

The Pumping Stations and Accessories form part of the Aquagel plug and play, expandable solution from Frigel, which can be easily integrated into Ecodry any Heavygel central systems and are the ideal for the expansion of the process cooling system for your facility. The design, correct sizing and installation of pumping stations, storage tanks and filtration systems are essential for the proper functioning of any refrigeration system.

Pumping Stations

Modular pumping groups for the process/recirculation of up to 4 pumps.

Preassembled and factory tested groups, designed for flexibility and to modulate the flow of water/recirculated water destined for the process, both for refrigeration systems and for adiabatic cooling units.

They are digitally controlled by the remote controller (3PR) which always activates the pumping capacity required by process in order to maintain the pressure and flow conditions in line with the set values.

- Fully automatic operation
- Total modularity: mechanical, electrical, and hydraulic
- High energy efficiency with optional inverter
- Plug & play concept for easy installation



Filtration System

This filtering system has been designed to remove any impurities coming from utilities in general. Made with adequate capacity to filter the entire flow rate of the process plants connected to centralised refrigeration units and/or adiabatic cooling systems.

They are equipped with pressure sensors and are connected to the remote panel (3PR) for monitoring the pressure drop and the automatic maintenance warning.

- Reliable high efficiency filtration
- Maintain plant efficiency and reliability
- Stainless and easy to clean
- Automatic maintenance notice

3PR Control Panel

The 3PR 4.0 product platform is a dedicated Frigel solution that provides complete control of Frigel central cooling systems. 3PR 4.0 control meets the needs of processors to supervise and manage the whole cooling system from a single control point. All the connected central system components are controlled via a unique control panel that has been designed specifically for Frigel systems. 3PR 4.0 is available in two versions, Lite and Premium, depending on the size of the system and the equipment to control.

Full native connectivity to MiND™ and its new HMI (Human Machine Interface) offer a flawless user experience and compatibility with Industry 4.0 architectures, providing easy visualisation and process diagrams of the connected equipment, dashboards for main parameters, performance graphs and alarm management and history.

