

**PYXIS CLA:** Packaged air cooled liquid chillers in A class energy efficiency for outdoor installation, equipped with scroll compressor and microchannel condensing coils  
Cooling Capacity: 108 ÷ 876 kW



#### MAIN FEATURES

- Air cooled liquid chiller in A class energy efficiency.
- 31 models available, for a wide selection opportunity.
- Average step of 25kW.
- EER up to 3,21.
- ESEER up to 4,69.
- Latest generation scroll compressors.
- R410A Refrigerant charge.
- Units with one, two, three or four refrigerant circuits.
- Plate type or shell and tube heat exchangers.
- AC Axial fans.
- Electronic expansion valve.
- Units with one, two, three or four air circuits.
- Modular construction
- Suitable for outdoor installation.

#### MAIN BENEFITS

- Two compressors for each refrigerant circuit to reach high efficiency.
- Units with one, two, three or four refrigerant circuits.
- Microchannel condensing coils in aluminium.
- Low refrigerant charge.
- High EER and ESEER. A Class energy efficiency.
- Availability of kit for the reduction and the extreme reduction of the noise.
- Availability of pumping groups with low, medium, high discharge head.
- Availability of total or partial heat recovery system.
- Availability of EC fans with available external static pressure.
- Extremely easily of maintenance.
- Complete set of components dedicated to the safety of the unity.
- Eurovent Certification.

#### MICROCHANNEL CONDENSING COILS

The coil weight is only 50% compared to traditional copper pipes and aluminium fins of the same capacity. The reduced air resistance of the micro-channel coils allows to drastically reduce the fans motors electric energy consumption. At the same performances conditions, the micro-channels condensers require up-to less than 75% refrigerant when compared to the traditional heat exchangers.

#### ELECTRONIC EXPANSION VALVE

The electronic expansion valves are synonymous of an higher energy efficiency and stability of the system.

#### A CLASS ENERGY EFFICIENCY

The best and most accurate components applied to the chillers.

#### WORKING LIMITS IN COOLING MODE

Chilled water outlet temperature: -12÷20°C

Ambient temperature: -10÷45°C



## MAIN COMPONENTS

### FRAMEWORK

- Base, self supporting frame and panelling in steel plate with protective surfaces treatment in compliance with UNI ISO 9227/ASTMB117 and ISO 7253, and painted with epoxy powders.
- Colour: RAL 9002.

### COMPRESSORS

- Orbiting spiral (SCROLL) hermetic compressors with spiral profile optimized for R410A refrigerant.
- ON / OFF capacity control (0 / 100% each compressor).
- 2-pole 3-phase electric motor with direct on line starting.
- Phase sequence electronic relay.
- Crankcase heater.
- Electric motor thermal protection via internal winding temperature sensors.
- Rubber supports.

### EVAPORATOR

Up to model 430 P4 D VT4 included:

- Copper brazed plate type with cover plates, plates and connections in AISI 316 stainless steel:
  - With single refrigerant circuit for S version machines.
  - With double refrigerant circuit for D version machines.
- Anticondensate insulation made of polyurethane.
- Temperature sensors on water inlet and outlet.
- Differential water pressure switch for water flow control, factory assembled, for machines size "W".
- Water flow switch for water flow control, not installed but supplied in kit, for machine size "VT".
- Hydraulic connections with grooved end. Flexible joint not supplied (optional accessory).
- Antifreeze heater for machine size.

From model 455 P6 T VT5 included:

- Shell and tube evaporator optimized for R410A refrigerant.
- Tubes with a helical rifled internal surface.
- Intermediate baffles positioned to ensure optimum speed of the fluid and low pressure drops.
- Refrigerant/Hydraulic circuit:
  - Water side:
    - Single circuit
  - Refrigerant side
    - Three circuits from 455 P6 T VT5 model to 646 P6 T VT6 model, both included (T version)
    - Four circuits for the remaining models (Q version)
- Shell, header, tube sheets, made of carbon steel, tubes in Cu.
- Anticondensate insulation made of polyurethane.
- Temperature sensors on water inlet and outlet.
- Water flow switch for water flow control, not installed but supplied in kit.
- Hydraulic connections with grooved end. Flexible joint not supplied (optional accessory).
- Antifreeze heater.

### CONDENSING COIL

- Microchannel condensing coil in aluminium and they are perfectly suitable for the civil and industrial applications cooling, while the protection function of the oxide layer allows an optimum resistance to corrosion also in case of aggressive ambient conditions.
- Extremely light construction. The coil weight is only 50% compared to traditional copper pipes and aluminium fins of the same capacity.
- Low air side pressure drop and consequently drastic reduction of the fans motors electric energy consumption.
- High heat exchange efficiency.
- Reduced internal volume capable of reducing the total refrigerant charge. At the same performances conditions, the micro-channels condensers require up-to less than 75% refrigerant when compared to the traditional heat exchangers.
- Frame in painted galvanized steel.

### FANS SECTION

- Axial fans with sickle-shaped blades, fan guard and optimized for low noise levels.
- External rotor AC type electric motor with stepless variable speed for condensing pressure control.
- IP54 enclosure class.

### REFRIGERANT CIRCUIT

Components for each refrigerant circuit:

- Electronic expansion valve. The valve allows high performance and system efficiency thanks to a timely and accurate response to changes in temperature and pressure.
- Sight glass.
- Filter dryer on liquid line.
- Service valves on liquid line and gas discharge.
- Safety valve on high and low pressure side.
- Pressure transducers with indication, control and protection functions, on low and high refrigerant pressure.
- High pressure safety switch with manual reset.
- Refrigerant circuit with copper tubing with anticondensate insulation of the suction line.
- Plastic capillary hoses for pressure sensors connection.
- R410A refrigerant charge

### ELECTRICAL PANEL

In accordance with EN60204-1 norms, suitable for outdoor installation, complete with:

- Main switch with door lock safety.
- Fuses for compressors.
- Magnetothermic switch for each fan and water pump (if scheduled).
- Contactors for each load.
- Transformer for auxiliary circuit and microprocessor supply.
- Panel with machine controls.
- Power supply:
  - 400/3/50+N for machine size "WL e WH";
  - 400/3/50 for machine size "VT".

### CONTROL SYSTEM

- MP.COM microprocessor system with graphic symbol for control and monitor of operating and alarms status. The system includes:
  - Voltage free contact for remote general alarm.
  - Main components hour-meter.
  - Nonvolatile "Flash" memory for data storage.
  - Menu with protection password.
  - LAN connection.

### HYDRAULIC CONNECTIONS OF HEAT EXCHANGERS

- The heat exchangers' threaded hydraulic connections are available up to a diameter of 3 " included, and correspond to ISO 228/1 – G M.
- The pipes' threaded hydraulic connections are available up to a diameter of 3 " included, and correspond to ISO 7/1 – R.
- The hydraulic connections with flange (FL) are not supplied with counter flange.
- The hydraulic connections with grooved end are not supplied with flexible joint (optional accessory).

**OPTIONAL ACCESSORIES**

PYXIS CLA	106 P2 S WL	128 P4 D WL	132 P2 S WL	140 P4 D WL	153 P4 D WH	164 P4 D WH	168 P2 S WH	168 P2 D WH	184 P4 D WH	190 P4 D VT2	214 P4 D VT2
<b>SIZE</b>											
722 - Low discharge head single pump	●	●	●	●	●	●	●	●	●	●	●
723 - Low discharge head twin pump	●	●	●	●	●	●	●	●	●	●	●
720 - Medium discharge head single pump	●	●	●	●	●	●	●	●	●	●	●
721 - Medium discharge head twin pump	●	●	●	●	●	●	●	●	●	●	●
719 - Pumping group, 1 pump high pressure	●	●	●	●	●	●	●	●	●	●	●
724 - Pumping group, 2 pumps high pressure	●	●	●	●	●	●	●	●	●	●	●
727 - Water tank+ 1 pump with low discharge head	●	●	●	●	●	●	●	●	●	●	●
728 - Water tank+2 pumps with low discharge head	●	●	●	●	●	●	●	●	●	●	●
725 - Water tank+1 pump with medium discharge head	●	●	●	●	●	●	●	●	●	●	●
726 - Water tank+2 pumps with medium discharge head	●	●	●	●	●	●	●	●	●	●	●
729 - Water tank+1 pump with high discharge head	●	●	●	●	●	●	●	●	●	●	●
730 - Water tank+2 pumps with medium discharge head	●	●	●	●	●	●	●	●	●	●	●
1004 - Antifreezing heater for pumping group	●	●	●	●	●	●	●	●	●	●	●
150 - LNO kit (noise reduction)	●	●	●	●	●	●	●	●	●	●	●
151 - ELN kit (extremely noise reduction)	●	●	●	●	●	●	●	●	●	●	●
170 - Spring antivibration holders (kit)	●	●	●	●	●	●	●	●	●	●	●
171 - Rubber antivibration holders (kit)	●	●	●	●	●	●	●	●	●	●	●
118 - Kit brine A	●	●	●	●	●	●	●	●	●	●	●
119 - Kit brine B	●	●	●	●	●	●	●	●	●	●	●
79 - Electrical panel heating system	●	●	●	●	●	●	●	●	●	●	●
101 - EC fan	●	●	●	●	●	●	●	●	●	●	●
Evaporator flexible joint with adapter pipe (solder type)	●	●	●	●	●	●	●	●	●	●	●
Evaporator flexible joint with adapter for flange connection	●	●	●	●	●	●	●	●	●	●	●
450 - Desuperheater	●	●	●	●	●	●	●	●	●	●	●
449 - Voltage free contact for partial heat recovery water pump activation	●	●	●	●	●	●	●	●	●	●	●
451 - 100% heat recovery	●	●	●	●	●	●	●	●	●	●	●
454 - Voltage free contact for total heat recovery water pump activation	●	●	●	●	●	●	●	●	●	●	●
Selection switch for operation mode for total heat recovery	●	●	●	●	●	●	●	●	●	●	●
Total heat recovery flexible joint with adapter pipe (solder type)	●	●	●	●	●	●	●	●	●	●	●
Total heat recovery flexible joint with adapter for flange connection	●	●	●	●	●	●	●	●	●	●	●
459 - Shell and tube evaporator	-	-	-	-	-	-	-	-	-	●	●
460 - Shell and tube evaporator for low temperature	-	-	-	-	-	-	-	-	-	●	●
1003 - Analogic flowmeter	●	●	●	●	●	●	●	●	●	●	●
350 - Kit TK PRO corrosion resistant painting treatment	●	●	●	●	●	●	●	●	●	●	●
252 - Metal protection grill	-	-	-	-	-	-	-	-	-	●	●
605 - Compr. power factor capacitor - 0,9	●	●	●	●	●	●	●	●	●	●	●
1002 - Soft Starter	●	●	●	●	●	●	●	●	●	●	●
Supply network control relay	●	●	●	●	●	●	●	●	●	●	●
83 - Compressor operation indicator	●	●	●	●	●	●	●	●	●	●	●
610 - Noise deadening cup on compressor	●	●	●	●	●	●	●	●	●	●	●
Magnetothermic switch for each compressor	●	●	●	●	●	●	●	●	●	●	●
Service valve on compressor group suction	●	●	●	●	●	●	●	●	●	●	●
Service valve on compressor group discharge	●	●	●	●	●	●	●	●	●	●	●
85 - Demand limit	●	●	●	●	●	●	●	●	●	●	●
88 - Analog set point compensation	●	●	●	●	●	●	●	●	●	●	●
1005 - Power supply analyzer	●	●	●	●	●	●	●	●	●	●	●
217 - Double safety valve	-	-	-	-	-	-	-	-	-	●	●
Pressure gauge on high and low pressure	●	●	●	●	●	●	●	●	●	●	●
Expansion valve energy reserve module	●	●	●	●	●	●	●	●	●	●	●
84 - Additional external alarm	●	●	●	●	●	●	●	●	●	●	●
Ambient temperature sensor	●	●	●	●	●	●	●	●	●	●	●
919 - Clock card	●	●	●	●	●	●	●	●	●	●	●
923 - RC-Com MBUS/JBUS Serial board	●	●	●	●	●	●	●	●	●	●	●
926 - LON Serial board	●	●	●	●	●	●	●	●	●	●	●
931 - BACnet Ethernet - SNMP - TCP/IP Serial board	●	●	●	●	●	●	●	●	●	●	●
943 - Data Logger	●	●	●	●	●	●	●	●	●	●	●
934 - MP.COM expansion card	●	●	●	●	●	●	●	●	●	●	●
889 - Master plant SEQUENCER	●	●	●	●	●	●	●	●	●	●	●
962 - Kit modem GSM	●	●	●	●	●	●	●	●	●	●	●
957 - Plantwatch without modem	●	●	●	●	●	●	●	●	●	●	●
930 - Remote graphic terminal kit	●	●	●	●	●	●	●	●	●	●	●

● available accessory; - not available accessory

## OPTIONAL ACCESSORIES

PYXIS CLA	236 P4 D VT2	270 P4 D VT3	304 P4 D VT3	340 P4 D VT3	374 P4 D VT4	390 P4 D VT4	410 P4 D VT4	430 P4 D VT4	455 P6 T VT5	504 P6 D VT5	530 P6 T VT5
SIZE											
722 - Low discharge head single pump	●	●	●	●	●	●	●	●	●	●	●
723 - Low discharge head twin pump	●	●	●	●	●	●	●	●	●	●	●
720 - Medium discharge head single pump	●	●	●	●	●	●	●	●	●	●	●
721 - Medium discharge head twin pump	●	●	●	●	●	●	●	●	●	●	●
719 - Pumping group, 1 pump high pressure	●	●	●	●	●	●	●	●	●	●	●
724 - Pumping group, 2 pumps high pressure	●	●	●	●	●	●	●	●	●	●	●
727 - Water tank+ 1 pump with low discharge head	●	●	●	●	●	●	●	●	-	-	-
728 - Water tank+2 pumps with low discharge head	●	●	●	●	●	●	●	●	-	-	-
725 - Water tank+1 pump with medium discharge head	●	●	●	●	●	●	●	●	-	-	-
726 - Water tank+2 pumps with medium discharge head	●	●	●	●	●	●	●	●	-	-	-
729 - Water tank+1 pump with high discharge head	●	●	●	●	●	●	●	●	-	-	-
730 - Water tank+2 pumps with medium discharge head	●	●	●	●	●	●	●	●	-	-	-
1004 - Antifreezing heater for pumping group	●	●	●	●	●	●	●	●	●	●	●
150 - LNO kit (noise reduction)	●	●	●	●	●	●	●	●	●	●	●
151 - ELN kit (extremely noise reduction)	●	●	●	●	●	●	●	●	●	●	●
170 - Spring antivibration holders (kit)	●	●	●	●	●	●	●	●	●	●	●
171 - Rubber antivibration holders (kit)	●	●	●	●	●	●	●	●	●	●	●
118 - Kit brine A	●	●	●	●	●	●	●	●	●	●	●
119 - Kit brine B	●	●	●	●	●	●	●	●	●	●	●
79 - Electrical panel heating system	●	●	●	●	●	●	●	●	●	●	●
101 - EC fan	●	●	●	●	●	●	●	●	●	●	●
Evaporator flexible joint with adapter pipe (solder type)	●	●	●	●	●	●	●	●	●	●	●
Evaporator flexible joint with adapter for flange connection	●	●	●	●	●	●	●	●	●	●	●
450 - Desuperheater	●	●	●	●	●	●	●	●	●	●	●
449 - Voltage free contact for partial heat recovery water pump activation	●	●	●	●	●	●	●	●	●	●	●
451 - 100% heat recovery	●	●	●	●	●	●	●	●	-	-	-
454 - Voltage free contact for total heat recovery water pump activation	●	●	●	●	●	●	●	●	-	-	-
Selection switch for operation mode for total heat recovery	●	●	●	●	●	●	●	●	-	-	-
Total heat recovery flexible joint with adapter pipe (solder type)	●	●	●	●	●	●	●	●	-	-	-
Total heat recovery flexible joint with adapter for flange connection	●	●	●	●	●	●	●	●	-	-	-
459 - Shell and tube evaporator	●	●	●	●	●	●	●	●	-	-	-
460 - Shell and tube evaporator for low temperature	●	●	●	●	●	●	●	●	●	●	●
1003 - Analogic flowmeter	●	●	●	●	●	●	●	●	●	●	●
350 -Kit TK PRO corrosion resistant painting treatment	●	●	●	●	●	●	●	●	●	●	●
252 - Metal protection grill	●	●	●	●	●	●	●	●	●	●	●
605 - Compr. power factor capacitor - 0,9	●	●	●	●	●	●	●	●	●	●	●
1002 - Soft Starter	●	●	●	●	●	●	●	●	-	-	-
Supply network control relay	●	●	●	●	●	●	●	●	●	●	●
83 - Compressor operation indicator	●	●	●	●	●	●	●	●	●	●	●
610 - Noise deadening cup on compressor	●	●	●	●	●	●	●	●	●	●	●
Magnethermic switch for each compressor	●	●	●	●	●	●	●	●	●	●	●
Service valve on compressor group suction	●	●	●	●	●	●	●	●	●	●	●
Service valve on compressor group discharge	●	●	●	●	●	●	●	●	●	●	●
85 - Demand limit	●	●	●	●	●	●	●	●	●	●	●
88 - Analog set point compensation	●	●	●	●	●	●	●	●	●	●	●
1005 - Power supply analyzer	●	●	●	●	●	●	●	●	●	●	●
217 - Double safety valve	●	●	●	●	●	●	●	●	●	●	●
Pressure gauge on high and low pressure	●	●	●	●	●	●	●	●	●	●	●
Expansion valve energy reserve module	●	●	●	●	●	●	●	●	●	●	●
84 - Additional external alarm	●	●	●	●	●	●	●	●	●	●	●
Ambient temperature sensor	●	●	●	●	●	●	●	●	●	●	●
919 - Clock card	●	●	●	●	●	●	●	●	●	●	●
923 - RC-Com MBUS/JBUS Serial board	●	●	●	●	●	●	●	●	●	●	●
926 - LON Serial board	●	●	●	●	●	●	●	●	●	●	●
931 - BACnet Ethernet - SNMP - TCP/IP Serial board	●	●	●	●	●	●	●	●	●	●	●
943 - Data Logger	●	●	●	●	●	●	●	●	●	●	●
934 - MP.COM expansion card	●	●	●	●	●	●	●	●	●	●	●
889 - Master plant SEQUENCER	●	●	●	●	●	●	●	●	●	●	●
962 - Kit modem GSM	●	●	●	●	●	●	●	●	●	●	●
957 - Plantwatch without modem	●	●	●	●	●	●	●	●	●	●	●
930 - Remote graphic terminal kit	●	●	●	●	●	●	●	●	●	●	●

● available accessory; - not available accessory

**OPTIONAL ACCESSORIES**

PYXIS CLA	550 P6 T VT5	584 P6 T VT6	604 P6 T VT6	646 P6 T VT6	670 P8 Q VT6	726 P8 Q VT7	780 P8 Q VT7	820 P8 Q VT8	860 P8 Q VT8
<b>SIZE</b>									
722 - Low discharge head single pump	●	●	●	●	●	●	●	●	●
723 - Low discharge head twin pump	●	●	●	●	●	●	●	●	●
720 - Medium discharge head single pump	●	●	●	●	●	●	●	●	●
721 - Medium discharge head twin pump	●	●	●	●	●	●	●	●	●
719 - Pumping group, 1 pump high pressure	●	●	●	●	●	●	●	●	●
724 - Pumping group, 2 pumps high pressure	●	●	●	●	●	●	●	●	●
727 - Water tank+ 1 pump with low discharge head	-	-	-	-	-	-	-	-	-
728 - Water tank+2 pumps with low discharge head	-	-	-	-	-	-	-	-	-
725 - Water tank+1 pump with medium discharge head	-	-	-	-	-	-	-	-	-
726 - Water tank+2 pumps with medium discharge head	-	-	-	-	-	-	-	-	-
729 - Water tank+1 pump with high discharge head	-	-	-	-	-	-	-	-	-
730 - Water tank+2 pumps with medium discharge head	-	-	-	-	-	-	-	-	-
1004 - Antifreezing heater for pumping group	●	●	●	●	●	●	●	●	●
150 - LNO kit (noise reduction)	●	●	●	●	●	●	●	●	●
151 - ELN kit (extremely noise reduction)	●	●	●	●	●	●	●	●	●
170 - Spring antivibration holders (kit)	●	●	●	●	●	●	●	●	●
171 - Rubber antivibration holders (kit)	●	●	●	●	●	●	●	●	●
118 - Kit brine A	●	●	●	●	●	●	●	●	●
119 - Kit brine B	●	●	●	●	●	●	●	●	●
79 - Electrical panel heating system	●	●	●	●	●	●	●	●	●
101 - EC fan	●	●	●	●	●	●	●	●	●
Evaporator flexible joint with adapter pipe (solder type)	●	●	●	●	●	●	●	●	●
Evaporator flexible joint with adapter for flange connection	●	●	●	●	●	●	●	●	●
450 - Desuperheater	●	●	●	●	●	●	●	●	●
449 - Voltage free contact for partial heat recovery water pump activation	●	●	●	●	●	●	●	●	●
451 - 100% heat recovery	-	-	-	-	-	-	-	-	-
454 - Voltage free contact for total heat recovery water pump activation	-	-	-	-	-	-	-	-	-
Selection switch for operation mode for total heat recovery	-	-	-	-	-	-	-	-	-
Total heat recovery flexible joint with adapter pipe (solder type)	-	-	-	-	-	-	-	-	-
Total heat recovery flexible joint with adapter for flange connection	-	-	-	-	-	-	-	-	-
459 - Shell and tube evaporator	-	-	-	-	-	-	-	-	-
460 - Shell and tube evaporator for low temperature	●	●	●	●	●	●	●	●	●
1003 - Analogic flowmeter	●	●	●	●	●	●	●	●	●
350 - Kit TK PRO corrosion resistant painting treatment	●	●	●	●	●	●	●	●	●
252 - Metal protection grill	●	●	●	●	●	●	●	●	●
605 - Compr. power factor capacitor - 0,9	●	●	●	●	●	●	●	●	●
1002 - Soft Starter	-	-	-	-	-	-	-	-	-
Supply network control relay	●	●	●	●	●	●	●	●	●
83 - Compressor operation indicator	●	●	●	●	●	●	●	●	●
610 - Noise deadening cup on compressor	●	●	●	●	●	●	●	●	●
Magnetothermic switch for each compressor	●	●	●	●	●	●	●	●	●
Service valve on compressor group suction	●	●	●	●	●	●	●	●	●
Service valve on compressor group discharge	●	●	●	●	●	●	●	●	●
85 - Demand limit	●	●	●	●	●	●	●	●	●
88 - Analog set point compensation	●	●	●	●	●	●	●	●	●
1005 - Power supply analyzer	●	●	●	●	●	●	●	●	●
217 - Double safety valve	●	●	●	●	●	●	●	●	●
Pressure gauge on high and low pressure	●	●	●	●	●	●	●	●	●
Expansion valve energy reserve module	●	●	●	●	●	●	●	●	●
84 - Additional external alarm	●	●	●	●	●	●	●	●	●
Ambient temperature sensor	●	●	●	●	●	●	●	●	●
919 - Clock card	●	●	●	●	●	●	●	●	●
923 - RC-Com MBUS/JBUS Serial board	●	●	●	●	●	●	●	●	●
926 - LON Serial board	●	●	●	●	●	●	●	●	●
931 - BACnet Ethernet - SNMP - TCP/IP Serial board	●	●	●	●	●	●	●	●	●
943 - Data Logger	●	●	●	●	●	●	●	●	●
934 - MP.COM expansion card	●	●	●	●	●	●	●	●	●
889 - Master plant SEQUENCER	●	●	●	●	●	●	●	●	●
962 - Kit modem GSM	●	●	●	●	●	●	●	●	●
957 - Plantwatch without modem	●	●	●	●	●	●	●	●	●
930 - Remote graphic terminal kit	●	●	●	●	●	●	●	●	●

● available accessory; - not available accessory

## TECHNICAL DATA PYXIS CLA

PYXIS CLA		106 P2	128 P4	132 P2	140 P4	153 P4	164 P4	168 P2	168 P2	
STANDARD	SIZE	S WL	D WL	S WL	D WL	D WH	D WH	S WH	D WH	
	<b>Cooling capacity (1)</b>	kW	<b>108</b>	<b>124</b>	<b>134</b>	<b>139</b>	<b>152</b>	<b>164</b>	<b>170</b>	<b>171</b>
	Unit power input	kW	34,6	39,2	42,8	44,4	47,8	52,6	54,5	54,8
	Evaporator water flow rate	m³/h	18,6	21,4	23,0	23,9	26,1	28,2	29,2	29,4
	Evaporator pressure drop	kPa	33	46	34	39	46	42	25	34
	Compressors	scroll	scroll	scroll	scroll	scroll	scroll	scroll	scroll	
	Quantity	n.	2	4	2	4	4	4	2	
	Capacity steps	n.	2	4	2	4	4	4	2	
	Axial fans	n.	4	6	6	6	6	6	6	
	Total air flow	m³/h	38940	53340	53340	53340	59300	59300	59300	
	Max external static pressure	Pa	0	0	0	0	0	0	0	
	Air circuits	n.	1	2	1	2	2	1	2	
	Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Total refrigerant charge (optional excluded)	kg	12,0	12,0	12,4	12,1	23,3	24,1	21,3	24,3
	Gas circuits	n.	1	2	1	2	2	1	2	
	Power supply	V/Ph/Hz	400/3/50+N							
	Max unit operating current (FLA)	A	90,9	107,9	104,9	131,9	137,9	143,9	138,9	138,9
	Unit starting current (LRA)	A	313,9	200,9	328,9	240,9	277,9	283,9	382,9	382,9
	EER - Eurovent standard (1)	kW/kW	3,12	3,16	3,13	3,13	3,18	3,12	3,12	3,12
	ESEER		4,27	4,59	4,23	4,57	4,55	4,55	4,35	4,68
	Sound power level [Lw] (2)	dB(A)	84,5	82,7	86,5	83,1	83,7	83,9	86,9	86,9
	Average sound pressure level [L <sub>Pm</sub> ] (3)	dB(A)	66,3	64,5	68,4	64,9	65,1	65,3	68,4	68,4
	Net weight	kg	1250	1310	1390	1330	1300	1440	1540	1530
	Hydraulic connections									
	Evaporator IN/OUT - OD (4)	Ø mm	73,1	73,1	73,1	73,1	73,1	73,1	73,1	
OPTIONAL	<b>Partial heat recovery-Heating capacity(5)</b>	kW	<b>39,7</b>	<b>45,7</b>	<b>49,1</b>	<b>51,1</b>	<b>55,7</b>	<b>60,4</b>	<b>62,3</b>	<b>62,7</b>
	<b>Total heat recovery-Heating capacity(6)</b>	kW	<b>138</b>	<b>157</b>	<b>170</b>	<b>178</b>	<b>193</b>	<b>211</b>	<b>218</b>	<b>218</b>
	EC axial fans-Max external static pressure	Pa	0	0	0	0	0	0	0	0
	Pumping group									
	Low discharge head - Power input	kW	1,5	1,5	1,5	1,5	1,5	1,5	1,5	1,5
	Medium discharge head - Power input	kW	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2
	High discharge head - Power input	kW	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3
	Water tank - volume	l	200	200	200	200	200	200	200	200
LNO KIT 100%	<b>Cooling capacity (1)</b>	kW	<b>108</b>	<b>124</b>	<b>134</b>	<b>139</b>	<b>152</b>	<b>164</b>	<b>170</b>	<b>171</b>
	Unit power input	kW	34,6	39,2	42,8	44,4	47,8	52,6	54,5	54,6
	Total air flow	m³/h	38940	53340	53340	53340	59300	59300	59300	59300
	EER - Eurovent standard (1)	kW/kW	3,12	3,16	3,13	3,13	3,18	3,12	3,12	3,13
	Sound power level [Lw] (2)	dB(A)	78,2	77,1	80,1	77,4	77,9	78,1	80,6	80,6
	Average sound pressure level [L <sub>Pm</sub> ] (3)	dB(A)	60,1	58,9	62,0	59,2	59,4	59,5	62,0	62,0
LNO KIT 85%	<b>Cooling capacity (1)</b>	kW	<b>106</b>	<b>122</b>	<b>131</b>	<b>136</b>	<b>149</b>	<b>161</b>	<b>166</b>	<b>167</b>
	Unit power input	kW	35,5	39,9	43,5	45,3	48,7	53,7	55,7	56,0
	Total air flow	m³/h	33099	45339	45339	45339	50405	50405	50405	50405
	EER - Eurovent standard (1)	kW/kW	2,99	3,06	3,01	3,00	3,06	3,00	2,98	2,98
	Sound power level [Lw] (2)	dB(A)	77,0	74,6	79,1	75,1	75,8	76,0	79,5	79,5
	Average sound pressure level [L <sub>Pm</sub> ] (3)	dB(A)	58,8	56,4	60,9	56,9	57,2	57,4	60,9	60,9
LNO KIT 70%	<b>Cooling capacity (1)</b>	kW	<b>102</b>	<b>119</b>	<b>128</b>	<b>132</b>	<b>145</b>	<b>156</b>	<b>161</b>	<b>162</b>
	Unit power input	kW	36,6	41,2	44,6	47,0	50,2	55,5	58,1	58,3
	Total air flow	l	27258	37338	37338	37338	41510	41510	41510	41510
	EER - Eurovent standard (1)	kW/kW	2,79	2,89	2,87	2,81	2,89	2,81	2,77	2,78
	Sound power level [Lw] (2)	dB(A)	76,2	72,7	78,5	73,4	74,2	74,6	78,9	78,9
	Average sound pressure level [L <sub>Pm</sub> ] (3)	dB(A)	58,1	54,5	60,3	55,2	55,6	56,0	60,3	60,3
ELN KIT	<b>Cooling capacity (1)</b>	kW	<b>102</b>	<b>119</b>	<b>128</b>	<b>132</b>	<b>145</b>	<b>156</b>	<b>161</b>	<b>162</b>
	Unit power input	kW	36,6	41,2	44,6	47,0	50,2	55,5	58,1	58,3
	Total air flow	l	27258	37338	37338	37338	41510	41510	41510	41510
	EER - Eurovent standard (1)	kW/kW	2,79	2,89	2,87	2,81	2,89	2,81	2,77	2,78
	Sound power level [Lw] (2)	dB(A)	74,2	70,7	76,5	71,4	72,2	72,6	76,9	76,9
	Average sound pressure level [L <sub>Pm</sub> ] (3)	dB(A)	56,1	52,5	58,3	53,2	53,6	54,0	58,3	58,3

1. Referred to chilled water temperature 12/7°C and 35°C ambient air temperature according to Eurovent standard
2. Sound power level [Lw] according to ISO EN 9614 – 2.
3. Average sound pressure level [L<sub>Pm</sub>] 1m far according to ISO EN 3744.
4. Hydraulic connection with grooved end. The flexible joint is an optional accessory.
5. Referred to chiller water temperature 12/7°C; 35°C ambient air temperature; hot water temperature 40/45°C.
6. Referred to chiller water temperature 12/7°C; hot water temperature 40/45°C.

## TECHNICAL DATA PYXIS CLA

PYXIS CLA		184 P4 D WH	190 P4 D VT2	214 P4 D VT2	236 P4 D VT2	270 P4 D VT3	304 P4 D VT3	340 P4 D VT3	374 P4 D VT4
STANDARD	SIZE								
Cooling capacity (1)	kW	185	189	218	235	271	308	344	372
Unit power input	kW	59,5	60,6	70,8	74,4	86,9	98,7	109,9	118,5
Evaporator water flow rate	m³/h	31,8	32,4	37,5	40,3	46,6	52,9	59,0	63,9
Evaporator pressure drop	kPa	35	43	38	38	33	43	35	41
Compressors	scroll	scroll	scroll	scroll	scroll	scroll	scroll	scroll	scroll
Quantity	n.	4	4	4	4	4	4	4	4
Capacity steps	n.	4	4	4	4	4	4	4	4
Axial fans	n.	6	4	4	4	6	6	6	8
Total air flow	m³/h	59300	84720	84720	84720	127080	127080	127080	169440
Max external static pressure	Pa	0	0	0	0	0	0	0	0
Air circuits	n.	2	2	2	2	2	2	2	2
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Total refrigerant charge (optional excluded)	kg	25,0	19,0	19,4	20,2	27,8	27,8	28,3	36,2
Gas circuits	n.	2	2	2	2	2	2	2	2
Power supply	V/Ph/Hz	400/3/50+N	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Max unit operating current (FLA)	A	155,9	163,6	180,6	192,6	217,4	251,4	285,4	310,2
Unit starting current (LRA)	A	266,9	348,6	404,6	416,6	441,4	495,4	529,4	635,2
EER - Eurovent standard (1)	kW/kW	3,11	3,12	3,08	3,16	3,12	3,12	3,13	3,14
ESEER		4,32	4,45	4,49	4,37	4,41	4,53	4,53	4,37
Sound power level [Lw] (2)	dB(A)	85,7	94,5	96,7	97,8	99,7	99,7	99,7	101,6
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	67,1	75,7	77,9	79,0	80,2	80,2	80,2	81,6
Net weight	kg	1390	1700	1740	1930	2250	2300	2340	2640
Hydraulic connections									
Evaporator IN/OUT - OD (4)	Ø mm	73,1	88,9	88,9	88,9	88,9	88,9	88,9	114,3
Partial heat recovery-Heating capacity(5)	kW	68,0	69,2	80,0	86,1	99,6	113,0	126,0	137,0
Total heat recovery-Heating capacity(6)	kW	241	238	278	303	341	391	441	468
EC axial fans-Max external static pressure	Pa	0	80	80	80	80	80	80	80
Pumping group									
Low discharge head - Power input	kW	1,5	3,0	3,0	3,0	3,0	3,0	3,0	4,0
Medium discharge head - Power input	kW	2,2	4,0	4,0	4,0	4,0	4,0	4,0	5,5
High discharge head - Power input	kW	3,3	5,5	5,5	5,5	5,5	5,5	5,5	7,5
Water tank - volume	l	200	130	130	130	190	190	190	330
Cooling capacity (1)	kW	185	189	218	235	271	308	344	372
Unit power input	kW	59,3	60,6	69,9	76,3	85,8	98,7	109,9	118,1
Total air flow	m³/h	59300	84720	84720	84720	127080	127080	127080	169440
EER - Eurovent standard (1)	kW/kW	3,12	3,12	3,12	3,08	3,16	3,12	3,13	3,15
Sound power level [Lw] (2)	dB(A)	79,5	81,6	82,6	83,2	85,0	85,0	85,0	86,5
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	60,9	62,8	63,8	64,4	65,5	65,5	65,5	66,5
Cooling capacity (1)	kW	181	186	214	230	267	302	337	366
Unit power input	kW	60,9	61,2	70,9	77,7	86,4	99,7	112,3	118,1
Total air flow	m³/h	50405	72012	72012	72012	108018	108018	108018	144024
EER - Eurovent standard (1)	kW/kW	2,97	3,04	3,02	2,96	3,09	3,03	3,00	3,10
Sound power level [Lw] (2)	dB(A)	78,1	79,5	81,0	81,8	83,6	83,6	83,6	85,4
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	59,5	60,6	62,2	63,0	64,2	64,2	64,2	65,4
Cooling capacity (1)	kW	174	181	208	222	261	295	326	358
Unit power input	kW	63,7	62,4	72,7	80,1	87,9	102,1	114,8	120,1
Total air flow		41510	59304	59304	59304	88956	88956	88956	118608
EER - Eurovent standard (1)	kW/kW	2,73	2,90	2,86	2,77	2,97	2,89	2,84	2,98
Sound power level [Lw] (2)	dB(A)	77,3	78,0	80,0	81,0	82,9	82,9	82,9	84,8
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	58,7	59,2	61,2	62,2	63,4	63,4	63,4	64,7
Cooling capacity (1)	kW	174	181	208	222	261	295	326	358
Unit power input	kW	63,7	62,4	72,7	80,1	87,9	102,1	114,8	120,1
Total air flow		41510	59304	59304	59304	88956	88956	88956	118608
EER - Eurovent standard (1)	kW/kW	2,73	2,90	2,86	2,77	2,97	2,89	2,84	2,98
Sound power level [Lw] (2)	dB(A)	75,3	76,0	78,0	79,0	80,9	80,9	80,9	82,8
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	56,7	57,2	59,2	60,2	61,4	61,4	61,4	62,7

1. Referred to chilled water temperature 12/7°C and 35°C ambient air temperature according to Eurovent standard

2. Sound power level [Lw] according to ISO EN 9614 – 2.

3. Average sound pressure level [L<sub>PM</sub>] 1m far according to ISO EN 3744.

4. Hydraulic connection with grooved end. The flexible joint is an optional accessory.

5. Referred to chiller water temperature 12/7°C; 35°C ambient air temperature; hot water temperature 40/45°C.

6. Referred to chiller water temperature 12/7°C; hot water temperature 40/45°C.

## TECHNICAL DATA PYXIS CLA

PYXIS CLA		390 P4	410 P4	430 P4	455 P6	504 P6	530 P6	550 P6	584 P6
STANDARD	SIZE	D	D	D	T	T	T	T	T
	VT4	VT4	VT4	VT5	VT5	VT5	VT5	VT5	VT6
Cooling capacity (1)	kW	394	413	438	471	523	539	563	593
Unit power input	kW	126,3	132,4	140,4	147,6	162,9	173,9	181,0	190,7
Evaporator water flow rate	m³/h	67,6	70,9	75,2	80,9	89,8	92,6	96,7	102,0
Evaporator pressure drop	kPa	35	39	38	38	36	38	41	44
Compressors		scroll							
Quantity	n.	4	4	4	6	6	6	6	6
Capacity steps	n.	4	4	4	6	6	6	6	6
Axial fans	n.	8	8	8	10	10	10	10	12
Total air flow	m³/h	169440	169440	169440	211800	211800	211800	211800	254160
Max external static pressure	Pa	0	0	0	0	0	0	0	0
Air circuits	n.	2	2	2	3	3	3	3	3
Refrigerant		R410A							
Total refrigerant charge (optional excluded)	kg	36,2	36,3	36,3	41,7	42,4	46,6	46,6	54,4
Gas circuits	n.	2	2	2	3	3	3	3	3
Power supply	V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Max unit operating current (FLA)	A	327,2	344,2	361,2	381,0	431,0	449,0	466,0	490,8
Unit starting current (LRA)	A	652,2	670,2	687,2	625,0	676,0	774,0	791,0	815,8
EER - Eurovent standard (1)	kW/kW	3,12	3,12	3,12	3,19	3,21	3,10	3,11	3,11
ESEER		4,40	4,43	4,48	4,55	4,69	4,56	4,60	4,48
Sound power level [Lw] (2)	dB(A)	102,6	103,4	104,1	102,5	102,5	103,4	104,2	105,3
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	82,6	83,4	84,1	82,0	82,0	82,9	83,7	84,3
Net weight	kg	2690	2710	2730	3620	3820	3840	3860	4180
Hydraulic connections									
Evaporator IN/OUT - OD (4)	Ø mm	114,3	114,3	114,3	168,3	219,1	219,1	219,1	219,1
Partial heat recovery-Heating capacity(5)	kW	145,0	152,0	161,0	173,0	192,0	198,0	207,0	218,0
Total heat recovery-Heating capacity(6)	kW	499	525	559	--	--	--	--	--
EC axial fans-Max external static pressure	Pa	80	80	80	80	80	80	80	80
Pumping group									
Low discharge head - Power input	kW	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Medium discharge head - Power input	kW	5,5	5,5	5,5	5,5	5,5	5,5	5,5	5,5
High discharge head - Power input	kW	7,5	7,5	7,5	7,5	7,5	7,5	7,5	7,5
Water tank - volume	l	330	330	330	--	--	--	--	--
Cooling capacity (1)	kW	394	413	438	471	523	539	563	593
Unit power input	kW	125,9	132,4	140,4	147,6	162,9	173,9	181,0	190,7
Total air flow	m³/h	169440	169440	169440	211800	211800	211800	211800	254160
EER - Eurovent standard (1)	kW/kW	3,13	3,12	3,12	3,19	3,21	3,10	3,11	3,11
Sound power level [Lw] (2)	dB(A)	87,2	87,8	88,3	87,4	87,4	88,0	88,6	89,5
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	67,2	67,8	68,3	66,9	66,9	67,5	68,1	68,6
LNO KIT 100%									
Cooling capacity (1)	kW	387	405	429	464	513	529	552	582
Unit power input	kW	127,3	134,1	141,6	148,2	165,0	175,2	183,4	191,4
Total air flow	m³/h	144024	144024	144024	180030	180030	180030	180030	216036
EER - Eurovent standard (1)	kW/kW	3,04	3,02	3,03	3,13	3,11	3,02	3,01	3,04
Sound power level [Lw] (2)	dB(A)	86,2	87,0	87,6	86,3	86,3	87,1	87,7	88,8
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	66,2	66,9	67,6	65,7	65,7	66,5	67,2	67,8
LNO KIT 85%									
Cooling capacity (1)	kW	377	394	416	453	499	514	535	568
Unit power input	kW	130,0	137,3	145,5	151,0	169,7	181,0	189,0	195,9
Total air flow		118608	118608	118608	148260	148260	148260	148260	177912
EER - Eurovent standard (1)	kW/kW	2,90	2,87	2,86	3,00	2,94	2,84	2,83	2,90
Sound power level [Lw] (2)	dB(A)	85,7	86,5	87,2	85,6	85,6	86,5	87,3	88,4
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	65,7	66,5	67,2	65,1	65,1	66,0	66,8	67,4
LNO KIT 70%									
Cooling capacity (1)	kW	377	394	416	453	499	514	535	568
Unit power input	kW	130,0	137,3	145,5	151,0	169,7	181,0	189,0	195,9
Total air flow		118608	118608	118608	148260	148260	148260	148260	177912
EER - Eurovent standard (1)	kW/kW	2,90	2,87	2,86	3,00	2,94	2,84	2,83	2,90
Sound power level [Lw] (2)	dB(A)	83,7	84,5	85,2	83,6	83,6	84,5	85,3	86,4
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	63,7	64,5	65,2	63,1	63,1	64,0	64,8	65,4
ELN KIT									
Cooling capacity (1)	kW	377	394	416	453	499	514	535	568
Unit power input	kW	130,0	137,3	145,5	151,0	169,7	181,0	189,0	195,9
Total air flow		118608	118608	118608	148260	148260	148260	148260	177912
EER - Eurovent standard (1)	kW/kW	2,90	2,87	2,86	3,00	2,94	2,84	2,83	2,90
Sound power level [Lw] (2)	dB(A)	83,7	84,5	85,2	83,6	83,6	84,5	85,3	86,4
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	63,7	64,5	65,2	63,1	63,1	64,0	64,8	65,4

1. Referred to chilled water temperature 12/7°C and 35°C ambient air temperature according to Eurovent standard
2. Sound power level [Lw] according to ISO EN 9614 – 2.
3. Average sound pressure level [L<sub>PM</sub>] 1m far according to ISO EN 3744.
4. Hydraulic connection with grooved end. The flexible joint is an optional accessory.
5. Referred to chiller water temperature 12/7°C; 35°C ambient air temperature; hot water temperature 40/45°C.
6. Referred to chiller water temperature 12/7°C; hot water temperature 40/45°C.

## TECHNICAL DATA PYXIS CLA

PYXIS CLA		604 P6	646 P6	670 P8	726 P8	780 P8	820 P8	860 P8
SIZE		T	T	Q	Q	Q	Q	Q
	VT6	VT6	VT6	VT7	VT7	VT8	VT8	VT8
<b>Cooling capacity (1)</b>	kW	614	655	691	743	769	832	876
Unit power input	kW	196,8	210,6	221,5	238,1	249,7	265,8	280,8
Evaporator water flow rate	m³/h	105,0	112,0	119,0	128,0	132,0	143,0	150,0
Evaporator pressure drop	kPa	47	52	32	40	42	37	39
Compressors		scroll						
Quantity	n.	6	6	8	8	8	8	8
Capacity steps	n.	6	6	8	8	8	8	8
Axial fans	n.	12	12	12	14	14	16	16
Total air flow	m³/h	254160	254160	254160	296520	296520	338880	338880
Max external static pressure	Pa	0	0	0	0	0	0	0
Air circuits	n.	3	3	4	4	4	4	4
Refrigerant		R410A						
Total refrigerant charge (optional excluded)	kg	54,4	54,4	56,6	64,6	64,7	72,5	72,6
Gas circuits	n.	3	3	4	4	4	4	4
Power supply	V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Max unit operating current (FLA)	A	507,8	542,8	569,8	612,6	646,6	688,4	723,4
Unit starting current (LRA)	A	833,8	867,8	814,8	937,6	971,6	1014,4	1048,4
EER - Eurovent standard (1)	kW/kW	3,12	3,11	3,12	3,12	3,08	3,13	3,12
ESEER		4,51	4,55	4,66	4,57	4,56	4,58	4,61
Sound power level [Lw] (2)	dB(A)	105,9	106,8	104,5	107,8	106,9	108,1	108,8
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	84,9	85,9	83,2	86,4	85,6	86,4	87,1
Net weight	kg	4200	4240	4860	4900	4940	5300	5340
Hydraulic connections								
Evaporator IN/OUT - OD (4)	Ø mm	219,1	219,1	219,1	219,1	219,1	219,1	219,1
<b>Partial heat recovery-Heating capacity(5)</b>	kW	225,0	240,0	253,0	273,0	282,0	305,0	321,0
<b>Total heat recovery-Heating capacity(6)</b>	kW	--	--	--	--	--	--	--
EC axial fans-Max external static pressure	Pa	80	80	80	80	80	80	80
Pumping group								
Low discharge head - Power input	kW	5,5	5,5	5,5	5,5	5,5	5,5	5,5
Medium discharge head - Power input	kW	11,0	11,0	11,0	11,0	11,0	11,0	11,0
High discharge head - Power input	kW	15,0	15,0	15,0	15,0	15,0	15,0	15,0
Water tank - volume	l	--	--	--	--	--	--	--
<b>Cooling capacity (1)</b>	kW	614	655	691	743	769	832	876
Unit power input	kW	196,8	209,9	221,5	238,1	248,9	265,0	280,8
Total air flow	m³/h	254160	254160	254160	296520	296520	338880	338880
EER - Eurovent standard (1)	kW/kW	3,12	3,12	3,12	3,12	3,09	3,14	3,12
Sound power level [Lw] (2)	dB(A)	90,0	90,7	89,2	91,6	90,9	92,0	92,6
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	69,0	69,8	67,8	70,2	69,6	70,3	70,8
<b>Cooling capacity (1)</b>	kW	603	642	676	729	754	816	858
Unit power input	kW	199,0	211,9	225,3	240,6	253,0	268,4	283,2
Total air flow	m³/h	216036	216036	216036	252042	252042	288048	288048
EER - Eurovent standard (1)	kW/kW	3,03	3,03	3,00	3,03	2,98	3,04	3,03
Sound power level [Lw] (2)	dB(A)	89,3	90,1	88,2	91,1	90,3	91,4	92,1
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	68,3	69,2	66,8	69,7	68,9	69,7	70,3
<b>Cooling capacity (1)</b>	kW	587	623	655	709	731	794	833
Unit power input	kW	203,1	217,1	232,3	247,0	259,2	274,7	290,2
Total air flow		177912	177912	177912	207564	207564	237216	237216
EER - Eurovent standard (1)	kW/kW	2,89	2,87	2,82	2,87	2,82	2,89	2,87
Sound power level [Lw] (2)	dB(A)	88,9	89,9	87,7	90,8	90,0	91,2	91,8
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	68,0	68,9	66,3	69,4	68,6	69,4	70,1
<b>Cooling capacity (1)</b>	kW	587	623	655	709	731	794	833
Unit power input	kW	203,1	217,1	232,3	247,0	259,2	274,7	290,2
Total air flow		177912	177912	177912	207564	207564	237216	237216
EER - Eurovent standard (1)	kW/kW	2,89	2,87	2,82	2,87	2,82	2,89	2,87
Sound power level [Lw] (2)	dB(A)	86,9	87,9	85,7	88,8	88,0	89,2	89,8
Average sound pressure level [L <sub>PM</sub> ] (3)	dB(A)	66,0	66,9	64,3	67,4	66,6	67,4	68,1

1. Referred to chilled water temperature 12/7°C and 35°C ambient air temperature according to Eurovent standard

2. Sound power level [Lw] according to ISO EN 9614 – 2.

3. Average sound pressure level [L<sub>PM</sub>] 1m far according to ISO EN 3744.

4. Hydraulic connection with grooved end. The flexible joint is an optional accessory.

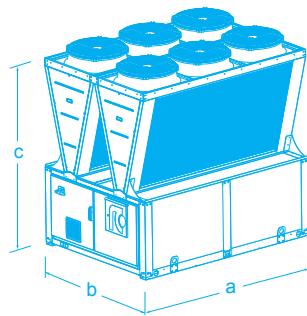
5. Referred to chiller water temperature 12/7°C; 35°C ambient air temperature; hot water temperature 40/45°C.

6. Referred to chiller water temperature 12/7°C; hot water temperature 40/45°C.

## DIMENSIONS (mm)

## SIZE W

	a	b	c
WL	2445	1750	2110
WH	2445	1750	2410



## SIZE VT

	a	b	c
VT2	2410	2260	2304
VT3	3530	2260	2304
VT4	4650	2260	2304
VT5	5770	2260	2304
VT6	6890	2260	2304
VT7	8010	2260	2304
VT8	9130	2260	2304

