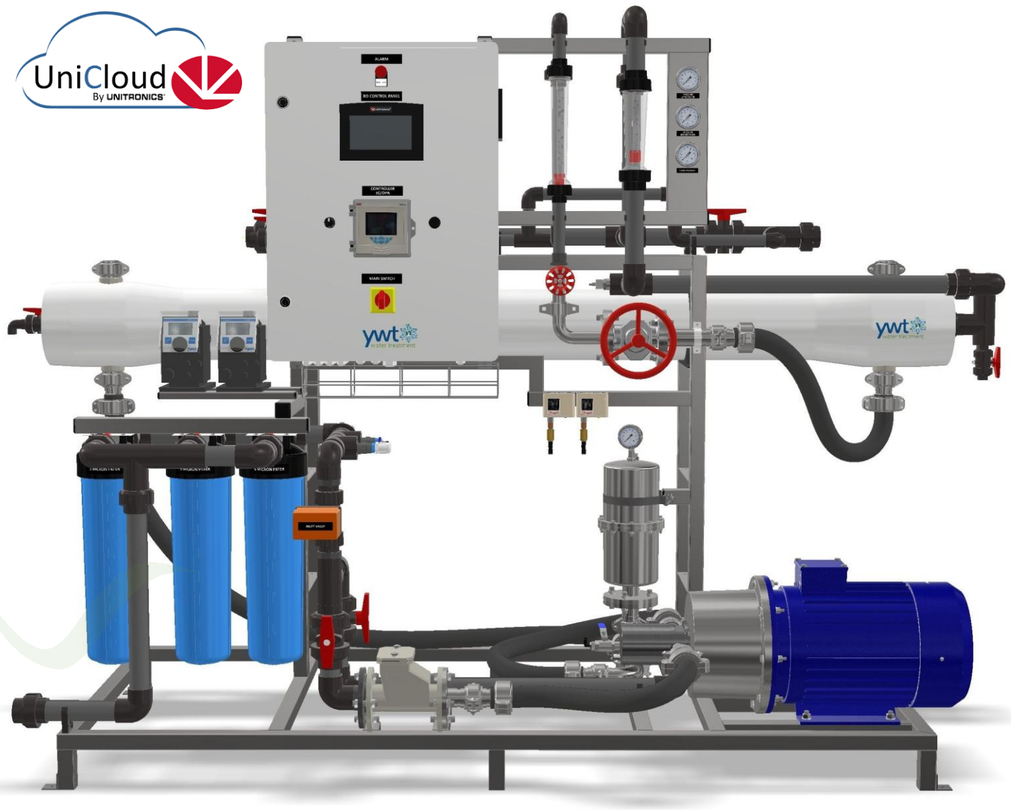
SWRO system 1 m³/h



EQUIPMENT

- Danfoss high pressure pump APP 3.5 1 pcs
- 8040-2 membrane housing 1 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%)

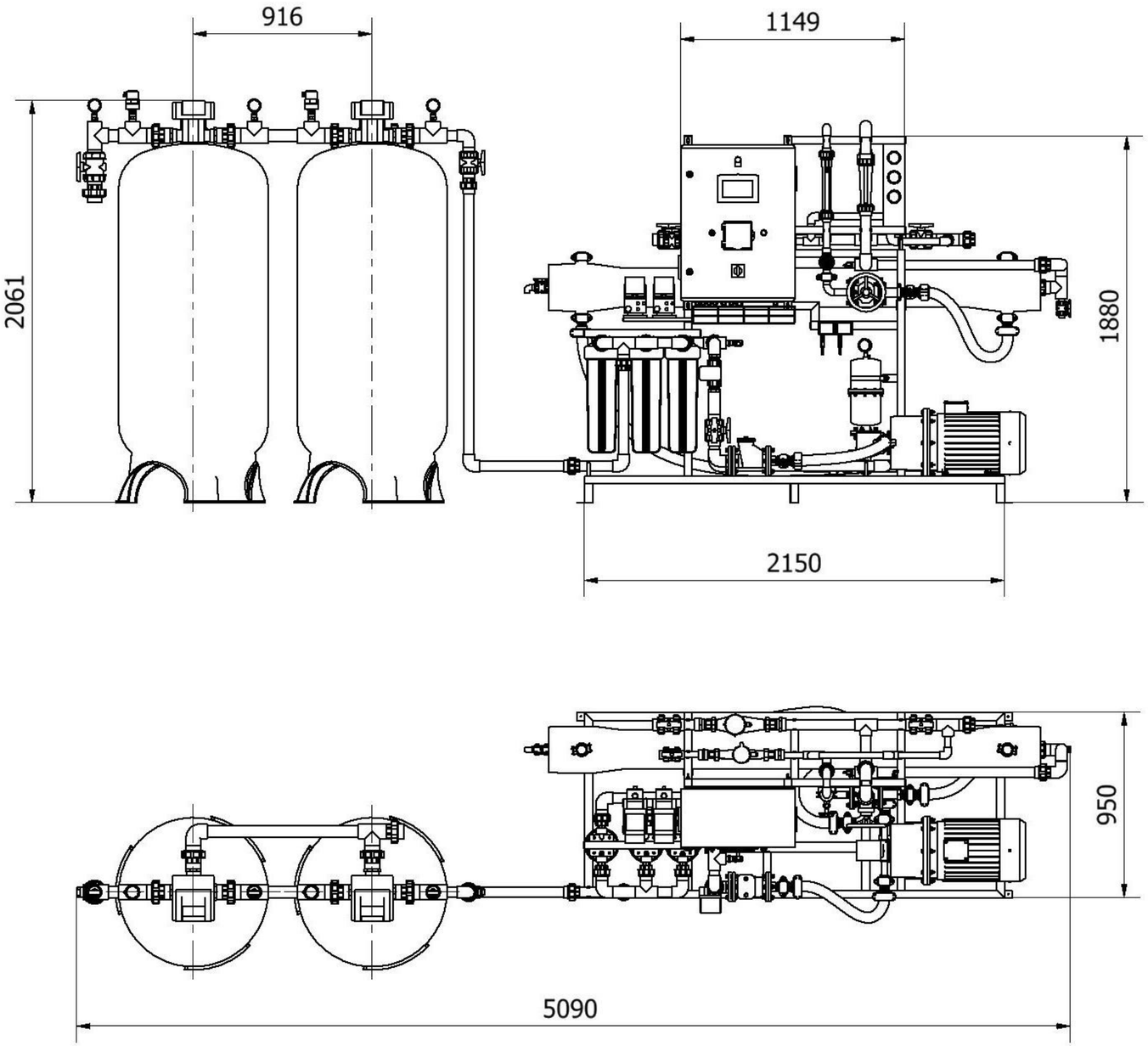
Approximate weight (bare) 320 kg

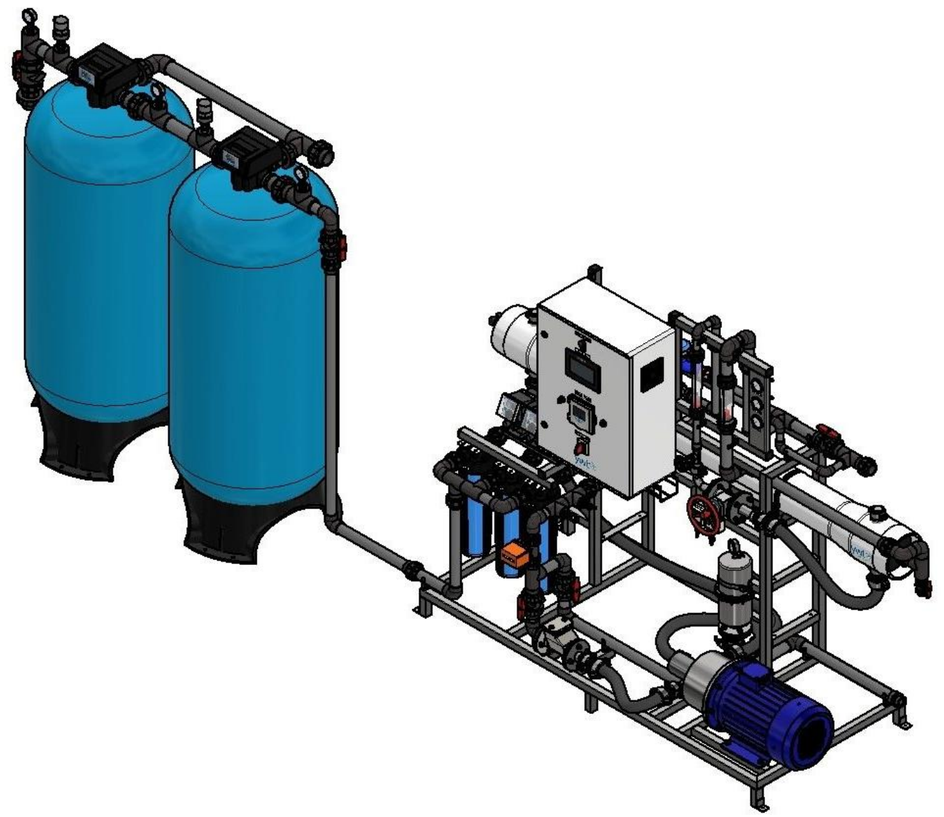
Approximate weight (crated) 410 kg

Maximum Power Consumption 11 530 W

8" INOX SEA WATER REVERSE OSMOSIS DESALINATION SYSTEM			
Code	**Product**	**Flow capacity, m³/h (GPH)**	**Qty x Membrane Size**
Galit SW1000A	SWRO Desalination System 1	1	2 x 8040

SWRO system 1 m^3/h





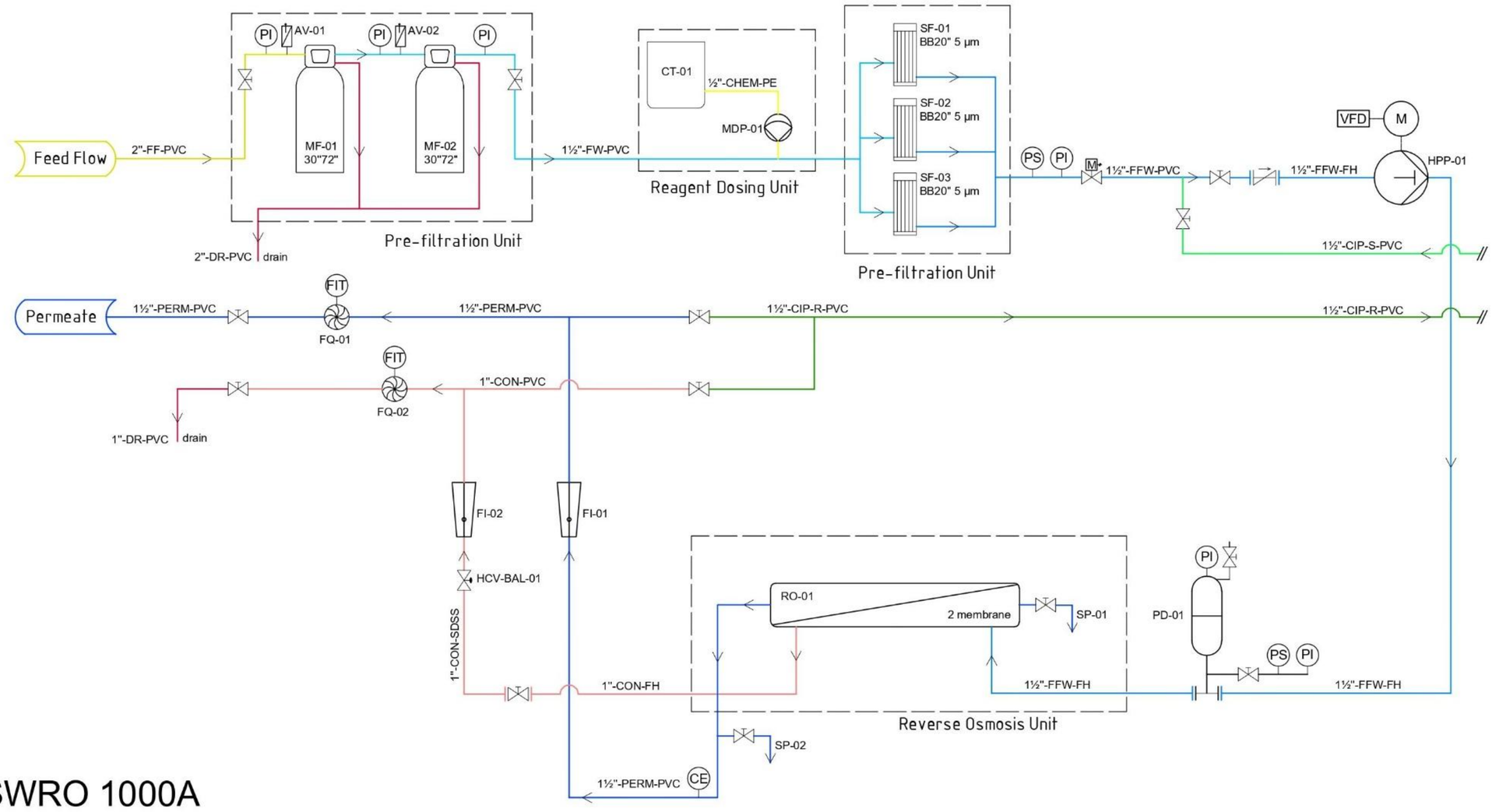
Designed by	Checked by	Approved by	Date		Date	
Sander Sokolover	Oded Kamari	Eldar Agaev			28/04/2026	

ywt water treatment

Model - Shipur SW1000A

SWRO Desalination System 1 m^3/h	Edition	Sheet
		1

SWRO system 1 m³/h



P&ID SWRO 1000A

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	PI
Pressure Switch	PS
Flow Indicator Transmitter	FIT

P&ID Legend	
Conductivity Element	CE
Hand Valve	
Motor-Operated Valve	M
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)	