











# **CSE**

# Remote condenser

Cooling capacity 3 ÷ 650 kW



- · Simple to use and install
- Wide range of powers
- Easy to handle and transport
- Can be installed both horizontally and vertically



#### **GENERAL FEATURES**

- Simple to use and install;
- Excellent value for money;
- Easy to handle and transport;
- Up to 3 units can be stacked depending on the model (to be requested at time of order);
- Can be installed both horizontally and vertically (models with ø 500 mm and ø 630 mm fans available on request).

#### **FEATURES**

 They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;

#### Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments:
- All coils are tested with Helium (He<sub>2</sub>) which ensures the absence of leaks:
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits.

#### Fans

Latest generation axial fans all compliant with ErP regulation and IP54. All the machines are supplied with wired and tested fans, the following diameters of fans are available  $\emptyset$ : 350, 500, 630 (three-phase AC motors only), 800, 1000 (990) mm.

Different sound levels can be had for each fan diameter:

- Standard (B);
- Silenced (S);

### — Super silent (E).

The motors can have AC or EC technology, for three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D)

#### CONTROL

The electrical panel with terminal board or with adjustment is always present

For space reasons, the models with 350 mm diameter fans feature a junction box.

The regulators used are of high efficiency and low consumption, the types of adjustments available are:

- Phase cut for AC fans
- With electronic processor for EC versions

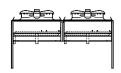
#### ACCESSORIES

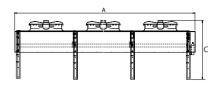
Several accessories are available:

- 1. Anti-vibration supports;
- 2. Coil connection kit;
- 3. Additional disconnectors for each motor;
- **4.** Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature ≤ 20°C);
- 6. Modbus kit;
- 7. Axitop (only for 800 mm diameter fans).

#### **PERFORMANCE SPECIFICATIONS**

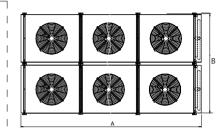
For combinations with the evaporating units contact the headquarters.







modelli / models / Modelle / modèles da / from / von / de 312 a / to / ab / zu / à 364 da / from / von / de 513 a / to / ab / zu / à 354 da / from / von / de 613 a / to / ab / zu / à 635 da / from / von / de 913 a / to / ab / zu / à 936



#### CSE fans diameter Ø 350

		CSEX3012	CSEX3013	CSEX3014	CSEX3022	CSEX3023	CSEX3024	CSEX3032	CSEX3033	CSEX3034	CSEX3042	CSEX3043	CSEX3044	CSEX3062	CSEX3063	CSEX3064
Dimensions and	weights															
A	mm	760	308	308	1310	1310	1310	1860	1860	1860	1310	1310	1310	1860	1860	1860
В	mm	620	560	560	620	620	620	620	620	620	1170	1170	1170	1170	1170	1170
С	mm	840	610	610	840	840	840	840	840	840	840	840	840	840	840	840
Weights																
Empty weight	kg	20	22	24	31	35	39	42	48	54	63	72	81	86	99	112

#### CSE fans diameter Ø 500

		CSEX5013	CSEX5014	CSEX5015	CSEX5022	CSEX5023	CSEX5024	CSEX5025	CSEX5033	CSEX5034	CSEX5035
Dimensions and	weights										
A	mm	1400	1400	1400	2345	2345	2345	2345	3290	3290	3290
В	mm	833	833	833	833	833	833	833	833	833	833
C	mm	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080
Weights											
Empty weight	kg	70	74	78	107	116	125	134	162	175	188

		CSEX5043	CSEX5044	CSEX5045	CSEX5063	CSEX5064	CSEX5065	CSEX5083	CSEX5084	CSEX5085
<b>Dimensions and</b>	weights									
A	mm	4230	4230	4230	3290	3290	3290	4230	4230	4230
В	mm	833	833	833	1666	1666	1666	1666	1666	1666
C	mm	1080	1080	1080	1080	1080	1080	1080	1080	1080
Weights										
Empty weight	kg	206	224	242	324	350	376	412	448	484

#### CSE fans diameter Ø 630

		CSEX6013	CSEX6014	CSEX6015	CSEX6023	CSEX6024	CSEX6025	CSEX6033	CSEX6034	CSEX6035	CSEX6043
Dimensions and	weights										
A	mm	1530	1530	1530	2700	2700	2700	3860	3860	3860	5100
В	mm	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033
C	mm	1165	1165	1165	1165	1165	1165	1165	1165	1165	1163
Weights											
Empty weight	kg	108	115	123	182	196	211	260	282	304	333

		CSEX6044	CSEX6045	CSEX6063	CSEX6064	CSEX6065	CSEX6083	CSEX6084	CSEX6085
Dimensions and	weights								
A	mm	5100	5100	3860	3860	3860	5100	5100	5100
В	mm	1033	1033	2066	2066	2066	2066	2066	2066
С	mm	1163	1163	1163	1163	1163	1163	1163	1163
Weights									
Empty weight	kg	363	393	520	564	608	666	726	786

All data is subject to change without notice. Aermec does not assume responsibility or liability for errors or omissions.

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# CSP

# Remote condenser

Cooling capacity 20 ÷ 120 kW



- · Simple to use and install
- Wide range of powers
- Easy to handle and transport
- Can be installed both horizontally and vertically



#### **GENERAL FEATURES**

- Ideal solution for ducted applications;
- Ventilation capable of providing a maximum static pressure of 300 Pascal:
- Simple to use and install;
- Excellent value for money;
- Easy to handle and transport;
- Can be installed both horizontally and vertically.

#### **FEATURES**

### **Structure**

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- Coils with compact staggered geometry, copper pipes and corrugated or mechanically expanded aluminium louvers;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments;
- All coils are tested with Helium (He2) which ensures the absence of leaks:
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits.

Latest generation CENTRIFUGAL fans all compliant with ErP regulation

All the machines are supplied with wired and tested fans, only the standard version ø 500mm fan is available. The motor has EC technology to maximise performance and reduce consumption.

The electrical panel with terminal board or with adjustment is always present.

The regulators used are of high efficiency and low consumption. The types of adjustments available are all with electronic processor.

#### ACCESSORIES

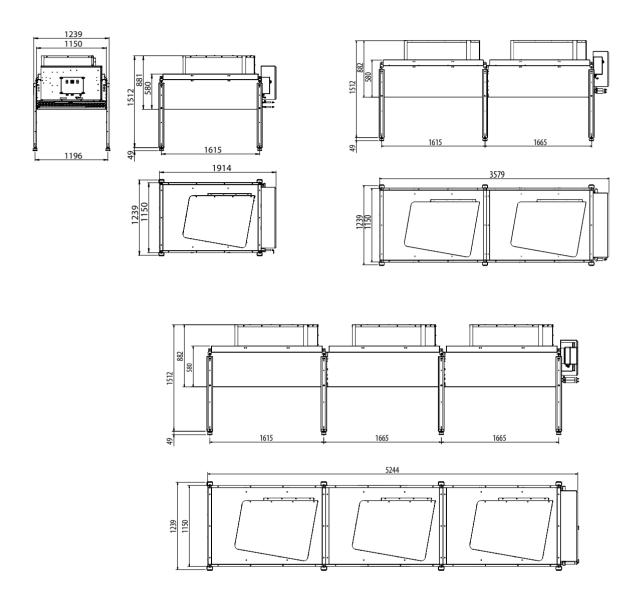
Several accessories are available:

- 1. Anti-vibration supports;
- 2. Coil connection kit:
- 3. Additional disconnectors for each motor;
- 4. Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature ≤ 20°C);
- 6. Modbus kit.

#### **PERFORMANCE SPECIFICATIONS**

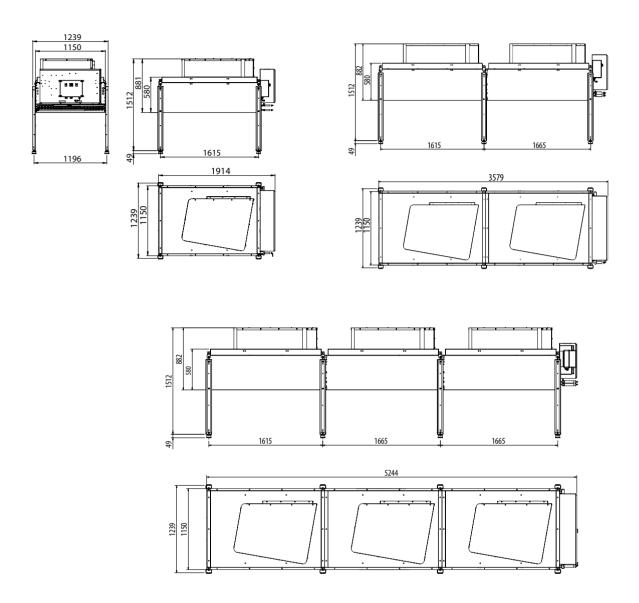
■ For combinations with the evaporating units contact the headquarters.

# **Horizontal installation**



		CSPX5013	CSPX5014	CSPX5015	CSPX5023	CSPX5024	CSPX5025	CSPX5033	CSPX5034	CSPX5035				
Horizontal installation														
Empty weight	kg	186	197	208	364	392	419	536	578	620				

## **Vertical installation**



		CSPX5013	CSPX5014	CSPX5015	CSPX5023	CSPX5024	CSPX5025	CSPX5033	CSPX5034	CSPX5035		
Vertical installation												
Empty weight	kg	186	197	208	364	392	419	536	578	620		

877













# **CVS**

# Remote condenser

Cooling capacity 44 ÷ 500 kW



- · Simple to use and install
- Wide range of powers
- Easy to handle and transport



#### **GENERAL FEATURES**

- V-Shape model with single row of fans;
- Very compact and lowered structure;
- Maximum height clearance 1.2 mt (ideal for installations with landscape constraints);
- can be transported via container;
- Easy to handle and transport;

#### **FEATURES**

#### Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- Coils with compact staggered geometry, copper pipes and corrugated or mechanically expanded aluminium louvers;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments;
- All coils are tested with Helium (He<sub>2</sub>) which ensures the absence of leaks;
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits.

#### **Fans**

- Latest generation axial fans all compliant with ErP regulation and IP54;
- All machines are supplied with wired and tested fans;
- The following fan diameters are available ø: 500, 800 mm;
- Fans with a diameter of ø 500 mm are available in single phase (M) and three-phase (T) version, there can be from 2 to 5 per machine;
- Fans with a diameter of ø 800 mm are only available in the threephase (T) version and there can be from 2 to 9 per machine;
- Different noise levels are available for each fan diameters: standard (B), silenced (S) or extra-silenced(E);

- The motors can have AC or EC technology;
- For three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D);

#### CONTROL

The electrical panel with terminal board or with adjustment is always present.

The regulators used are of high efficiency and low consumption. The types of available adjustments are: phase cut for AC fans and with

#### **ACCESSORIES**

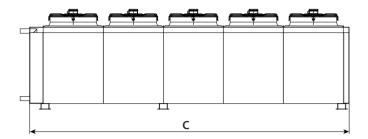
Several accessories are available:

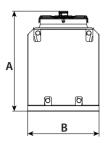
electronic processor for EC fans.

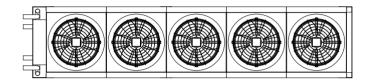
- 1. Anti-vibration supports;
- 2. Coil connection kit;
- 3. Additional disconnectors for each motor;
- **4.** Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature ≤ 20°C);
- 6. Modbus kit.
- 7. Axitop (only for 800 mm diameter fans)

### **PERFORMANCE SPECIFICATIONS**

For combinations with the evaporating units contact the headquarters.







## CVS fans diameter Ø 500

		CVSX5023	CVSX5024	CVSX5033	CVSX5034	CVSX5043	CVSX5044	CVSX5053	CVSX5054
Dimensions and	weights								
A	mm	1092	1092	1092	1092	1092	1092	1092	1092
В	mm	778	778	778	778	778	778	778	778
С	mm	1519	1519	2174	2174	2829	2829	3484	3484
Empty weight	ka	171	187	228	253	253	292	325	347

## CVS fans diameter Ø 800

		CVSX8023	CVSX8024	CVSX8033	CVSX8034	CVSX8043	CVSX8044	CVSX8053	CVSX8054
Dimensions and	weights								
A	mm	1082	1082	1082	1082	1082	1082	1082	1082
В	mm	1688	1688	1688	1688	1688	1688	1688	1688
C	mm	2915	2915	4085	4085	5285	5285	6485	6485
Empty weight	kg	433	482	663	737	896	997	1133	1260
		CVSX8063	CVSX8064	CVSX8073	CVSX8074	CVSX8083	CVSX8084	CVSX8093	CVSX8094
Dimensions and	weights								
A	mm	1082	1082	1082	1082	1082	1082	1082	1082
В	mm	1688	1688	1688	1688	1688	1688	1688	1688
C	mm	7685	7685	8885	8885	10085	10085	11285	11285
		1372	1525	1613	1793	1856	2063	2100	2334













# **CVR**

# Remote condenser

Cooling capacity 44 ÷ 500 kW



- · V-Shape model with single row of fans
- · Wide range of powers
- Maximum height clearance 1.6 mt



## **GENERAL FEATURES**

- V-Shape model with single row of fans;
- Very compact and lowered structure;
- Maximum height clearance 1.6 mt;
- can be transported via container;
- Easy to handle and transport;

#### **FEATURES**

#### Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- Coils with compact staggered geometry, copper pipes and corrugated or mechanically expanded aluminium louvers;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments;
- All coils are tested with Helium (He<sub>2</sub>) which ensures the absence of leaks;
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits.
- The electrical panel with terminal board or adjustment is always supplied;
- The regulators used are of high efficiency and low consumption;
- The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans;
- Adiabatic "Spray System" systems with running water nozzles (cheaper but less efficient);
- Aluminium "Adiabatic Panels" system with closed water management and control system (very efficient system with a 10% maximum amount of evaporated water).

#### Fans

- Latest generation axial fans all compliant with ErP regulation and IP54;
- All machines are supplied with wired and tested fans;
- Fans diameter ø: 800 mm;
- Fans with a diameter of ø 800 mm are all three-phase (T) and there can be from 2 to 7 per machine;
- Different sound levels: standard (B), silenced (S) or extra-silenced (E);
- The motors can have AC or EC technology;
- For three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D).

#### CONTROL

The electrical panel with terminal board or adjustment is always present and can be installed on the collector side (standard) or on the opposite side.

The regulators used are of high efficiency and low consumption.

The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans.

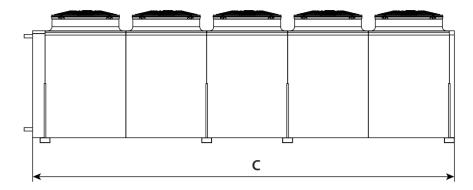
#### **ACCESSORIES**

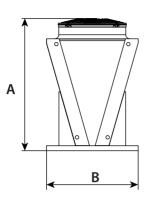
Several accessories are available:

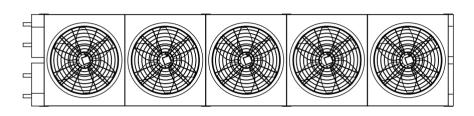
- 1. Anti-vibration supports;
- 2. Coil connection kit;
- 3. Additional disconnectors for each motor;
- **4.** Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature  $\leq$  20°C);
- **6.** UV lamp kit (only for adiabatic "Spray System" system);
- 7. Modbus kit.
- 8. Axitop

### **PERFORMANCE SPECIFICATIONS**

■ For combinations with the evaporating units contact the head-quarters.







		CVRX8023	CVRX8024	CVRX8033	CVRX8034	CVRX8043	CVRX8044	CVRX8053	CVRX8054	CVRX8063	CVRX8064	CVRX8073	CVRX8074
<b>Dimensions and</b>	weights												
A	mm	1590	1590	1590	1590	1590	1590	1590	1590	1590	1590	1590	1590
В	mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
C	mm	2150	2150	3120	3120	4090	4090	5060	5060	6030	6030	7000	7000
Empty weight	kg	356	396	523	583	690	770	856	956	1112	1261	1219	1369













# **CDR**

# Remote condenser

Cooling capacity 150 ÷ 590 kW



- V-Shape model with double row of fans
- Ideal machine to manage two-circuit systems completely independently and precisely
- · Very solid and reliable structure
- Maximum height clearance 2.2 mt



#### **GENERAL FEATURES**

- V-Shape model with double row of fans;
- Very solid and reliable structure;
- Maximum height clearance 2.2 mt;
- can be transported via container;

#### **FEATURES**

#### Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- Coils with compact staggered geometry, copper pipes and corrugated or mechanically expanded aluminium louvers;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments;
- All coils are tested with Helium (He<sub>2</sub>) which ensures the absence of leaks:
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits.
- Adiabatic "Spray System" systems with running water nozzles (cheaper but less efficient);
- Aluminium "Adiabatic Panels" system with closed water management and control system (very efficient system with a 10% maximum amount of evaporated water).

#### **Fans**

- Latest generation axial fans all compliant with ErP regulation and
- All machines are supplied with wired and tested fans;
- Fans diameter ø: 800 mm;
- Fans with a diameter of ø 800 mm are all three-phase (T) and there can be from 2 to 7 per machine;

- Different sound levels: standard (B), silenced (S) or extra-silenced (E);
- The motors can have AC or EC technology;
- For three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D).

#### **CONTROL**

- The electrical panel with terminal board or adjustment is always present and can be installed on the collector side (standard) or on the opposite side;
- The regulators used are of high efficiency and low consumption;
- The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans;
- The two banks can be managed separately with independent electric control board and adjustment (ideal solution for two-circuit systems)

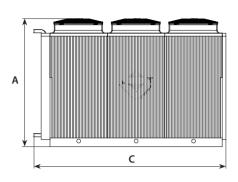
### **ACCESSORIES**

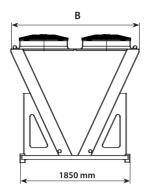
Several accessories are available:

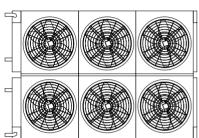
- 1. Anti-vibration supports;
- 2. Coil connection kit;
- 3. Additional disconnectors for each motor;
- **4.** Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature ≤ 20°C);
- 6. Modbus kit.
- 7. Axitop

#### PERFORMANCE SPECIFICATIONS

■ For combinations with the evaporating units contact the headquarters.







		CDRX8043	CDRX8044	CDRX8063	CDRX8064	CDRX8083	CDRX8084	CDRX8103	CDRX8104
Dimensions and	weights								
A	mm	2150	2150	2150	2150	2150	2150	2150	2150
В	mm	2160	2160	2160	2160	2160	2160	2160	2160
C	mm	2150	2150	3120	3120	4090	4090	5060	5060
Empty weight	kg	708	750	1064	1130	1394	1476	1736	1839













# **CGA**

# Remote condenser

Cooling capacity 240 ÷ 1500 kW



- V-Shape model with double row of fans
- Ideal machine to manage two-circuit systems completely independently and precisely
- · Very solid and reliable structure



## **GENERAL FEATURES**

- V-Shape model with double row of fans;
- Very solid and reliable structure;
- Can be transported in specific containers;

#### **FEATURES**

#### Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- Coils with compact staggered geometry, copper pipes and corrugated or mechanically expanded aluminium louvers;
- The version with polyurethane resin pre-painted louvers is also available for greater resistance to corrosion in aggressive environments;
- All coils are tested with Helium (He<sub>2</sub>) which ensures the absence of leaks:
- The shoulders of the coils are integrated into the structure and designed to avoid any pipe breakage due to vibrations related to transport or functioning;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits.
- Adiabatic "Spray System" systems with running water nozzles (cheaper but less efficient);
- Aluminium "Adiabatic Panels" system with closed water management and control system (very efficient system with a 10% maximum amount of evaporated water).

#### **Fans**

- Latest generation axial fans all compliant with ErP regulation and IP54;
- All machines are supplied with wired and tested fans;
- Fans diameter ø: 800 e 1000 (990) mm;
- All fans with three-phase motors (T) there can be from 6 to 16 per machine;
- Different sound levels: standard (B), silenced (S) or extra-silenced (E);

- The motors can have AC or EC technology;
- For three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D).

### CONTROL

- The electrical panel with terminal board or adjustment is always present and can be installed on the collector side (standard) or on the opposite side;
- The regulators used are of high efficiency and low consumption;
- The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans;
- The two banks can be managed separately with independent electric control board and adjustment (ideal solution for two-circuit systems)

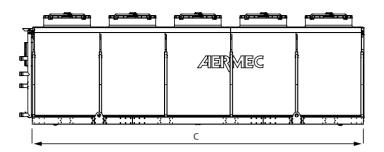
#### **ACCESSORIES**

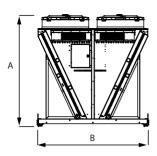
Several accessories are available:

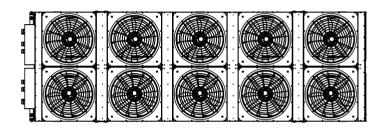
- 1. Anti-vibration supports;
- 2. Coil connection kit;
- 3. Additional disconnectors for each motor;
- **4.** Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature ≤ 20°C);
- 6. Modbus kit.
- **7.** Axitop

#### **PERFORMANCE SPECIFICATIONS**

For combinations with the evaporating units contact the headauarters.







		CGAX8063	CGAX8064	CGAX8083	CGAX8084	CGAX8103	CGAX8104	CGAX8123	CGAX8124	CGAX8143	CGAX8144	CGAX8163	CGAX8164
Dimensions and	weights												
A	mm	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410	2410
В	mm	2448	2448	2448	2448	2448	2448	2448	2448	2448	2448	2448	2448
C	mm	4320	4320	5730	5730	7140	7140	8550	8550	9960	9960	11370	11370
Empty weight	kg	1600	1700	2000	2150	2500	2700	2850	3100	3650	4000	4200	4550













# **CMV**

# Remote condenser

Cooling capacity 140 ÷ 1200 kW



- Modular machine with base unit composed by 2 "V" modules in series
- The power range can be extended by installing more than 5 base units in parallel
- · Very solid and reliable structure



#### **GENERAL FEATURES**

- Modular machine with base unit composed by 2 "V" modules in series;
- Very solid, compact and reliable structure;
- Maximum height clearance 2.0 mt;
- Can be transported via container (optimisation of transport costs);
- The power range can be extended by installing more than 5 base units in parallel.

#### **FEATURES**

#### Structure

- They are designed for outdoor installation and therefore manufactured with technologies and materials that guarantee resistance to atmospheric agents;
- High efficiency microchannel coil with low refrigerant content;
- All coils are tested with Helium (He<sub>2</sub>) which ensures the absence of leaks;
- Copper collectors with welded connections closed to prevent impurities and moisture from getting into the circuits;
- Different collector configurations are available in order to manage mono and two-circuit systems (include the "Double circuit kit" for machines with up to 8 motors)
- Each "V" module is composed by two coils and two identical fans which repeat from 2 to a maximum of 10 times.
- Each "V" module can be electrically and hydraulically disconnected from the rest of the machine for maintenance without having to stop the whole system;
- Adiabatic "Spray System" systems with running water nozzles (cheaper but less efficient);
- Aluminium "Adiabatic Panels" system with closed water management and control system (very efficient system with a 10% maximum amount of evaporated water).

#### Fans

- Latest generation axial fans all compliant with ErP regulation and IP54;
- All machines are supplied with wired and tested fans;

- Available fan diameters ø: 800 mm;
- All fans with three-phase motors (T) there can be from 4 to 20 per individual machine;
- Different sound levels: standard (B), silenced (S) or extra-silenced (E):
- The motors can have AC or EC technology;
- For three-phase AC motors it is possible to choose the electrical type of connection: star (Y) or delta (D).

#### **CONTROL**

- The electric control board or with complete adjustment is always supplied and can be installed on both short sides of the machine;
- The regulators used are of high efficiency and low consumption;
- The types of available adjustments are: phase cut for AC fans and with electronic processor for EC fans;
- Possibility to manage two-circuit systems with independent electrical board and adjustment (select the "Double circuit kit" for models up to 8 motors).

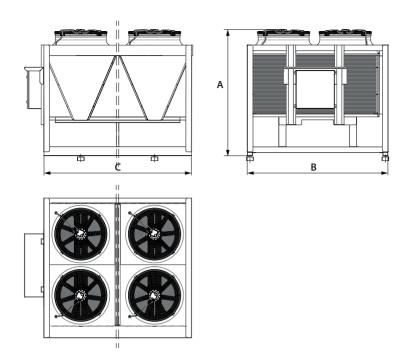
### ACCESSORIES

Several accessories are available:

- 1. Anti-vibration supports;
- 2. Double circuit kit;
- 3. Additional disconnectors for each motor;
- **4.** Remote switch-on/switch-off management kit;
- **5.** Resistance kit (if temperature  $\leq$  20°C);
- 6. Modbus kit.
- 7. Axitop

#### **PERFORMANCE SPECIFICATIONS**

For combinations with the evaporating units contact the headquarters.



		CMVX804	CMVX8081	CMVX8121	CMVX8161	CMVX8201
Dimensions and weights						
A	mm	2000	2000	2000	2000	2000
В	mm	2255	2255	2255	2255	2255
C	mm	2320	4640	6960	9280	11600
Empty weight	kg	900	1800	2700	3600	4500