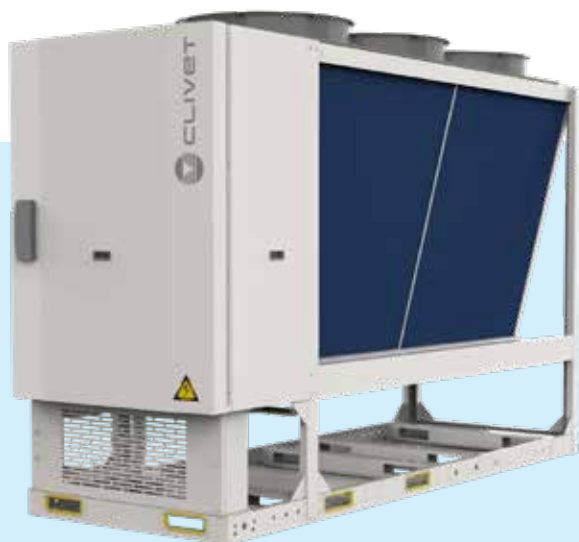




ELFOEnergy Storm EVO FC

Liquid chiller with FREE-COOLING

Air cooled

Outdoor installation

Capacity from 57,4 to 89,7 kW

- ✓ Full inverter technology with scroll or rotary compressors
- ✓ Solution for cold climates, versatile applications with modular concept
- ✓ Refrigerant R32 - GWP = 675
- ✓ High full load and seasonal efficiency with compact dimensions
- ✓ Operation down to -25°C outdoor air temperature, low water temperature down to 5°C
- ✓ Direct Free cooling active at air temperatures above 0°C
- ✓ Modular design to connect up to 16 units in parallel, compatible with chiller version
- ✓ Integrated hydronic assembly and system tank



compliant
ErP



functions and features



Cooling only



Air cooled



Outdoor
installation



R-32



Hermetic
rotary



Hermetic
Scroll



Full
inverter



FREE-
COOLING

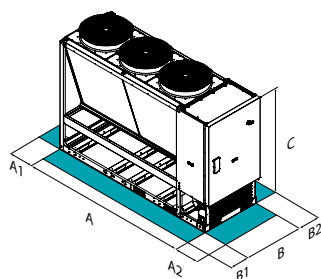


Electronic
expansion
valve



Control4 NRG
management

dimensions and clearances



Size	►►WSAT-YES FC	18.2	20.2	25.2	30.2	35.2
A - Length	mm	2364	2364	3220	3220	3220
B - Width	mm	1130	1130	1130	1130	1130
C - Height	mm	2155	2155	2155	2155	2155
A1	mm	800	800	800	800	800
A2	mm	800	800	800	800	800
B1	mm	500	500	500	500	500
B2	mm	500	500	500	500	500
Operating weight	kg	659	659	850	850	850

The above mentioned data are referred to standard units for the constructive configurations indicated.
For all the other configurations, refer to the relative Technical Bulletin.

CAUTION!

For trouble-free operation of the unit it is essential to maintain the safety distances indicated by the green areas.

versions and configurations

TYPE OF FANS:

VENDC DC high efficiency fan (Standard)

FREE-COOLING:

FCD Direct FREE-COOLING

technical data

(1) Data referred to the following conditions: internal exchanger water temperature = 15/10 °C; glycol 30%; entering external exchanger air temperature 30°C

(2) Free-Cooling only data (compressors OFF) referred to the following conditions: internal exchanger water temperature = 15/10°C; entering external exchanger air temperature = 2°C D.B./1°C W.B.; glycol 30%

(3) Sound pressure levels are referred to units operating at nominal load in nominal conditions. Measurements are carried out accordingly to UNI EN ISO 9614-1 at nominal standard conditions defined in respective regulations: EU 2016/2281, UE 813/2013, UE 811/2013.

(4) Data calculated according to the EN 14825:2018 Regulation

accessories

- HYGU1V**

User side hydronic group with 1 inverter pump
- ACIMP**

Steel inertial storage tank
- IFWX**

Steel mesh strainer on the water side
- AVIBX**

Anti-vibration mount support
- PGFCX**

Finned coil protection grill
- AMODX**

Steel mesh strainer on the water side
- CCME**

Microchannel e-coated coil
- CCKMUX**

Pipe plug kit for modular units
- AVIBI**

Anti-vibration mount support
- PGFC**

Finned coil protection grill
- REMAUX**

Advanced remote control module for auxiliary controls of sheen/storm units
- SNATEX**

Non atex main switch for remote external installation
- SNB**

On board main switch
- IFWI**

Steel mesh strainer on the water side include in the packaging (available only with options: ASING)
- IFWCX**

Steel mesh strainer on the water side for units in modular configuration (available only with options: AMODX)

Accessories whose code ends with "X" are supplied separately