

# Qualiterme

## PLATINUM LINE

CHILLER AND CHILLED WATER SYSTEM



CONSERVING ELECTRICITY



INVERTER VARIABLE TECHNOLOGY



STATE-OF-THE-ART TECHNOLOGY



STRUCTURAL INTEGRITY



AIR CONDENSATION

The equipment in this line boasts capacities ranging from 10,000 to 260,000 kcal/h and incorporates advanced inverter variable compressors. Their primary advantages include reduced energy consumption and optimized temperature control. Furthermore, they feature fan speed and pressure system regulation, allowing adaptation to varying conditions, such as the climatic differences across regions. The line also encompasses a frequency inverter, which automatically adjusts the compressors' speed, yielding energy savings of up to 40%.

### Control Chiller Application

With the Control Chiller app, it is possible to access essential information about the equipment and remotely control functions for production process management.



CONTROL  
CHILLER



DISCOVER MORE

### CUSTOMIZABLE ITEM

Customization for diverse applications, tailored to fulfill the requirements of any industry or critical environment.

## CERTAIN STANDARD COMPONENTS OF THIS EQUIPMENT

### FAN

Each fan is equipped with automatic regulation technology, utilizing a pressure transmitter connected to the motor inverter.

### CONDENSER

Finned microchannel featuring a high-performance louver fin.

### EVAPORATOR

System featuring a brazed stainless steel plate, ensuring efficient heat exchange. Contemporary, compact, and highly effective for liquid cooling.

### COMPRESSOR

Facilitates the automatic adjustment of thermal load speed in accordance with the process temperature.

### WATER PUMP

Water circulates throughout the system via the industrial process.

### CONTROLLER

The quantity of controllers may fluctuate based on the capacity and configuration of the equipment.

The controller (PLC) features both analog and digital inputs and outputs, complemented by an intuitive touch screen that facilitates the management of critical functions, including the compressor, pump, and fan. It also presents temperature readings, alarms, and an event identifier, while maintaining a record of activity history. Access to settings and data is secured by password protection, thereby safeguarding the security and integrity of the information.

## TECHNICAL SPECIFICATIONS

### PLATINUM LINE BASIC WITH 1 COMPRESSOR

PLATINUM LINE BASIC WITH 1 COMPRESSOR												
Air Condensation		Calculations conducted at a working temperature of 10°.									Connections	
Model	Capacity	Three-phase			Single-phase	Scroll Inverter Compressor	Water pump	Dimensions			Chilled Water Inlet/Outlet	Abastec.
		220V	380V	440V	220V			Width	Length	Height		
E010	10000	✓	✓			1X3TR	2CV	550	1000	1250	1"	½ "
E016	16000	✓	✓			1X5TR	3CV	850	1400	1550	1,½ "	½ "
E024	24000	✓	✓			1X7,5TR	5 HP	850	1400	1550	1,½ "	½ "
E040	40000	✓	✓			1X10TR	5 HP	950	1400	2050	1,½ "	½ "
E070	70000	✓	✓			1X15TR	7.5 HP	950	1900	2050	2"	½ "

### PLATINUM LINE DOUBLE WITH 2 COMPRESSORS

Air Condensation      Calculations conducted at a working temperature of 10°.      Connections												
Model	Capacity	Three-phase			Single-phase	Scroll Inverter Compressor	Water pump	Dimensions			Chilled Water Inlet/Outlet	Abastec.
		220V	380V	440V	220V			Width	Length	Height		
E070	70000	✓	✓	✓		2X10TR	7.5 HP	950	1800	2050	2"	½ "
E110	110000	✓	✓	✓		2X15TR	10CV	1300	2400	2300	2,½ "	½ "
E160	160000	✓	✓	✓		2X20TR	10CV	1500	2500	2400	2,½ "	½ "

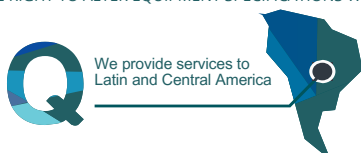
### PLATINUM LINE TRIPLE WITH 3 COMPRESSORS

Air Condensation      Calculations conducted at a working temperature of 10°.      Connections												
Model	Capacity	Three-phase			Single-phase	Scroll Inverter Compressor	Water pump	Dimensions			Chilled Water Inlet/Outlet	Abastec.
		220V	380V	440V	220V			Width	Length	Height		
E200	200000	✓	✓	✓		3X20TR	15 CV	2000	3200	2650	2.½ "	½ "

### PLATINUM LINE QUADRUPLE WITH 4 COMPRESSORS

Air Condensation      Calculations conducted at a working temperature of 10°.      Connections												
Model	Capacity	Three-phase			Single-phase	Scroll Inverter Compressor	Water pump	Dimensions			Chilled Water Inlet/Outlet	Abastec.
		220V	380V	440V	220V			Width	Length	Height		
E260	260000	✓	✓	✓		4X20TR	20CV	2000	3900	2650	3"	1/2 "

NOTE: FOR EQUIPMENT EXCEEDING THESE CAPACITIES, PLEASE CONSULT THE ENGINEERING DEPARTMENT. QUALITERME RESERVES THE RIGHT TO ALTER EQUIPMENT SPECIFICATIONS WITHOUT PRIOR NOTICE.



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