

ELFOENERGY STORM EVO

Air-cooled liquid chiller for outdoor installation
Capacity from 53,1 to 85,1 kW

DC INVERTER



Clivet participates in the EUROVENT "Liquid Chilling Packages and Hydronic Heat Pumps".
 Check ongoing validity of certificate on www.eurovent-certification.com"



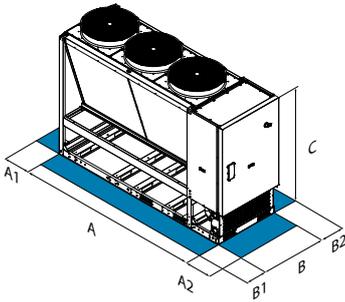
- ✓ Full inverter technology with scroll or rotary compressors
- ✓ Application versatility with modular concept
- ✓ Refrigerant R32 - GWP = 675
- ✓ High full load and seasonal efficiency with compact dimensions
- ✓ Operation up to 48°C outdoor air temperature, chilled water down to -8°C
- ✓ Three acoustic levels: standard, silenced and super-silenced
- ✓ Modular design for up to 16 units in parallel (reduced installation space, enhanced system efficiency)
- ✓ Integrated hydronic assembly and system tank

Versions and configurations

TYPE OF FANS:

VENDC DC high efficiency fan (Standard)

Dimensions and connections



Size	WSAT-YES	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	575	575	725	725	725

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 blue areas.

Technical data

Size	WSAT-YES	18.2	20.2	25.2	30.2	35.2
Cooling capacity (EN 14511:2022)	(1) kW	53,1	59,2	72,2	77,5	85,1
Total power input (EN 14511:2022)	(1) kW	17,1	19,8	22,5	24,3	27,5
EER (EN 14511:2022)	(1) -	3,10	2,99	3,21	3,19	3,10
SEER	(3) -	4,85	4,84	4,89	4,81	4,74
n _{s,c}	(3) %	190,8	190,6	192,6	189,5	186,4
Refrigeration circuits	Nr			1		
No. of compressors	Nr			2		
Type of compressors	-	ROTARY INVERTER		SCROLL INVERTER		
Refrigerant	-			R-32		
Standard airflow	l/s	6889	6889	10333	10333	10333
Standard power supply	V			400/3N~/50		
Sound power level	(2) dB(A)	82	82	81	84	85

(1) Data calculated in compliance with Standard EN 14511:2022 referred to the following conditions: Internal exchanger water temperature = 12/7°C; Outdoor heat exchanger inlet air temperature = 35°C
 (2) 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

(3) Data calculated according to the EN 14825:2022 Regulation
 The Product is compliant with the Erp (Energy Related Products) European Directive. It includes the Commission delegated Regulation (EU) No 2016/2281, also known as Ecodesign Lot21.

Accessories

HYGU1V	User side hydronic assembly with 1 inverter pump	IFWI	Steel mesh strainer on the water side include in the packaging
ACIMP	Steel inertial storage tank	IFWX	Steel mesh filter on the water side
AMODX	Water fittings for modular unit	IFWCX	Steel mesh strainer on the water side for units in modular configuration (available only with options: AMODX)
CCKMUX	Pipe plug kit for modular units	PGFC	Finned coil protection grilles
AVIBI	Advanced remote control module for auxiliary controls of sheen/storm units	PGFCX	Finned coil protection grilles
AVIBX	Anti-vibration mount support	IOTX	IoT industrial module for cloud based interoperability & services
REMAUX	Advanced remote control module for auxiliary controls of sheen/storm units	CCME	Microchannel e-coated coil
SNATEX	Non atex main switch for remote external installation		
SNB	On board main switch		

Accessories whose code ends with "X" are supplied separately