



Systemair SYSAQUA125.H.1P-SP.WPS.AVM

[Більш детальна інформація в нашому онлайн-каталозі](#)

Артикул: 372051
Виробник: Frisco
Код товару: SYSAQUA125.H.1P-SP.WPS.AVM

від 0 грн.

Характеристики

Електричне нагрівання	
Підвищення температури, повна потужність, максимальна витрата повітря, °C	3N-
Номинальні параметри	
Макс. розсіювана потужність, Вт	103,5
Споживаний струм, А	50
Частота, Hz	400
Параметри звуку	
Рівень звукового тиску на 4 м (вільне поле), дБ(А)	51
Продуктивність	
Коефіцієнт EER, W/W	121,9
Місткість конденсатора, μF	2,62
Рівень звукового тиску з відривом 1 м, зовнішній блок, дБ(А)	2,63
Розміри та вага	
Витрата повітря, м³/год	1 050
Тепловий насос	
Витрата палива, кг/год	119,1

Опис

SysAquaL/SysAquaH 25 to 125 have been designed and optimized to operate with R410A refrigerant fluid. They are of single refrigerant circuit type.

They are available in cooling only (SysAquaL) and heat pump (SysAquaH) versions.

Each version consists of 11 sizes (25, 30, 35, 40, 45, 55, 65, 75, 90, 105 & 125) and covers a nominal cooling capacity range from 25.0 to 122 kW and a nominal heating capacity range from 26.9 to 120 kW.

All units are equipped with two scroll compressors fitted in tandem for adapting to partial system loads.

The general operation status of the machine is continuously under the control of an IHM controller.

The SysAquaL and SysAquaH units can operate without water tank, thanks to the IHM controller that implements an auto-adaptive control logic ensuring a total protection of the compressors at different load or water volume conditions. The minimum water volume requested in cooling mode is 3.5 litres per kW for application air conditioning and 10 litres per kW for application process.

In heating mode, 12.5 litres per kW are recommended in order to guarantee homogeneous temperatures during the defrosting cycles (comfort and energysavings). A fan speed controller can be also supplied as factory-fitted option to authorize the unit to operate in cooling mode at low ambient temperature.

SysAquaL and SysAquaH units can be supplied in several versions:

- STD (Standard) version : Includes a low noise (LS) acoustical performance.
- XLN (Extra low noise) version : Obtained by the installation of acoustic box around compressors.
- HPF version : Increases the static pressure.

Cabinet and structure

The cabinet and structure of the unit are of heavy duty galvanized steel. All galvanized steel components are individually painted by a special painting process before the assembly of the unit. This painting system performs a homogeneous protection to the corrosion. The painting is a polyester powder based type, coloured in RAL 7040.

The units SysAquaL/SysAquaH are suitable for outdoor installation, directly on the building roof or at the ground level.

Compressors

Each unit is equipped with two scroll compressors fitted on a rail and assembled together to form tandem compressors.

The compressors are then mounted on rubber pads in order to eliminate noise and vibration transmissions. The compressor motor have a direct startup. Each motor is cooled by the refrigerant gas and is equipped with an overload protection.

A phase sequence monitor is supplied as standard.

Evaporator

The evaporator is consisting of a stainless steel plate heat exchanger insulated with closed cell synthetic foam. It is protected by an antifreeze electric heater to ensure a good protection against freezing at low ambient temperature (-10 °C min.) when the unit is switched off.

Maximum working pressure is 10 bar at water side and 45 at refrigerant side.

Документація

- [certificationDiploma20170307132511.428.pdf \(1,78 MB\)](#)
- [certificationDiploma20170307132511.428.pdf \(1,78 MB\)](#)
- [certificationDiploma20170307132511.428.pdf \(1,78 MB\)](#)
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- [DC112 SYSAQUA.pdf \(207,68 KB\)](#)
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- [DC112 SYSAQUA.pdf \(207,68 KB\)](#)
- [DC112 SYSAQUA.pdf \(207,68 KB\)](#)
- [EDM SYSAQUA 20-125 \(EDM AQA1-S-13GB\) \(25,33 MB\)](#)
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- [EDM SYSAQUA 20-125 \(EDM AQA1-S-13GB\) \(25,33 MB\)](#)
- [ELM AQA 01-S-3GB.PDF \(609,87 KB\)](#)
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- [ELM AQA 01-S-3GB.PDF \(609,87 KB\)](#)
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- [IOM SYSAQUA 45-125 \(IOM AQA 05-N-3GB\) \(25,76 MB\)](#)
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Аналоги

- [Systemair IV 50-4/8 \(R\)](#)
- [Systemair BE-W 150A Window fan](#)
- [Systemair BE VTR 200 F7/6PM2.5 70% Sup*](#)
- [Systemair SYSCROLL 240 Air BE](#)
- [Systemair SYSAQUA45.H.1P-SP.WPS.AVM](#)
- [Systemair AW 300E4 sileo Axial fan](#)
- [Systemair WQH 524 BLN](#)
- [Systemair E.Bacnet2-V converter](#)

- [Systemair DVSI 499DV sileo**](#)
- [Systemair SYSAQUA75.H.1P-SP.WPS.AVM.T](#)
- [Systemair PRF 180DV](#)
- [Systemair BF VR300 EC G3/Coarse50% Ext](#)
- [Systemair BF VM 400 filter F7](#)
- [Systemair SYSAQUA35.H.1P-SP.WPS.AVM.T](#)
- [Systemair SYSCREW 1220 WATER EVO HP](#)
- [Systemair PF VTR 150 M5/ePM10_50% Ext](#)
- [Systemair DVEK 355D4 Roof fan \(EX-RU\)](#)
- [Systemair SysFreeCool 24](#)
- [Systemair MUB/T-S 025 315EC Poti-20](#)
- [Systemair WOH 190 BLN](#)
- [Systemair SysFreeCool 33](#)
- [Systemair K 315 L Sileo**](#)
- [Systemair VLC 804](#)
- [Systemair SYSCROLL 240 Air CO](#)
- [Systemair KVO 125 Circular duct fan](#)
- [Systemair SYSAQUA140.H.1P-SP.WPS.AVM.T](#)
- [Systemair DVSI 500DV](#)
- [Systemair BFRO 3800/SR09 F5 Filter x2](#)
- [Systemair SYSCREW 630 WATER EVO HP](#)
- [Systemair SYSCREW 1130 WATER EVO HP](#)
- [Systemair SYSCREW 1280 WATER EVO RC](#)
- [Systemair PF VTC 300 F7/ePM1 60% Sup](#)
- [Systemair WOH 1104 BLN](#)
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- [Systemair MTRS 40-27 3-ways valve](#)
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- [Systemair WOH 150 BLN](#)
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- [Systemair BF VTR 200 G3/Coarse 50% Sup*](#)
- [Systemair K-FST1 Frost thermostat](#)
- [Systemair RVK-EX 315D4 \(EX-RU\)](#)
- [Systemair SYSCROLL 85 Air HP](#)
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- [Systemair WOH 604 BLN](#)
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- [Systemair WOH 30 BLN](#)
- [Systemair SYSCROLL 95 Air HP](#)
- [Systemair WOH 904 BLN](#)
- [Systemair CIR20521 230B IH o6irpibay](#)
- [Systemair PRF 200D2 IE2](#)
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- [Systemair SYSCREW 860 WATER EVO HP](#)
- [Systemair IF 150 Inlinefan](#)
- [Systemair CIR22031 400B IH o6irpibay](#)
- [Systemair SYSCROLL 670 Air EVO CO](#)
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- [Systemair SYSCROLL 600 Air EVO CO](#)
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- [Systemair DVS 499DV**](#)
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- [Systemair BF-W 100A Window fan](#)
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- [Systemair KBR/F 280DV smoke extr. F400](#)
- [Systemair SYSCREW 850 Air CO](#)
- [Systemair BF VTR 150 F7/ePM1 60% Sup](#)
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- [Systemair AQVC 105](#)
- [Systemair T 120 Timer](#)
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- [Systemair BF 150TH Bathroom fan](#)
- [Systemair SYSAQUA90.H.1P-SP.WPS.AVM](#)
- [Systemair MUB/T 062 560EC-20](#)
- [Systemair SYSCROLL 200 Air EVO CO](#)

- [Systemair SYSCROLL 170 Air EVO HP](#)
- [Systemair AJR 315-2/4 \(R\)-TR](#)
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- [Systemair TFK Temperature sensor](#)
- [Systemair SYSAQUA140.H.1P-SP.WPS.AVM](#)
- [Systemair SysFreeCool 23](#)
- [Systemair PRF-EX 125D2 Ex d](#)
- [Systemair MUB/T 025.355DV-20](#)
- [Systemair X-MUB/T 042.450E4-20](#)
- [Systemair SYSCROLL 900 Air EVO CO](#)
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- [Systemair EFD 50-30 Damper cl.3 + TF24](#)
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- [Systemair AQVC 85](#)
- [Systemair BFRO 2400/SR07 F5 Filter x2](#)
- [Systemair VI H 904](#)
- [Systemair SYSAQUA150.H.1P-SP.WPS.AVM.T](#)
- [Systemair SYSCROLL 320 Air CO](#)
- [Systemair SYSCREW 1070 WATER EVO CO](#)
- [Systemair SYSAQUA190.H.1P-SP.WPS.AVM.T](#)
- [Systemair AQVC 125](#)
- [Systemair BF VSR 500 G3/Coarse 60% Sup](#)
- [Systemair SYSCROLL 120 Air CO](#)
- [Systemair BF VSR 300 F7/ePM10 80% Sup](#)
- [Systemair SYSCROLL 135 Air CO](#)
- [Systemair KVO 125 EC Circular duct fan](#)
- [Systemair BFRO 4800/SR11 F5 Filter x2](#)
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- [Systemair DHS 190E7 sileo roof fan](#)
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- [Systemair BF VX 400 EV/B filter F7](#)
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- [Systemair MUB 042 400DV sileo Multibo-20](#)
- [Systemair MUB/T 042 450EC-20](#)
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- [Systemair BFT SC03/04 F5 317x500x300/5](#)
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- [Systemair SR160.H.SYS.G4+F7.EC LPE.S1.R1](#)
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