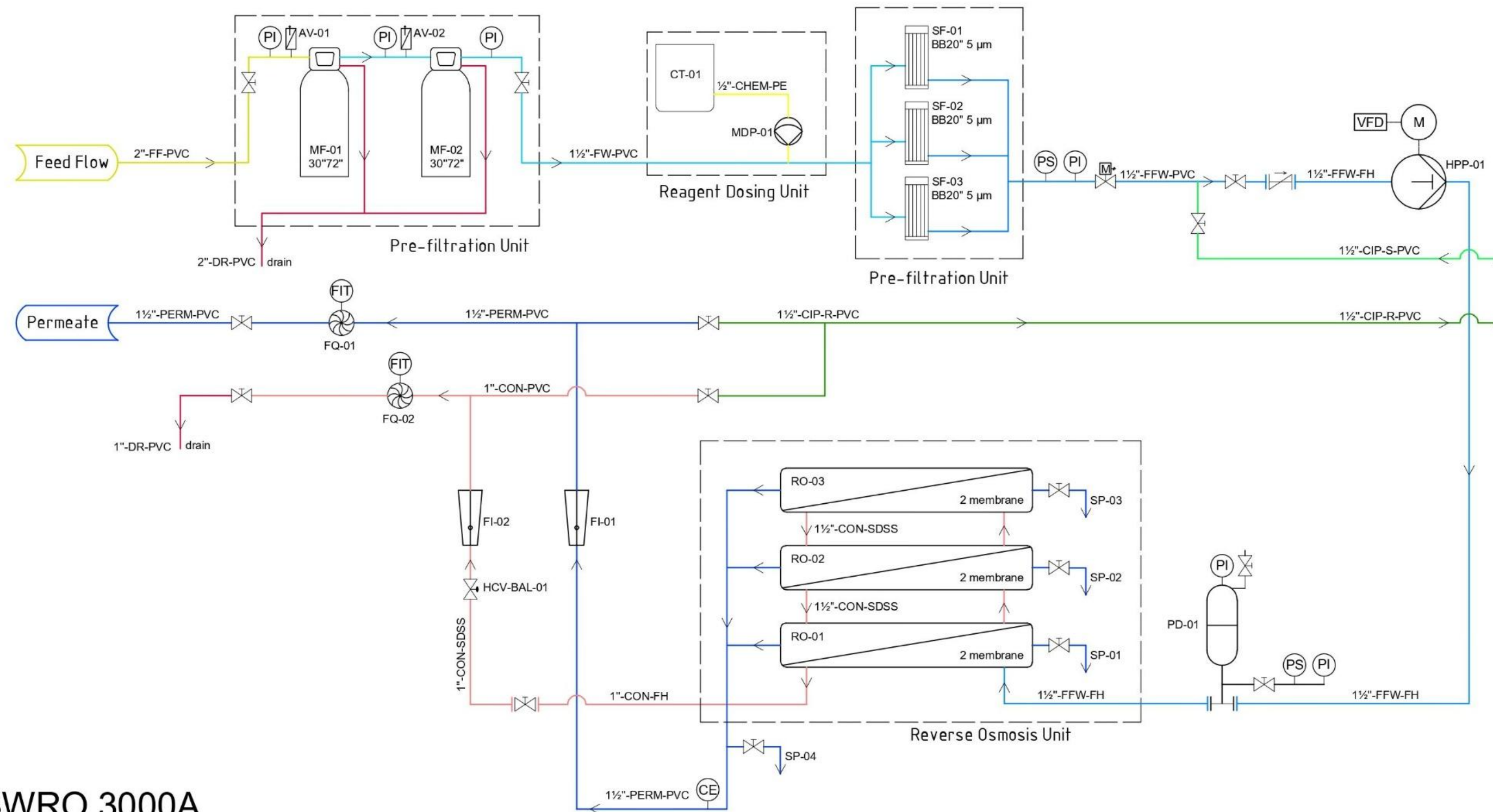
Code	Product	Flow capacity, m³/h (GPH)	Qty x Membrane Size
Galit SW3000A	SWRO Desalination System 3	3	6 x 8040

SWRO system 3 m³/h



Designed by Sander Sokolover	Checked by Oded Kamari	Approved by Eldar Agaev	Date 28/04/2026	
		Model - Shipur SW3000A		
		SWRO Desalination System 3 m ³ /h	Edition 1	Sheet 1

SWRO system 3 m³/h



P&ID SWRO 3000A

P&ID Legend	
RO Pressure Vessel	
Multi-Media Filter	
Metering Dosing Pump	
Sediment Filter	
Axial Piston High Pressure Pump	
Pulsation Dampener	

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)	