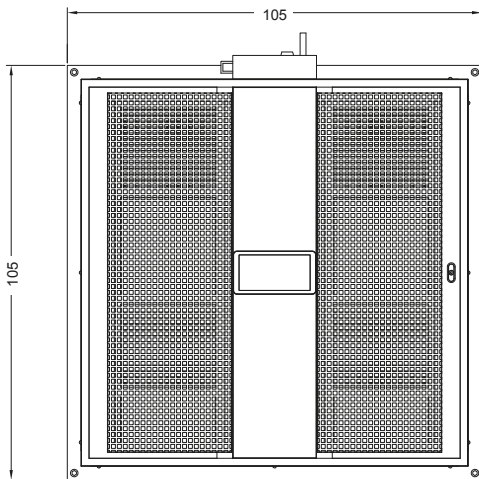


Model	LVVFMH 8000	Voltage	220-240 V/1F/50Hz	Weight	123 kg
Series	BLDC EC FAN	Power	720 W	Sound pressure	46 Db
IP Code	43 BH	Maximum flow rate	8.200 m3/h	Total dimensions	105x105x60 cm
		Head	160 Pa	Suction dimension	100x100 cm

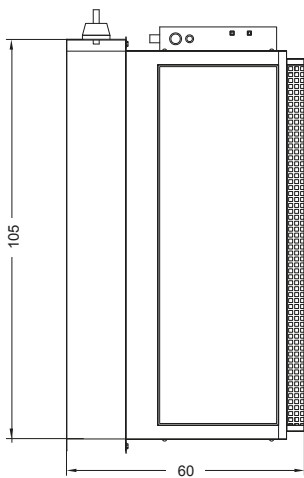
FRONT



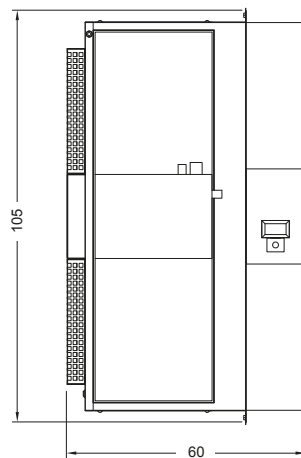
FRONT VIEW



SIDE



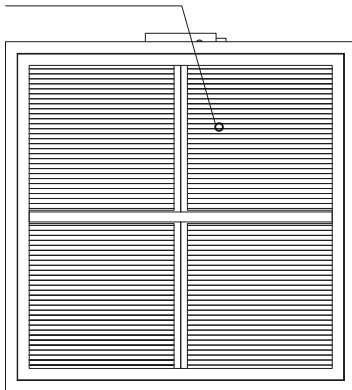
FLOOR PLAN



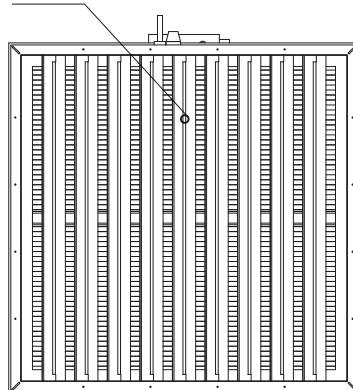
OPEN VIEW



FILTER COMPARTMENT



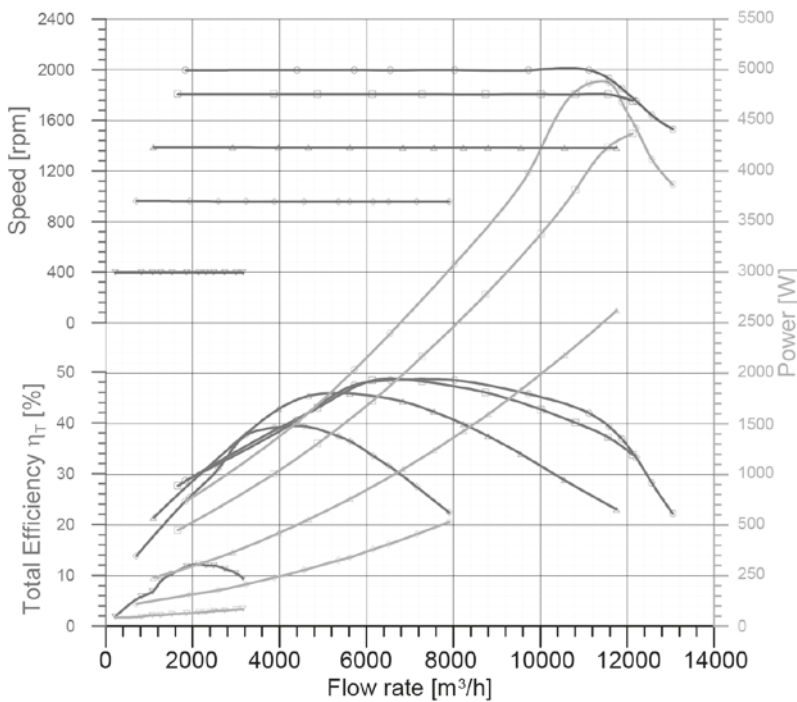
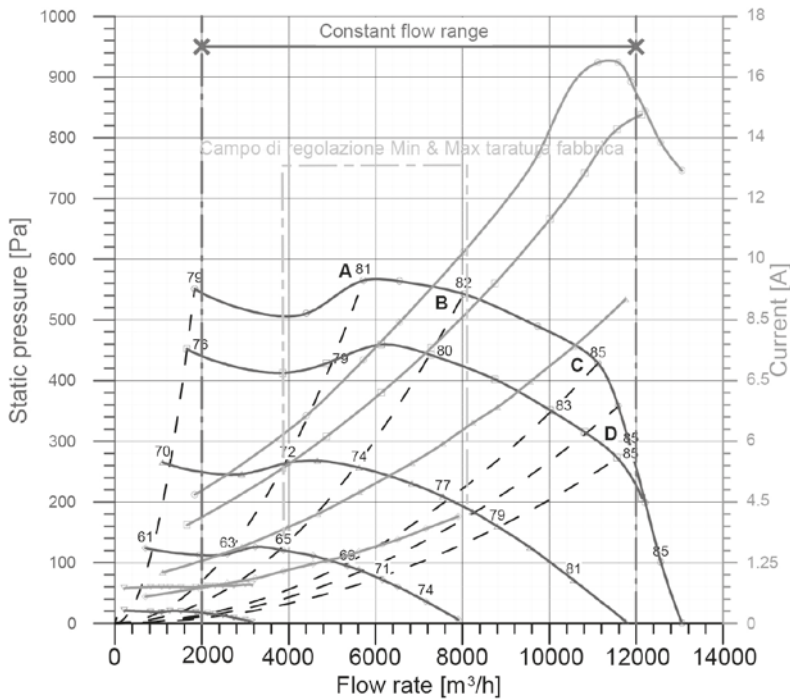
DAMPER



REAR VIEW



Curves: Airperformance50Hz



Product information

Power supply:	220-240 V/1F/50Hz
Maximum power consumption:	720 W
Maximum current consumption:	2.8 A
Air flow range:	1,800 - 8,200 m ³ /h
Nominal head:	160 Pa
Maximum noise level:	46 Db at 5 metres
Air flow rate modulation:	No
Electric fan motor:	Brushless
Number of fans:	4
Fan control:	Modbus
Fan type:	Axial
Number of filters:	4
Filter size:	495x400x48 mm
Air filter type:	G4
Inlet air damper:	ON/OFF
Rain screen with anti-mouse mesh:	Yes
Servo motor damper:	Integrated
External intake temperature probe:	Integrated
Indoor environment probes:	2 (standard); 5 (optional on request)
External air humidity probe:	Integrated
Operating temperature:	5 - 55 °C
Installation:	Window with floor support
Control and regulation:	PLC
PLC redundancy:	PLC with dual Keep Alive processors
Digital output alarms:	Yes
Well-being button management:	Yes
Event log memory:	Yes
Stop contact in case of FIRE:	Yes
Stop contact in case of FLOOD:	Yes
Remote ON/OFF:	Yes
ON/OFF of room air conditioners:	Yes
Alarm management of room air conditioners:	Yes
Air conditioners managed with digital I/O:	4
Air conditioners managed with rs485:	6
Manual force command digt.INPUT:	Yes
Operating logic:	Climate controlled
User interface:	Colour touch screen display with screen saver
Communication:	RS485 / Modbus IP master/slave
Slave system:	Slave Modbus
Degree of protection:	IP43 BM*
Machine size:	105x105x60 cm
Weight:	123 kg
Type of switch to be installed:	External rotary switch disconnecter

Product description

The RotoKalt 8000 smart+, is a windowless Free Cooling system that is easy to install and maintain.

It is equipped with 4 directly coupled Brushless centrifugal motors and drivers with Modbus communication protocol.

The whole range is supplied with motor damper and filter.

The system can also be supplied in the Slave version without management PLC and field probes.