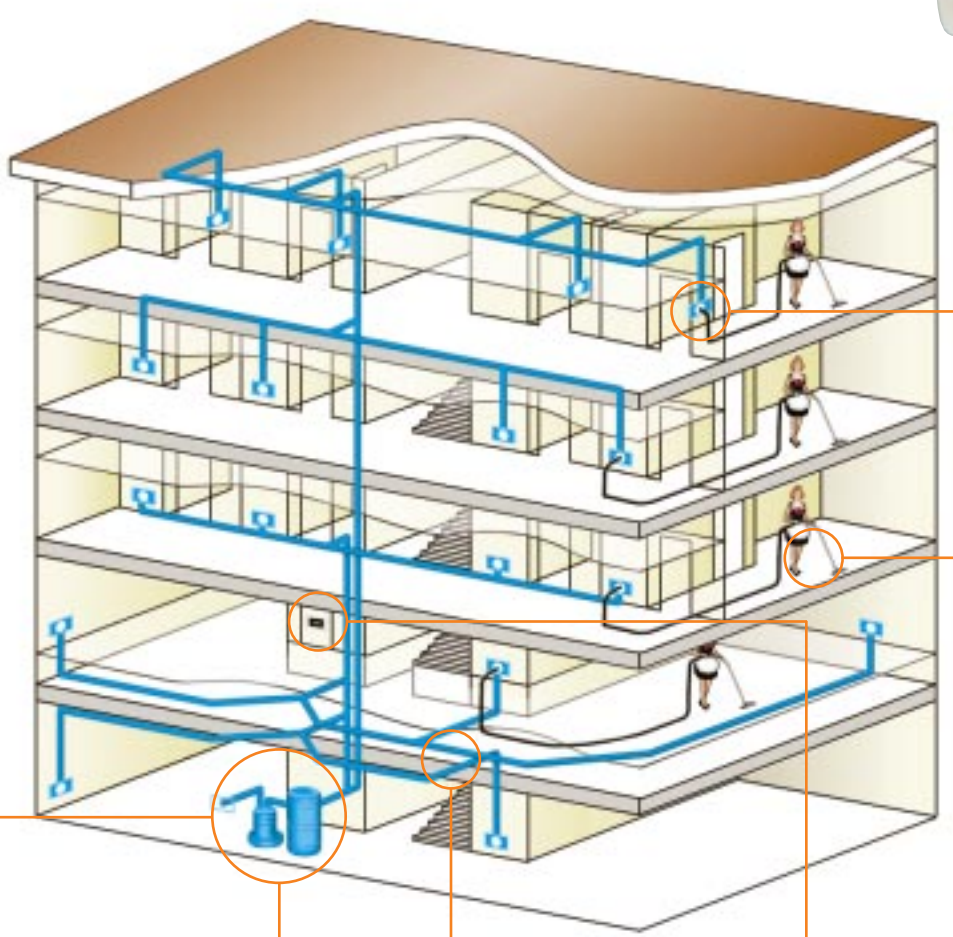
TERTIARY **PERFETTO LINE**



PERFETTO VACUUM MODULES





VACUUM SOCKETS



ACCESSORY KIT



PERFETTO DUST SEPARATORS



PIPING SYSTEM



CONTROL DISPLAY

PERFETTO VACUUM MODULES

With the new vacuum modules, Aertecnica achieves even higher performances in terms of low noise, vacuum power and electronic management of the system vacuum via microprocessor. Lower energy consumption thanks to the use of the **INVERTER**, motor **SOFTSTART** and information displayed on the machine and on the **CONTROL DISPLAY** which can be sited in the work areas. Possibility to parallel up to three motors and to adjust the system as you wish following the simple instructions provided in the special technical manual. All models are sound-proofed and complete with electrical panel.





MANUAL ADJUSTMENT

Code	Descrizione
• **Ci411**	Vacuum Module TR10S 2.2 kW 380 Three-phase
• **Ci421**	Vacuum Module TR20S 4 kW 380 Three-phase
• **Ci431**	Vacuum Module TR30S 5.5 kW 380 Three-phase
• **Ci441**	Vacuum Module TR40S 7.5 kW 380 Three-phase

AUTOM./ELECTRONIC PRESSURE ADJUST.

Code	Description
• **Ci406**	Vacuum Module M20ES 2.6 kW 230 Single-phase
• **Ci416**	Vacuum Module T20ES 2.6 kW 380 Three-phase
• **Ci426**	Vacuum Module T30ES 4.6 kW 380 Three-phase
• **Ci436**	Vacuum Module T40ES 6.5 kW 380 Three-phase
• **Ci446**	Vacuum Module T60ES 9 kW 380 Three-phase

• New item

NOTE All models are soundproofed and complete with electrical panel

TECHNICAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS		Ci411 TR10S	Ci421 TR20S	Ci431 TR30S	Ci441 TR40S	Ci406 M20ES	Ci416 T20ES	Ci426 T30ES	Ci436 T40ES	Ci446 T60ES
Simultaneous operators	no.	1	2	3	4	2	2	3	4	6
Power Supply	Volt	346-440	346-440	346-440	346-440	220-240	346-480	346-480	346-480	346-480
Motor power	kW	2.2	4	5.5	7.5	2.6	2.6	4.8	6.5	9
Absorption during work	A	7	11	13.5	17	14	8.5	11	16	19
Frequency	Hz	50	50	50	50	60	60	60	60	60
Motor revolutions	rpm	2840	2880	2900	2915	3300	3300	3400	3450	3435
Power to the sockets	Volt	12	12	12	12	12	12	12	12	12
Max air flow	m^3/h	300	460	595	740	360	360	540	705	880
Air flow during work	m^3/h	235	380	495	620	300	300	445	600	780
Max depression	mmH_2O	4200	5200	5000	5500	4400	4400	5700	5500	6100
Air inlet/outlet diameter	mm	63	90	90	100	63	63	90	90	100
Height	cm	85	95	95	105	85	85	95	95	105
Diameter	cm	52	66	66	72	52	52	66	66	72
Weight	kg	54	87	99	132	55	55	88	101	133

PERFETTO
DUST SEPARATORS

The new Aertecnica dust separators, also available with self-cleaning system, are now equipped with the innovative hydraulic pedal-controlled dust canister emptying/ unhooking system, with static pressure compensation valves and a new electronics with microprocessor. The LCD display keeps you informed on the condition of the dust canister, the washable polyester filter cartridge, the pressure of the air bottle for the self-cleaning system, and the vacuum of the system. Using the special technical manual, you can automate and personalise all the functions.



Code	Description
• **Ci090**	Dust separator LT 90/B
• **Ci150**	Dust separator LT 150/B
• **Ci090A**	Dust separator LT 90/B with self-cleaning system
• **Ci150A**	Dust separator LT 150/B with self-cleaning system

• New item



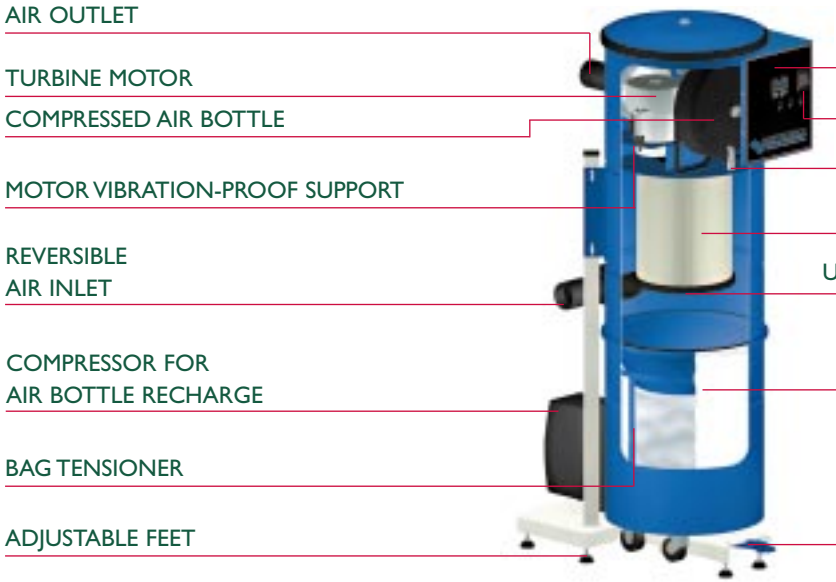
TECHNICAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS		Ci090 LT 90/B	Ci090A LT 90/B AUP	Ci150 LT 150/B	Ci150A LT 150/B AUP
Filter cartridge surface	m^2	5	5	7.3	7.3
Filter cartridge material		polyester	polyester	polyester	polyester
Dust canister capacity	litres	90	90	150	150
Weight	kg	70	88	96	110
Height	cm	175	175	175	175
Diameter	cm	46	46	56	56
Width (with supporting frame)	cm	55	55	58	58
Depth (with supporting frame)	cm	85	85	85	85
Air inlet and outlet diameter	mm	80	80*	100*	100*

KOMPATTA **PERFETTO**

This new range of monobloc power units, with one or two electronic induction motors, has really valuable characteristics. Minimum dimensions, minimum noise, effortless maintenance thanks to the hydraulic pedal-controlled dust canister emptying/unhooking system, vacuum control valves, SOFTSTART motor start-up. The new electronic card with microprocessor shows, on the machine display, the number of motors running, the electricity absorbed, the hours of work of the motors, the self-stopping mode and the working vacuum of the system. In the versions with self-cleaning system, the CONTROL DISPLAY also shows how full the dust canister is, the saturation of the washable polyester filter cartridge and the pressure of the air bottle. Also for these machines, you can automate and personalise the management following the instructions of the special technical manual.





Code	Description	Code	Description
• **CiK100**	"Kompatta" central vac unit K100	• **CiK100A**	"Kompatta" central vac unit K100A with self-cleaning
• **CiK200**	"Kompatta" central vac unit K200	• **CiK200A**	"Kompatta" central vac unit K200A with self-cleaning

• New item

Note: Monobloc central vacuum units complete with: sound-proofed motor module - dust separator - electrical panel - electronic control display

TECHNICAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS		CiK100 K100	CiK200 K200	CiK100A K100A	CiK100A K200A
Simultaneous operators	no.	1	2	1	2
Power Supply	Volt	220-240	220-240	220-240	220-240
Motor power	kW	1.58	3.16	1.58	3.16
Absorption during work	A	8.35	16.7	8.35	16.7
Frequency	Hz	50-60	50-60	50-60	50-60
Motor revolutions	rpm	25390	25390	25390	25390
Power to the sockets	Volt	12	12	12	12
Max air flow	m^3/h	182	364	182	364
Air flow during work	m^3/h	132	264	132	264
Max vacuum	mmH_2O	3861	3861	3861	3861
Air inlet / outlet diameter	mm	80	80	80	80
Height	cm	175	175	175	175
Width	cm	55	55	55	55
Depth	cm	85	85	85	85
Weight	kg	80	90	98	108
Filtering surface	m^2	5	5	5	5
Filter cartridge material		polyester	polyester	polyester	polyester
Dust canister capacity	lt	110	110	110	110

PERFETTO LINE ELECTRONIC DEVICES

CONTROL DISPLAY new

All the devices are equipped with a control display that lets you control and visually check the operational state of the system. As well as the displays on the vacuum modules, dust separators and monobloc power unit, you can display the operational state of the system on the **Control Display**, which can be installed in various zones with respect to the central power unit (entrance, on the floors, etc.).
The input voltage of the **Control Display** is 230V, it is connected to the central power unit by a serial port and can display the following:
- the amperes absorbed by the motor
- the maximum time the vacuum module is used continuously
- the hours of work of the vacuum module
- the temperature in the motor chamber
- the working vacuum in mmH_2O
- how full the dust canister is as a percentage
- the saturation of the filter cartridge as a percentage





Code	Description
• **Ci888**	Control Display for vacuum modules (tertiary sector) and monobloc power units (Kompatta series)

• New item



TERTIARY **CLASSIC LINE**

220/380V VACUUM MODULES WITH ELECTRICAL PANEL

Code	Description	Code	Description
Ci111.10	Vacuum module mod. **TR10** 380 V	**Ci150.10**	Vacuum module mod. **TR10** 230 V
Ci121.10	Vacuum module mod. **TR20** 380 V	**Ci152.10**	Vacuum module mod. **TR20** 230 V
Ci136.10	Vacuum module mod. **TR35** 380 V	**Ci154.10**	Vacuum module mod. **TR35** 230 V
Ci146.10	Vacuum module mod. **TR45** 380 V		

HOW TO DEFINE THE CODE FOR CENTRAL VAC UNITS WITH TWO OR THREE MODULES

Note **All vacuum modules are supplied complete with electrical control panel. For central units with 2 or 3 modules, there will be only one control panel.**

If your central unit has 2 or 3 modules, you have to specify it at the order in order to modify the electrical control panel.
Below you find how to define the code of a central unit with 3 modules, complete with SEC device

EX.: Ci121.10 Vacuum module TR20
Ci121.[3][1] SEC electronic device (mark with "1")

Central vac unit with 3 modules TR20 code Ci121.10
Total price = price of 3 modules cod.eCi121.10 + SEC device

VACUUM MODULE TECHNICAL CHARACTERISTICS

		380V VACUUM MODULES				220V VACUUM MODULES		
		TR10	TR20	TR35	TR45	TR10	TR20	TR35
Simultaneous operators	no.	1	2	3-4	4-5	1	2	3-4
Power Supply	Volt	380	380	380	380	230	230	230
Motor power	kW	2.2	4	5.5	7.5	3	5.5	7.5
Absorption during work	A	5.5	9.2	12.5	15.1	10.4	20.4	25.6
Frequency	Hz	50	50	50	50	50	50	50
Motor revolutions	rpm	2850	2850	2850	2850	3500	3500	3500
Power to the sockets	Volt	12	12	24	24	12	24	24
Max air flow	m^3/h	320	520	850	1100	365	630	1000
Air flow during work	m^3/h	200	350	670	800	275	500	860
Max depression	mmH_20	3200	3500	4000	4000	3200	3500	4000
Air inlet / outlet diameter	mm	63	80	100	100	63	90	10
Height	cm	45	68	80	80	45	68	80
Width	cm	40	50	60	60	40	50	60
Depth	cm	40	50	80	90	40	50	60
Weight	kg	41	70	163	166	41	70	163



CLASSIC DUST SEPARATORS

Code	Description
Ci204	Cyclonic dust separator mod. LT. 40/A

Note: These separators come complete with wall-stirrup.



Ci209	Dust separator mod. LT. 70/B with dust canister releasing handle
Ci251	Dust separator mod. LT. 150/A with dust canister releasing handle



CLASSIC DUST SEPARATORS
WITH FILTER SELF-CLEANING SYSTEM

Code	Description
Ci219	Dust separator mod. LT. 70/B with self-cleaning system, c/w dust canister releasing handle
Ci258	Dust separator mod. LT. 150/A with self-cleaning system, c/w dust canister releasing handle

CLASSIC DUST SEPARATORS **WITH FILTER SELF-CLEANING SYSTEM**

In the dust separators equipped with this system, the filtering cartridge is always clean and efficient and the vacuum modules always work at best.
A special built-in device blows compressed air against the internal walls of the cartridge and removes the particles obstructing its pores.
The operation is carried out daily and programmed via timer.



MOD. LT 150/A WITH SELF-CLEANING SYSTEM

TECHNICAL CHARACTERISTICS **CLASSIC** DUST SEPARATORS

		Ci204	Ci209	Ci219	Ci251	Ci258
TECHNICAL CHARACTERISTICS		**LT 40**	**LT 70/B**	**LT 70/B**	**LT 150/A**	**LT 150/A**
Self-cleaning system		**no**	**no**	**yes**	**no**	**yes**
Filtering surface	m^2	2.3	2.3	2.3	6.2	7.3
Filter cartridge material		paper	paper	polyester	paper	polyester
Dust canister capacity	litres	40	70	70	150	150
Weight	kg	19	53	64	96	110
Height	cm	118	155	155	171	171
Diameter	cm	36	40	40	56	56
Width (with supporting frame)	cm	-	60	75	76	91
Depth (with supporting frame)	cm	-	60	60	67	67
Air inlet and outlet diameter	mm	63	80*	80*	100*	100*

* **Air inlet and outlet connectors are reversible (right or left)**

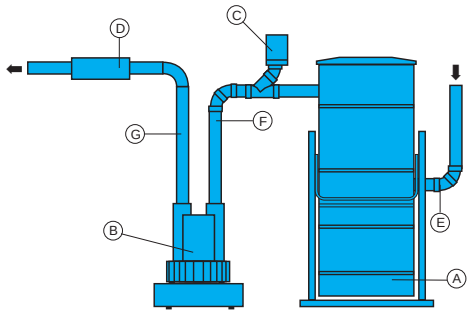


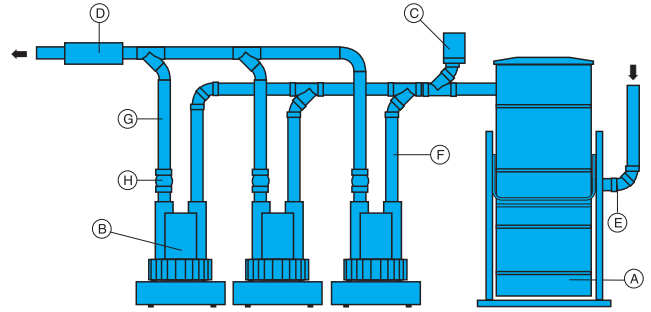


CLASSIC LINE ELECTRONIC CONTROL DEVICES

Code	Description
CG450	SEC electronic device for selecting priority and activation of the vacuum modules. **Note:** Recommended for central vac units with 2 or 3 modules. Used together with the CG220 cards it allows for the selection of the vac module start-up/shut-down in relation to the number of operators using the system. It also allows to balance the hours of use of the different modules.
CG220	Four-output resistivity card for electrical system distribution **Note:** To be used together with the SEC device code CG450

INSTALLATION EXAMPLES OF THE **CLASSIC MODULAR VACUUM UNITS**





A - Dust Separator
B - Vacuum Module
C - Compensation Valve
D - Air Exhaust Silencer
E - Dust Inlet
F - Suction
G - Metal Exhaust Pipe
H - Check valve

PERFETTO - CLASSIC LINE VALVES AND SILENCERS







Code	Description
Ci320	Compensation valve Ø 63 - only for LT40/A - LT70/B - LT150/A dust separators
Ci325	Compensation valve Ø 80 - only for LT40/A - LT70/B - LT150/A dust separators
Ci340	Compensation valve Ø 100 - only for LT40/A - LT70/B - LT150/A dust separators
Ci360	Metal silencer Ø 63
Ci365	Plastic silencer Ø 63
Ci380	Metal silencer Ø 80
Ci385	Plastic silencer Ø 80
Ci390	Metal silencer Ø 100
Ci397	Metal silencer Ø 160

Code	Description	Code	Description
Ci560	Check valve for mod. TR10 - TR15	**Ci561**	Check valve for mod. TR10S - M20ES - T20ES
Ci580	Check valve for mod. TR20 - TR30	**Ci581**	Check valve for mod. TR20S - TR30S - T30ES - T40ES
Ci590	Check valve for mod. TR35 - TR45	**Ci591**	Check valve for mod. TR40S - T60ES

PERFETTO - CLASSIC LINE SPARES FOR DUST SEPARATORS



Code	Description
CM818	Polyethylene bags for LT 40/A separators (20-pcs. pack)
Ci810	Polyethylene bags for LT 70/A - 70/B separators (20-pcs. pack)
Ci816	Polyethylene bags for LT 100/A-100/B-90/B-K100-K100A-K200-K200A separators (20-pcs. pack)
Ci820	Polyethylene bags for LT 150/A-150/B separators (20-pcs. pack)
Note:	Each pack comes complete with mask and gloves to be used during replacement



Ci860	Filter cartridge for LT 40/A - 70/A - 70/B separators
Ci861	Filter cartridge for LT 100/A - 100/B separators
Ci862	Filter cartridge for LT 150/A separators
Note:	Each pack comes complete with mask and gloves to be used during replacement



Ci880	Washable polyester filter cartridge for LT 70/B separators with automatic self-cleaning system
Ci870	Washable polyester filter cartridge for LT 100/B separators with automatic self-cleaning system
Ci864	Washable polyester filter cartridge for LT 150/A separators with automatic self-cleaning system (BIA/USGC filtration)
Ci881	Washable polyester filter cartridge for LT 90/A - 90/B separators with automatic self-cleaning system K100 - K100A - K200 - K200A
Ci882	Washable polyester filter cartridge for LT 150/A - 150/B separators with automatic self-cleaning system

Note: Each pack comes complete with mask and gloves to be used during replacement



• **Ci888**	Control display for vacuum modules (tertiary sector) and monobloc power unit (Kompatta series)

• New item