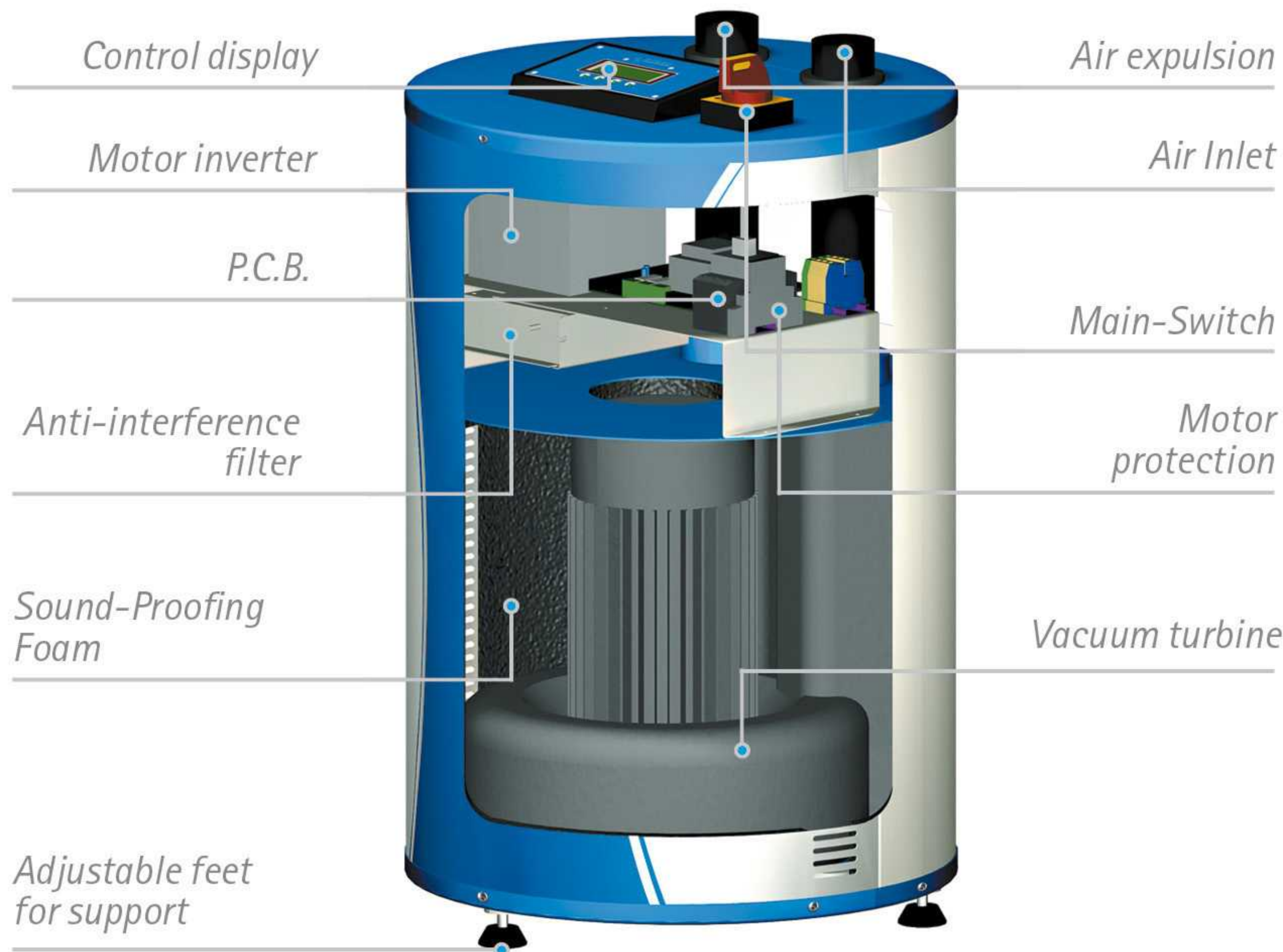


# The Perfetto line: intelligent technology



The technical features of the three-phase PERFETTO line emphasise its advantages in terms of practicality, simplicity of use, energy savings and reduced maintenance costs.

Consisting of a Vacuum Module and a Dust Separator, which is connected to it. The three-phase PERFETTO line makes it possible for 14 operators to work at the same time thanks to greater suction capacity.



## Vacuum module display

The electronic component on the vacuum modules makes it possible to set and view operating parameters using a display screen.



All vacuum modules are sound-proofed and equipped with a display managed by an intelligent electronic circuit board, which monitors the machine status. In addition, the vacuum modules with automatic vacuum adjustment feature **SOFT START**, which guarantees lower energy consumption and a constant operating vacuum level.

The display on the vacuum module can display the following information:

- motor power uptake, in amperes
- the maximum time the vacuum module can remain in continuous use
- the hours of operation of the vacuum module
- the temperature of the motor chamber
- the operating vacuum in mbar

Differently from normal centralised vacuum systems, these vacuum motor modules can be connected to one another using the serial port provided, with no need for dedicated electrical panels. The status of the machine is shown on the displays of each module, as well as on the DYNAMIC CONTROL DISPLAY (optional extra code CMT800), which is installed in operating positions (reception, hallways, control areas, etc)

In the event of central vacuum units with 2 or 3 vacuum modules, one of these modules must always be set to automatic vacuum regulation, and the remaining modules must be set to manual regulation.

This set-up is necessary for proper system operation: the module equipped with automatic regulation will function as the primary motor and will automatically adjust the system's vacuum level until the set level is obtained.

Once the maximum efficiency percentage is obtained, the primary module will activate the secondary module with manual regulation via the serial connection, and will automatically adjust the system's vacuum level to bring it to the set level.



### VACUUM MODULES WITH AUTOMATIC VACUUM REGULATION\*

Code	Model	Description
CI406	M20ES	2.6Kw 230V single-phase
CI416	T20ES	2.2Kw 380V three-phase
CI426	T30ES	4.2Kw 380V three-phase
CI436	T40ES	6.3Kw 380V three-phase
CI446	T60ES	8.7Kw 380V three-phase

### VACUUM MODULES WITH MANUAL VACUUM REGULATION

Code	Model	Description
CI411	TR10S	2.2Kw 380V three-phase
CI421	TR20S	4.0Kw 380V three-phase
CI431	TR30S	5.5Kw 380V three-phase
CI441	TR40S	7.5Kw 380V three-phase

\* Sound-proofed modules with built-in electrical panel and display. Version with inverter



## The Perfetto line: vacuum modules

PERFETTO VACUUM MODULES		VACUUM MODULES WITH AUTOMATIC VACUUM REGULATION					VACUUM MODULES WITH MANUAL VACUUM REGULATION			
Code		CI406	CI416	CI426	CI436	CI446	CI411	CI421	CI431	CI441
Model		M20ES	T20ES	T30ES	T40ES	T60ES	TR10S	TR20S	TR30S	TR40S
Technical specifications										
No. of operators at the same time	n°	2	2	3	4	6	1	2	3	4
Power supply	Volts	230	380	380	380	380	380	380	380	380
Motor power	W	2.600	2.600	4.600	6.300	8.700	2.200	4.000	5.500	7.500
Motor rpm	rpm	3.500	3.500	3.500	3.500	3.500	2.900	2.900	2.900	2.900
Soft Start		YES	YES	YES	YES	YES	NO	NO	NO	NO
Inverter		YES	YES	YES	YES	YES	NO	NO	NO	NO
System vacuum regulation		AUT.	AUT.	AUT.	AUT.	AUT.	MAN.	MAN.	MAN.	MAN.
Socket power supply voltage	Volts	12	12	12	12	12	12	12	12	12
Air flow rate	m <sup>3</sup> /h	360	360	650	810	950	300	540	670	780
Vacuum	mbar	392	392	441	490	490	392	441	441	490
Height (H)	cm	78	78	95	95	95	78	95	95	95
Diameter (Ø)	cm	52	52	66	66	66	52	66	66	66
Weight	kg	48	48	73	86	95	46	71	85	93
Serial Connection for Control Display		YES	YES	YES	YES	YES	YES	YES	YES	YES
Noise level	dB	<70	<70	<70	<73	<74	<70	<70	<70	<70
Air inlet/outlet diameter	mm	63/63	63/63	80/80	100/100	100/100	63/63	80/80	100/100	100/100

