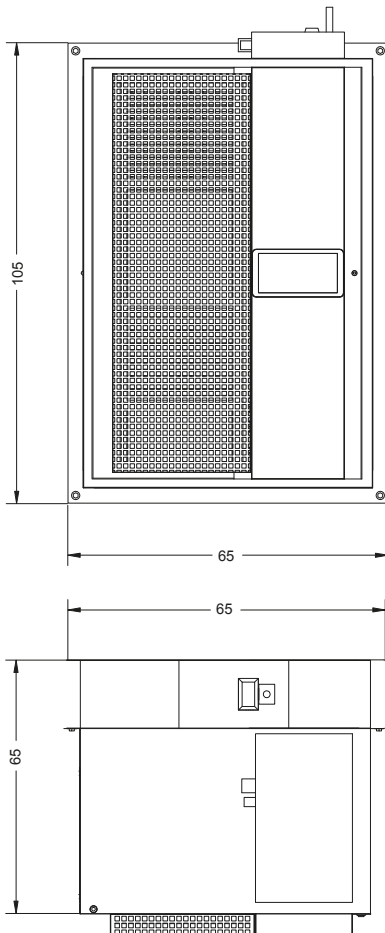
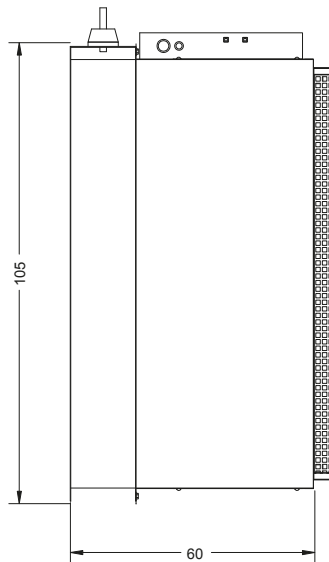


<b>Model</b>	LVVFMH 4000	<b>Voltage</b>	220/240 Volt 50 Hz	<b>Weight</b>	65 kg
<b>Series</b>	BLDC EC FAN	<b>Power</b>	550 W	<b>Sound pressure level</b>	42 Db
<b>IP Code</b>	43 BH	<b>Maximum flow rate</b>	4800 m <sup>3</sup> /h	<b>Total dimensions</b>	62x105x60 cm
		<b>Head</b>	160 Pa	<b>Suction size</b>	60x100 cm

FRONT



SIDE



FRONT VIEW



FILTER COMPARTMENT

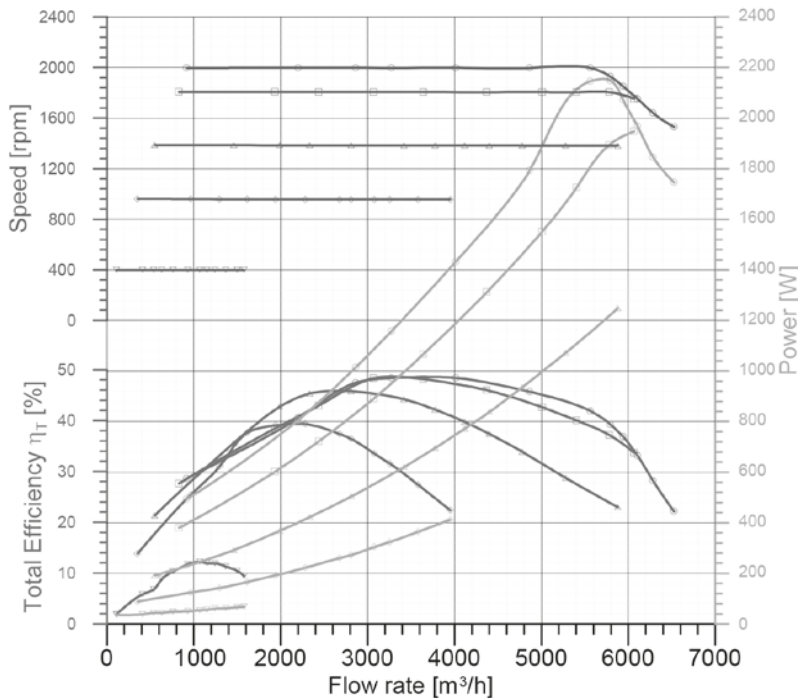
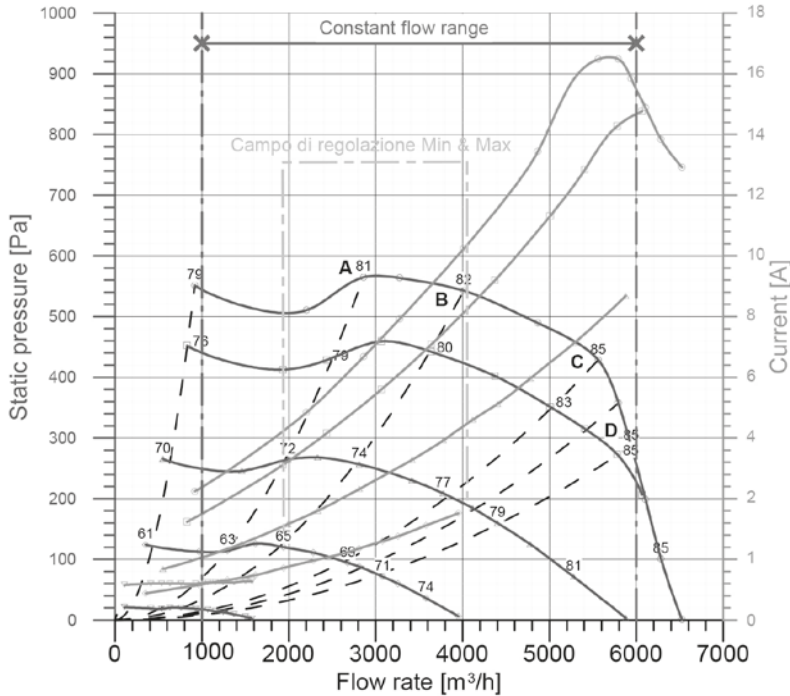


OPEN VIEW



**Curves: Airperformance50Hz**

**Product information**



Power supply:	220-240 V/1F/50Hz
Maximum power consumption:	550 W
Maximum current consumption:	2,20 A
Air flow range:	1300-4800 m3/h
Nominal head:	160 Pa
Maximum noise level:	42 Db at 5 metres
Air flow rate modulation:	No
Electric fan motor:	Brushless
Number of fans:	2
Fan control:	Modbus
Fan type:	Axial
Number of filters:	2
Filter size:	600x495x48
Air filter type:	G4
Inlet air damper:	ON/OFF
Rain screen with anti-mouse mesh:	No
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:	Analog slave
Degree of protection:	IP43 BM*
Machine size:	62x105x60 cm
Weight:	65 kg
Type of switch to be installed:	Residual current circuit breaker 0.3 type B

**Product description**

The RotoKalt 4000 smart+, an easy-to-install and easy-to-maintain Free Cooling window system, is equipped with 2 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.