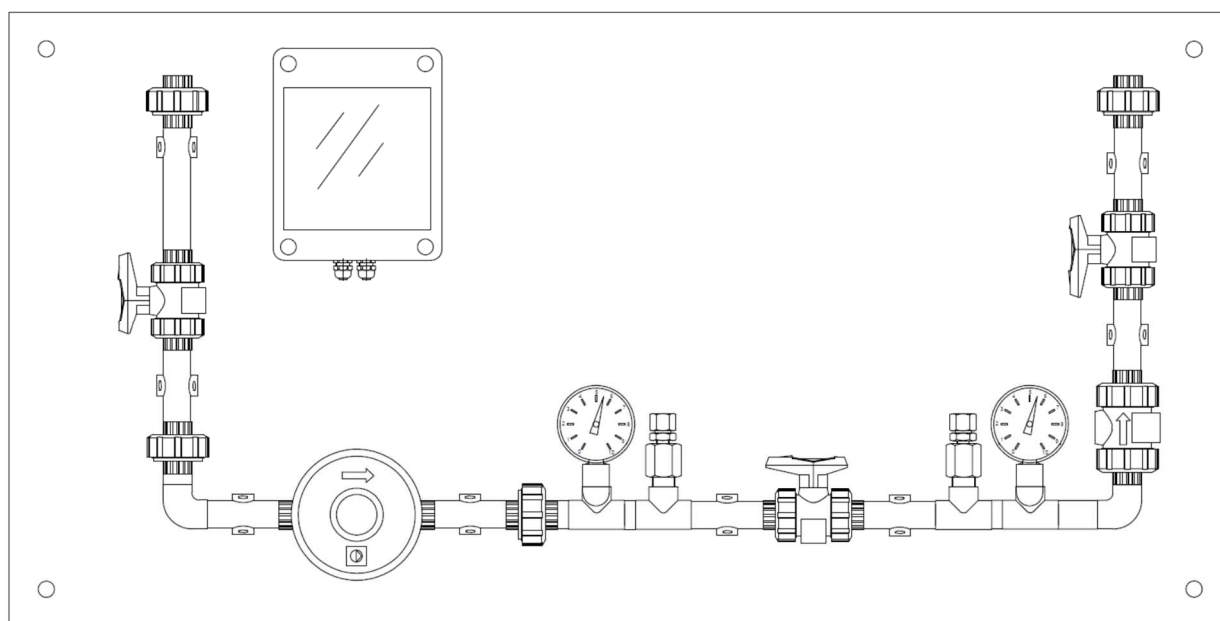


PNL-RAC

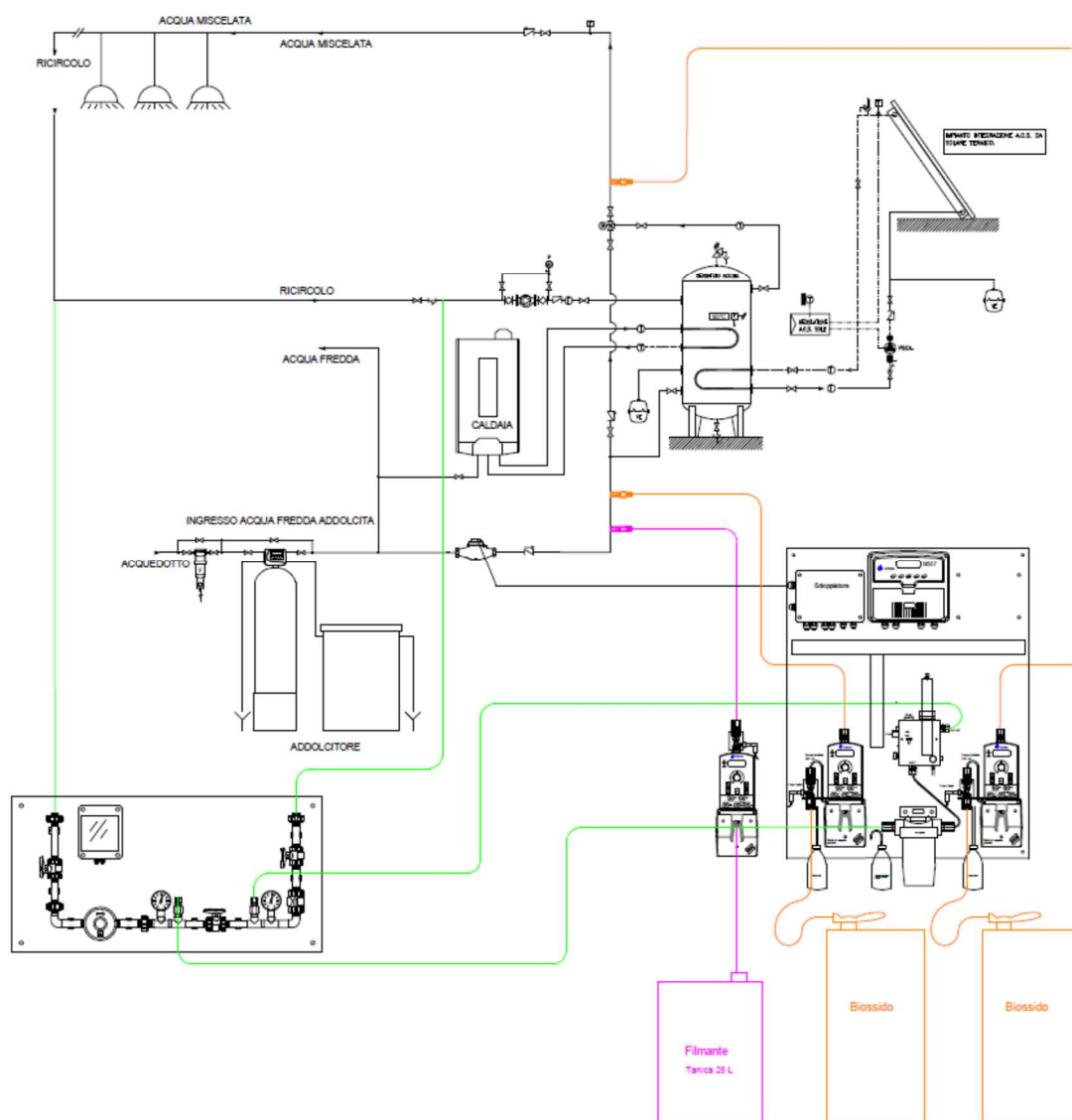
ASSEMBLED PANEL FOR RECOVERY OF SAMPLE WATER



PNL-RAC is a PP panel, which houses all the hydraulic components of the bypass line for the recovery of sample water in the analysis cells of disinfectant product, in legionella prevention treatment in DHW circuits or similar installations. Tubes and valves are PVC-C, resistant to high temperature (max 100°C) and pressure max 16 bar @ 35 °C. The system is guarantee to work with sanitary hot water (max 70 °C @ 3 bar or 55 °C @ 6 bar). The circulation pump features a variable speed, can be powered at 50/60Hz, is certified for DHW, and the power supply input is protected by a magneto-thermic circuit breaker.

- **Example of installation on DHW circuit with LEGION panel for chemicals dosing**

The standard configuration uses the PNL-RAC to generate a pressure increase, which circulate the sample water in the probe-holder of the analysis system.



TECHNICAL DATA

Power Supply	230 V~ ±10%	50/60 Hz
Protection	Magneto-thermic circuit breaker	
Working Conditions	Storage temperature	-20 ... +60 °C
	Ambient working temperature	2 ... +40 °C
	Temperature of the liquid	max 70°C
	RH max	90% no condensing

Sample water:

Temperature	+5 ...	50	60	70	°C
Pressure	6	6	5	3	bar

Pump Protection Rate	IP44
Suction Height	max 4 m @ 0.7 m ³ /h
Hydraulic Connections	½" GF, brass
Sample Water Connection	hose PE / PTFE 6x8 mm
Pressure Measurement	with IN-OUT manometers, 0-10 bar
Tubes and Valves	PVC-C, DN20