



ELFOENERGY SHEEN EVO

Liquid chiller

Air cooled

Outdoor installation

Capacity from 43,0 to 130 kW

- ✓ Full inverter technology with scroll or rotary compressors
- ✓ First investment driven and refurbishment applications
- ✓ Refrigerant R32 - GWP = 675
- ✓ High seasonal efficiency
- ✓ Low water temperature down to -8°C
- ✓ Three acoustic configurations: standard, silenced and super-silenced
- ✓ Modular operation management, up to 16 units in cascade



Clivet participates in the EUROVENT "Liquid Chilling Packages and Hydronic Heat Pumps". The products concerned feature on the website www.eurovent-certification.com



compliant
ErP

functions and features



Cooling only



AIR



Outdoor
installation



R-32



Hermetic
rotary



Hermetic
Scroll



Full
inverter

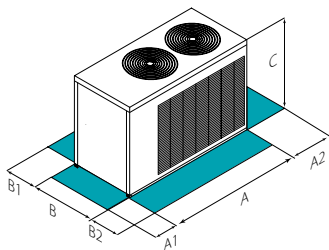


Electronic
expansion
valve



Control4 NRG
management

dimensions and clearances



Size	WSAT-YSi	16.2	20.2	24.2	30.2	35.2	40.2	45.2	50.2	55.2
A - Length	mm	2280	2280	2280	3300	3300	3300	2832	2832	2832
B - Width	mm	1060	1060	1060	1100	1100	1100	1184	1184	1184
C - Height	mm	1320	1320	1320	1510	1510	1510	1750	1750	1750
A1	mm	800	800	800	800	800	800	800	800	800
A2	mm	800	800	800	800	800	800	800	800	800
B1	mm	800	800	800	800	800	800	1300	1300	1300
B2	mm	800	800	800	800	800	800	1300	1300	1300
Operating weight	kg	470	470	470	680	680	680	771	771	771

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:

VEND DC high efficiency fan (Standard)

technical data

Size	▶▶ WSAT-YSi		16.2	20.2	24.2	30.2	35.2	40.2	45.2	50.2	55.2
♦ Cooling capacity (EN 14511:2022)	(1)	kW	43,0	54,0	64,9	76,0	86,8	97,7	110	120	130
Total power input (EN 14511:2022)	(1)	kW	13,0	17,2	23,8	23,4	28,7	35,7	36,7	41,3	46,4
EER (EN 14511:2022)	(1)	-	3,31	3,14	2,72	3,25	3,02	2,74	3,00	2,90	2,80
SEER	(3)	-	4,97	4,81	4,65	5,37	5,15	4,95	5,10	5,02	4,97
η _{s,c}	(3)	%	195,8	189,5	182,9	212,0	203,2	195,2	201,4	198,2	196,0
Refrigeration circuits		Nr	1								
No. of compressors		Nr	2								
Type of compressors		-	ROTARY INVERTER				SCROLL INVERTER				
Refrigerant		-					R-32				
Standard airflow		l/s	6944	6944	6944	10417	10417	10417	13900	13900	13900
Standard power supply		V	400/3N~/50								
Sound power level	(2)	dB(A)	80	81	82	82	83	84	84	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 14825:2018 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

- HYGU1**

Hydronic assembly with 1 ON/OFF pump
- HYGU1V**

Hydronic unit on user side with one inverter pump (sizes 45.2 to 55.2)
- HYGU2**

Hydronic unit on user side with 2 on-off pumps (sizes 45.2 to 55.2)
- HYGU2V**

Hydronic unit on user side with 2 inverter pumps (sizes 45.2 to 55.2)
- ACC**

Storage tank
- IFWX**

Steel mesh strainer on the water side
- IFWI**

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

Additional board for advanced function management (size 45.2÷55.2)
- 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
- AVIBI**

Anti-vibration mount support
- AVIBX**

Anti-vibration mount support
- AMMSX**

Anti-seismic spring antivibration mounts
- PGFC**

Finned coil protection grill
- PGFCX**

Finned coil protection grill
- CCME**

Microchannel e-coated coil
- IOTX**

IoT industrial module for cloud based interoperability & services

Accessories whose code ends with "X" are supplied separately