

# PURESTREAM CHILLERS



BY FRIULAIR<sup>TM</sup>



*Certified To Canadian Standards  
Stock Available From Canada*

ULTIMATE  
ENERGY SAVING  
TECHNOLOGY



# PURESTREAM

## CHILLER SERIES

All Purestream chillers are factory tested in Europe and in Canada prior to shipping.



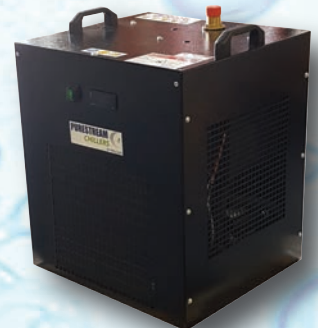
### CHILL-CUBE

The new chill-cube range of chillers are specifically designed to meet the stringent cooling requirements of today's advanced equipment and processes. The chill-cube provides precise control of chilled water while operating over long periods of time with varying loads in a variety of applications and industries. These chillers are fitted with a precision regulation system of outlet water temperature by utilizing a hot gas bypass valve, able to manage varying thermal loads, providing a constant temperature of chilled water. The range includes 11 models with cooling capacities ranging from .5 to 5.6 Ton. Chill-cube QBE models 003-007 have been designed to be installed indoors, while the chill-cube QBE 009-025 models have been designed to be installed in or outdoors. ( Chill-cube QBE 003-007 models can be installed outdoors as an option ).

### MINI-CUBE

The Mini-Cube QBS Air-cooled chiller is for smaller capacity applications designed to provide constant and precise chilled water to advanced equipment. These units are designed to be installed in-doors and are available in capacities ranging from .33 ton to .44 ton of cooling and are available in 115/1/60 voltage as standard.

The ACW Air-cooled fluid cooler is supplied without a refrigeration circuit which provides water temperature a few degrees above ambient conditions to cool industrial equipment which require less precision temperature control. These units are installed in-doors and are available in capacities ranging from .19 to .40 ton of cooling and are available in 115/1/60 voltage as standard.



### CWT

The CWT range provides precise control of chilled water temperature while operating over long periods of time with varying load demands for many applications and industries. The CWT range includes 14 models providing capacities ranging from 2.4 to 36.5 Ton. Each unit is supplied with a built-in pump and water tank as standard. The CWT range have been designed to be installed indoors or outdoors. The chiller cabinet is accessible on three sides allowing for easy maintenance and also designed with safety in mind for the operator. All frame and cabinetry material are made from galvanized steel and painted in a powder coat paint finish allowing for indoor and outdoor installation so as to withstand the harsh Canadian winter environment.





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### MWC Water Cooled Chiller

The MWC 10 ton chiller is designed to be installed in new applications or installed to provide supplemental cooling to an existing water cooled system. The MWC Multibank Chillers can also be installed in parallel, up to 5 units (50 tons) and controlled via a master controller. The MWC chillers can easily be installed in tight spaces and are designed to fit inside elevators. All frame and cabinet cover material is made of galvanized steel and painted in a powder coat paint finish and fastened together utilizing fasteners that are either stainless steel or electro-galvanized to withstand harsh environments. The MWC chiller has been designed so that all components including those requiring maintenance and cleaning are easy to access without interfering with chiller operation or creating a safety hazard for maintenance staff.



**NOTE: This product is also available in a remote Air-Cooled Condenser Split-System version upon request.**



### CWB

The CWB range consists of Air cooled water chillers with axial fans for outdoor installation. The CWB series comprises of 12 basic models with cooling capacities ranging from 140 to 570 kW. This allows flexibility of the unit selection, it's accessories and the final installation operating conditions. CWB units are particularly suitable for installations where continuous chilled water is required even for applications in low external ambient temperatures. The optional free-cooling feature is available for the 160-280 kW models.

### CWE

The CWE range is specifically designed to meet the application requirements of industry by offering efficient precise control of refrigerated water temperature. This chiller is designed to operate with variable load demand. The model range includes models from 4 tons to 40 tons. All frame and cabinet cover material is made from powder coated galvanized steel, making the CWE suited for outdoor installation and for protection in harsh environments. All fasteners are either stainless steel or electro galvanized. The CWE was designed so that all parts, particularly those requiring maintenance and cleaning, are easy to access without interfering with operations or creating a safety hazard for the operator. The compressor cabinet is accessible on three sides to make control and maintenance easy.





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### CWB FC

The PURESTREAM CWB FC chiller series are specifically designed for industrial processing and air conditioned plants which require cooling throughout the entire year. Energy savings and reducing of cooling costs are the key benefits of the PURESTREAM CWB FC ( FREE COOLING ) integrated chiller. Chiller and free cooling aeraulic sections are completely separated, this allows to maximize the regulation of the two working modes. The PURESTREAM CWB FC range of chillers are available in eight models with a cooling capacity from 22 Tons to 68 Tons ( 80 kW-240 kW ). All frame and cabinet cover material are made of powder coated galvanized steel, making the CWB FC range of chillers specifically suited for outdoor installation and protection against harsh environments.



### CFT

The CFT range of PURESTREAM process chillers are suited for indoor and outdoor installations, and are intended for comfort and process cooling applications. The series consists of eight basic models ranging from 27 to 84 Tons ( 100 to 300 kW ). All frame and cabinet cover material are made of powder coated galvanized steel making the CFT range of chillers suited for outdoor installation and for protection against harsh environments. The compressor cabinet is accessible on three sides to allow for easy access and maintenance. The hydraulic section is also easily accessible.



### CWV Screw Compressor Liquid Chillers

The new PURESTREAM CWV chiller series are suited for outdoor installations and are intended for comfort and process cooling applications. The series consists of 13 models ranging from 79 to 338 Tons ( 260 kW to 1150 kW ). The frame and cabinet cover material are made of powder coated galvanized steel making the CWV range of chillers suited for outdoor installation and for protection against harsh environments. The chiller's compressor is easily accessible and the CWV also allows for easy access for repair and maintenance ensuring safety for the operator. All CWV chillers have been tested at full load. Pressure and leak test of refrigerant circuit, as well as complete assembly and pressurization of the hydraulic circuit.



• **Spot Coolers also available from CAG Cooling Solutions**