





Tubò for Tertiary Sector

The TUBÒ Hoover system is the most efficient, hygienic and economical way to clean buildings. TUBÒ is Aertecnica's multi-service system, consisting of a network of pipes that starts from one or more suction inlets and ends in a central unit located in a dedicated place.

The dust, sucked in through the accessories and the hose, passes through the hermetically sealed pipe network until it reaches the central vacuum cleaner where it settles and

from where the air, after being filtered, is expelled outside the building. It is the best system for cleaning rooms: hygienic, fast, effective, safe and silent.

Over the years, a great deal of expertise has been acquired in the most diverse service sectors: the Classic and Perfetto three-phase lines and the Kompatta KT are the solution for the cleaning needs of complex structures.



because he tubò in the tertiary sector..

With TUBÒ in the office, hotel, hospital, school, etc., you breathe a different air.

Cleaner, healthier.

The Aertecnica TUBÒ system guarantees perfectly clean environments, allowing you to move around with complete freedom and safety. TUBÒ is quick and easy to use, because time is as precious as air!

One for all!

The TUBÒ vacuum cleaner system from Aertecnica is so simple and flexible that it can be used by multiple operators simultaneously. It is therefore perfect for cleaning large buildings and environments such as hotels, offices, community centers, healthcare facilities, etc.



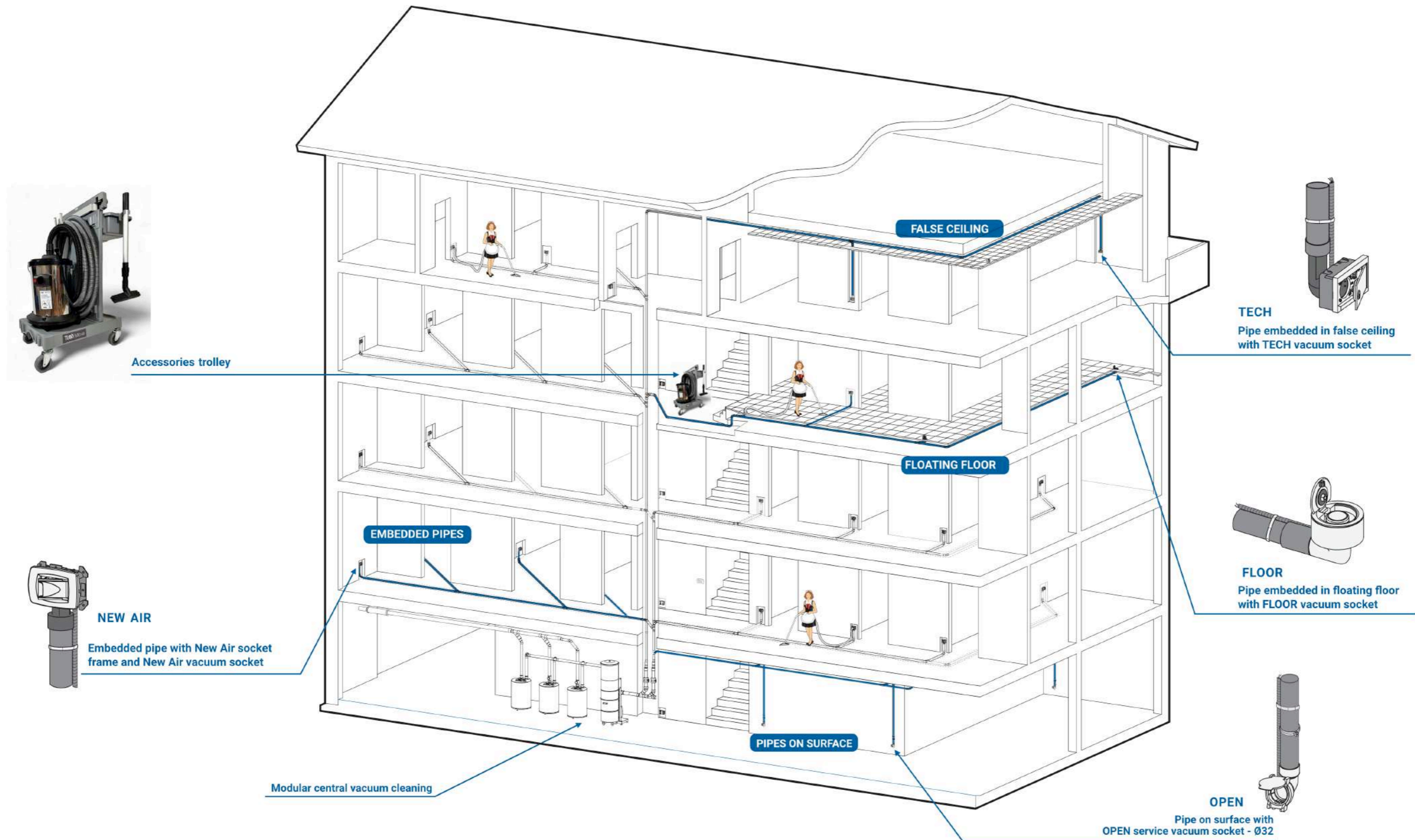
The TUBÒ vacuum cleaner system for the Terziary Sector

• Multiple users at the same time

• Large cleaning areas

• Great suction power

• Speed and maximum cleaning





Kompatta

The right choice in monoblock central power unit for buildings of the tertiary sector.

KOMPATTA is designed to be used in the professional and tertiary sector for large surfaces in multi-user systems, as an alternative to modular line, up to a maximum of three simultaneous operators.

It can also be used in villas, gyms, offices, restaurants, clinics, hotels, Bed & Breakfasts, etc., where a maximum of 3 simultaneous operators are required (up to a maximum of 3000 m2). The power supply of these central power units is three-phase 380V.

Technology for maximum performance

The KOMPATTA line combines the highest technical and functional advantages with reduced maintenance, thanks to the large filter surface and dust collection compartment.

The KOMPATTA line achieves an optimal balance between technology, durability, and reduced maintenance, thanks to its functional and ergonomic features that simplify both installation and use.

This synthesis perfectly combines technical requirements with ease of control via the on-board display.

Self-cleaning Air Cleaning

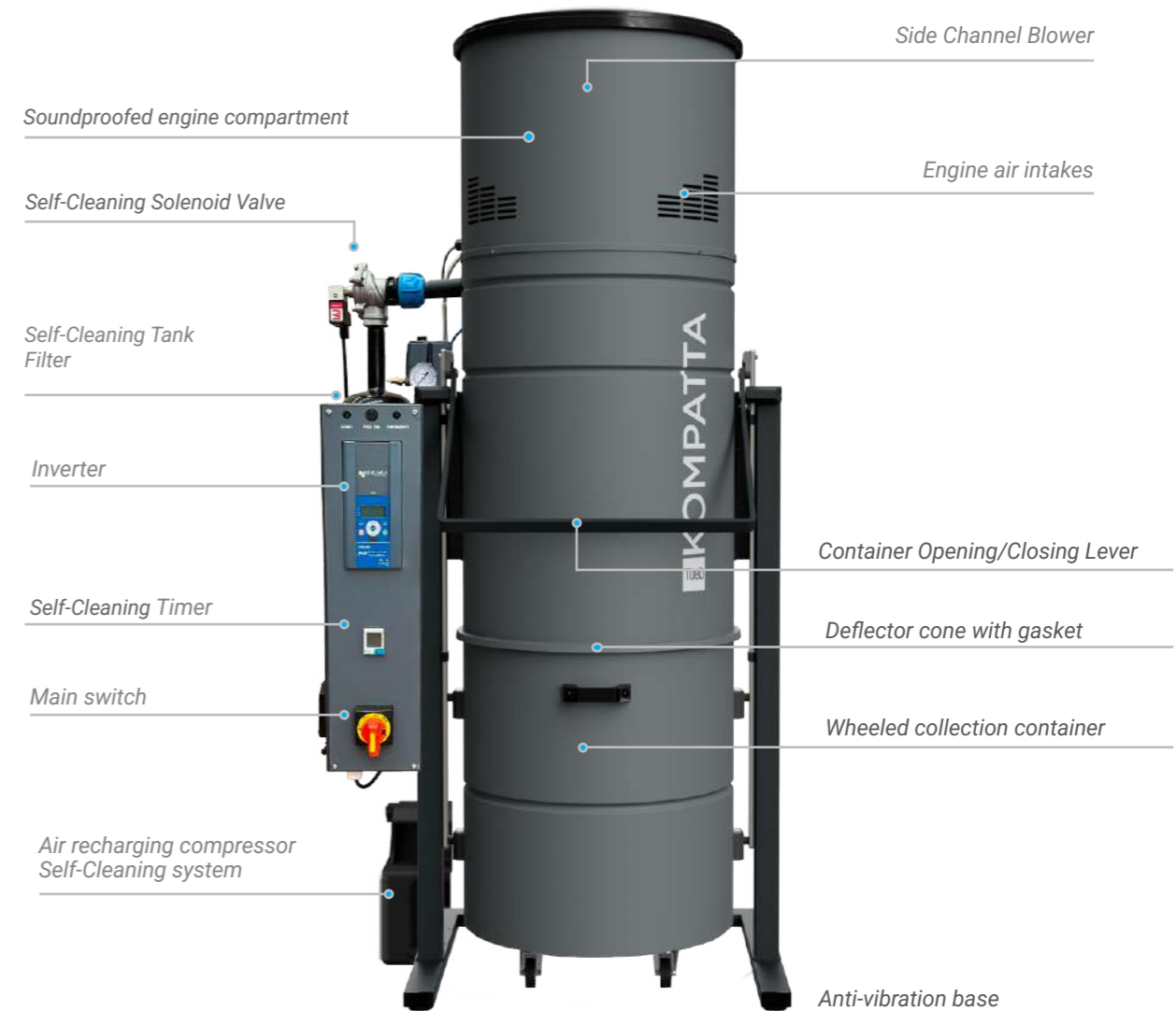
It is a compressed air filter cleaning system using a programmable and automatic "Venturi" system of the filter cartridge, which significantly reduces maintenance interventions, maintaining a high suction efficiency of the central unit for a long time.

Two versions are available:
Self-cleaning - Air Cleaning
with air compressor supplied

Self-cleaning - Air Cleaning AUX
with device for connection to an auxiliary compressed air line.



Kompatta with Air Cleaning self-cleaning



Simple installation


The design of the KOMPATTA KT line was made with a strong focus on the simplicity of installation.

The central unit is self-sustained by its structure, no wall-fixing is required. The dust inlet is reversible on both sides and the air exhaustion is on top; these features allow maximum flexibility and simplicity of installation, whatever the central unit location, with possibility to connect the pipes both on the right than on the left side.


Soft Start, Plug & play Link and auto-setting

The Soft Start starter, present even in the KOMPATTA KT, it allows longer life of the components electrical and electronic and one reduction of consumption.

The electrical connection of the central unit is Plug & Play, very simple thanks to the supplied connectors and the control unit is programmed in autosetting on its first activation.



Model	KT30A
Code	CIKT30A
multiple operators working	3
with self-cleaning Air Cleaning and air compressor	



Model	KT30A AUX*
Code	CIKT30A.1
multiple operators working	3
* with self-cleaning Air Cleaning and auxiliary compressed air line connection	



Model	KT30
Code	CIKT30
multiple operators working	3

Model	KT20A
Code	CIKT20A
multiple operators working	2
with self-cleaning Air Cleaning and air compressor	

Model	KT20A AUX*
Code	CIKT20A.1
multiple operators working	2
* with self-cleaning Air Cleaning and auxiliary compressed air line connection	

Model	KT20
Code	CIKT20
multiple operators working	2

Codice	Descrizione
CIKT30A	KOMPATTA central power unit KT30A - 4,8 kW - 380V three-phase with self-cleaning Silencer not included. Integrated compensation valve. Control units with automatic motor power regulation (Inverter) and Soft Start
CIKT30A.1	KOMPATTA central power unit KT30A - 4,8 kW - 380V - three-phase with self-cleaning Air Cleaning AUX* Silencer not included. Integrated compensation valve. Control units with automatic motor power regulation (Inverter) and Soft Start. * With auxiliary compressed air line connection.
CIKT30	KOMPATTA central power unit KT30 - 4,8 kW - 380V three-phase Silencer not included. Integrated compensation valve. Control units with automatic motor power regulation (Inverter) and Soft Start
CIKT20A	KOMPATTA central power unit KT20A - 3 kW - 380V three-phase with self-cleaning Silencer not included. Integrated compensation valve. Control units with automatic motor power regulation (Inverter) and Soft Start
CIKT20A.1	KOMPATTA central power unit KT20A - 3 kW - 380V three-phase with self-cleaning Air Cleaning AUX* Silencer not included. Integrated compensation valve. Control units with automatic motor power regulation (Inverter) and Soft Start. * With auxiliary compressed air line connection.
CIKT20	KOMPATTA central power unit KT20 - 3 kW - 380V three-phase Silencer not included. Integrated compensation valve. Control units with automatic motor power regulation (Inverter) and Soft Start

Always under control

The LED light signals, and the buttons integrated on the Panel, positioned on the support structure, allow to monitor its working status and carry out a series of tests and programming. The possibility to be integrated with other devices, upon request, allows for remote control also with connections to the most popular home automation systems.

High-quality materials and durability

The painted steel build with epoxy high temperatures resistant paints, combined with the use of high-strength impact-resistant plastics materials, with treatments that guarantee it a high contrast to wear, make of this line expression of reliability, strength and durability.

Low maintenance, simplified and safe

The self-cleaning system reduces maintenance interventions of the filter cartridge, made of polyester, easily regenerable and with large surface area, but when necessary, its removal or restoration are extremely simple and precise, thanks to the self-centering system of the cartridge and its simplified tightening.

The large dust collection bag with the bag tensioner and conveyor cone are simple to use as well as the assisted lever dust container coupling/ release device.


Technical data

Line	KOMPATTA						
Model		KT30A	KT30A AUX*	KT30	KT20A	KT20A AUX*	KT20
Code		CIKT30A	CIKT30A.1	CIKT30	CIKT20A	CIKT20A.1	CIKT20
Simultaneous users (max)	n°	3**	3**	3**	2**	2**	2**
Self-cleaning Air Cleaning		Yes	Yes	No	Yes	Yes	No
Air compressor		Yes	No	No	Yes	No	No
Auxiliary air line connection		No	Sì	No	No	Yes	No
Self-cleaning operating pressure	Bar	>4	>4	-	>4	>4	-
Inverter		Yes	Yes	Yes	Yes	Yes	Yes
Power supply Voltage	Volt	380/400	380/400	380/400	380/400	380/400	380/400
Engine power	W	4.800	4.800	4.800	3.000	3.000	3.000
Motor revolutions rpm	rpm	3.500	3.500	3.500	3.500	3.500	3.500
Soft Start		Yes	Yes	Yes	Yes	Yes	Yes
Power supply voltage sockets	Volt	12	12	12	12	12	12
Max depression mm	mbar	491	491	491	392	392	392
Air flow	m³/h	650	650	650	360	360	360
Dimensions	LxPxH	92x76x196	92x76x196	92x76x196	92x76x196	92x76x196	92x76x196
Weight	kg	152	152	152	152	152	152
Diameter	Ø (cm)	56	56	56	56	56	56
Noise	dB	<70	<70	<70	<70	<70	<70
Filter cartridge surface	cm²	50.000	50.000	50.000	50.000	50.000	50.000
Filter cartridge material		POLYESTER	POLYESTER	POLYESTER	POLYESTER	POLYESTER	POLYESTER
Container capacity	lt	150	150	150	150	150	150
Air inlet/outlet diameter	mm	80/80**	80/80**	80/80**	80/80**	80/80**	80/80**
Matching silencer Short linear exhaust line		Ø 80 metal	Ø 80 metallo	Ø 80 metal	Ø 80 PVC or metal	Ø 80 PVC or metal	Ø 80 PVC or metal
* With connection to the auxiliary compressed air line							
** Utilizing 9mt Ø 32 flexible hose							

Complementary accessories

	CI380	Metal muffler Ø 80 (h 70 cm - Ø 17 cm) Supplied with rubber sleeve and metal clamps for connection.
	CI385	Plastic muffler Ø 80 (h 56 cm - Ø 15 cm) Supplied with rubber sleeve and metal clamps for connection.
	CI390	Metal muffler Ø 100 (h 70,5 cm - Ø 20 cm) Supplied with rubber sleeve and metal clamps for connection.

Consumable parts

	CI820	Bags for KOMPATTA KT central power units (20 pcs pack) Contains protection kit with mask and gloves
	CI881	Washable polyester filter cartridge for KOMPATTA KT line Dimensions: 40 cm H x Ø32 cm

Tertiary modular line

The modularity of the central vacuum unit serving the building

The **modular line** is studied to be used in the **professional** and **tertiary** industry for wide surfaces such as offices, canteens, hotels, hospitals, airports, stations, schools and also in **multi-user systems from 4 up to 6 Contemporary operators**.

The power supply of these plants is **three-phase 380V**. It is the ideal solution to take maximum advantage of the Tubò potential of the system. He cooed from a performance point of view for the needs of the building.

The central unit panel can be configured according to specific needs (request of multi-users for quick cleaning of the various areas, amount of dust to be aspirated, building size, position of the control unit and technical compartment, consumption management and maximum performance of cleaning results).

The modular line consists of one or more vacuum modules combined with one or multiple separators, connected

to each other and managed from control and management electronic devices.

The suction modules are soundproofed and available in various power options, from 4 to 6 simultaneous operators (standard cleaning hose Ø32), can work as a single unit, always combined with a separator, or they can be connected between them, up to a maximum of three units. The sucking modules can be with automatic pressure regulation (via electronics management and inverter) or a manual adjustment through the use of mechanical control valves. In case of combination of several modules, there will be the primary to regulate the automatic pressure and the secondary a manual adjustment; then the primary manages and selfregulates automatically even the secondary ones.

The dust separators are always matched to one or more vacuum modules. They are sized to fulfill the needs for dust collection from 4 to 6 contemporary operators (standard cleaning hose Ø32); the versions with the filter self-cleaning device guarantee maximum performance with minimal maintenance.



Technology for maximum performance

The modular line combines the highest technical and functional advantages because it was built and calibrated to the needs of the building.

The modular line reaches an optimal balance between technology, durability and reduced maintenance, thanks to its functional and ergonomic characteristics that simplify both installation and use.

A synthesis that combines perfectly technical needs with simplicity of control through the display a on the body of the machine and the remote monitoring devices you can apply to it.

Filter self-cleaning device

It is a compressed-air filter cleaning system through a Programmable and automatic **"Venturi"** system for the filter cartridge, which considerably lowers the interventions of maintenance, keeping a high vacuum efficiency of the central vacuum unit for a long time.

High-quality materials and durability

The painted steel build with epoxy high temperatures resistant paints, combined with the use of high-strength impact-resistant plastics materials, with treatments that guarantee it a high contrast to wear, make of this line expression of reliability, strength and durability.

Simple installation

The design of the modular line was made with a strong attention to specific needs of the buildings and the consequent modularity of the parts that are self-sustained, no one is required wall fixing.

The dust separators have a reversible dust inlet and air vacuum on both sides; these features allow maximum flexibility and a simple installation, whatever the location of the vacuum module, with the possibility to connect the piping on both the right and left side.

Soft Start, Plug & play Link and auto-setting

The Soft Start starter, present even in the modular line, it allows longer life of the components electrical and electronic and one reduction of consumption.

The electrical connection of the central unit is Plug & Play, very simple thanks to the supplied connectors and the control unit is programmed in autosetting on its first activation.

Always under control

The LED light signals, and the buttons integrated on the Panel, positioned on the vacuum module, allow to monitor its working status and carry out a series of tests and programming. The possibility to be integrated with other devices, upon request, allows for remote control also with connections

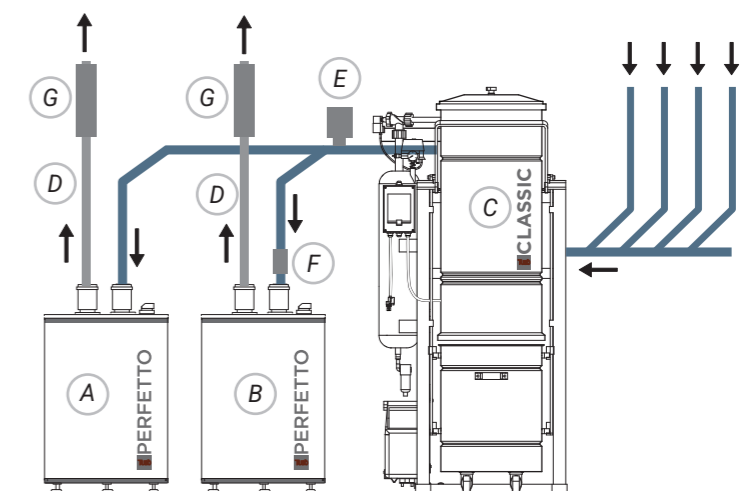
to the most popular home automation systems.

Low maintenance, simplified and safe

The self-cleaning system reduces maintenance interventions of the filter cartridge, made of polyester, easily regenerable and with large surface area, but when necessary, its removal or restoration are extremely simple and precise, thanks to the selfcentering system of the cartridge and its simplified tightening. The large dust collection bag with the bag tensioner and conveyor cone are simple to use as well as the assisted lever dust container coupling/ release device.

The system

- (A) Automatic vacuum module (primary)
- (B) Manual vacuum module (secondary)
- (C) Dust separator
- (D) Air exhaustion
- (E) Compensation valve
- (F) Check valve (only on the manual suction unit)
- (G) Silencer



PERFETTO Vacuum Modules



with AUTOMATIC regulation

The **PERFETTO vacuum modules** are designed to work based on the number of operators at the same time and on large surface areas.

These modules are equipped with **INVERTER** with electronic pressure regulation and **SOFT START** engine start.

The vacuum modules are soundproofed and equipped with a digital display that indicates the operating status of the turbine.



Digital display



with MANUAL adjustment

The **TRS-T PERFETTO** vacuum modules are designed to work based on operators at the same time and on large surface areas.

TRS-T PERFETTO vacuum modules have a vacuum power much higher than single-phase central units.

TRS-T PERFETTO vacuum modules are soundproofed and equipped with LED panel.



LED panel

Technical data

PERFETTO Line		with AUTOMATIC regulation			with MANUAL regulation		
Models		T30INV	T40INV	T60INV	TR20S-T	TR30S-T	TR40S-T
Operators at the same time	n°	3*	4*	6*	2*	3*	4*
Vacuum module power supply	Volt	380/400	380/400	380/400	380/400	380/400	380/400
Maximum absorption	A	8	11	15	8	11	15
Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60
Motor rpm	W	4.800	6.500	9.000	4.000	5.500	7.500
Motor power	rpm	3.500	3.500	3.500	2.900	2.900	2.900
Soft Start		Yes	Yes	Yes	NO	NO	NO
Inverter		Yes	Yes	Yes	NO	NO	NO
System vacuum regulation		AUTOMATIC	AUTOMATIC	AUTOMATIC	MANUAL	MANUAL	MANUAL
Maximum pressure	mbar	441	490	490	441	441	490
Air flow rate	m ³ /h	650	810	950	540	670	780
Vacuum sockets power supply	Volt	12	12	12	12	12	12
Soundproofing		Si	Si	Si	Si	Si	Si
Noise	dB	<70	<73	<74	<70	<70	<70
Air inlet diameter	mm	100/100	100/100	100/100	100/100	100/100	100/100
Vacuum modules height	cm	95	95	95	95	95	95
Diameter vacuum modules	cm	66	66	66	66	66	66
Weight	kg	73	86	95	71	85	93

* Using a Ø 32 flexible hose, 9 metres long

PERFETTO Vacuum Modules with AUTOMATIC regulation



T30INV	PERFETTO vacuum module T30INV - 4,8 kW - 380V three-phase Soundproofed module with integrated control panel and display Version with inverter
T40INV	PERFETTO vacuum module T40INV - 6,5 kW - 380V three-phase Soundproofed module with integrated control panel and display Version with inverter
T60INV	PERFETTO vacuum module T60INV - 9 kW - 380V three-phase Soundproofed module with integrated control panel and display Version with inverter

PERFETTO Vacuum Modules with MANUAL adjustment



TR20S-T	PERFETTO vacuum module TR20S-T - 4,0 kW - 380V three-phase Soundproof module with LED panel.
TR30S-T	PERFETTO vacuum module TR30S-T - 5,5 kW - 380V three-phase Soundproof module with LED panel
TR40S-T	PERFETTO vacuum module TR40S-T - 7,5 kW - 380V three-phase Soundproof module with LED panel

Additional accessories

	CI380	Metal muffler Ø 80 (h 70 cm - Ø 17 cm)
	CI390	Metal muffler Ø 100 (h 70,5 cm - Ø 20 cm)
	CI397	Metal muffler Ø 160 (h 90,5 cm - Ø 22 cm)
The silencers are supplied with a rubber sleeve and metal clamps for connection		
	CI581	Check valve for TR20S-T / T30INV
	CI591	Check valve for TR30S-T / TR40S-T
The valves are supplied with a rubber sleeve and metal clamps for connection		
	CI320	Compensation valve Ø 63
	CI325	Compensation valve Ø 80
	CI340	Compensation valve Ø 100

CLASSIC Dust Separators



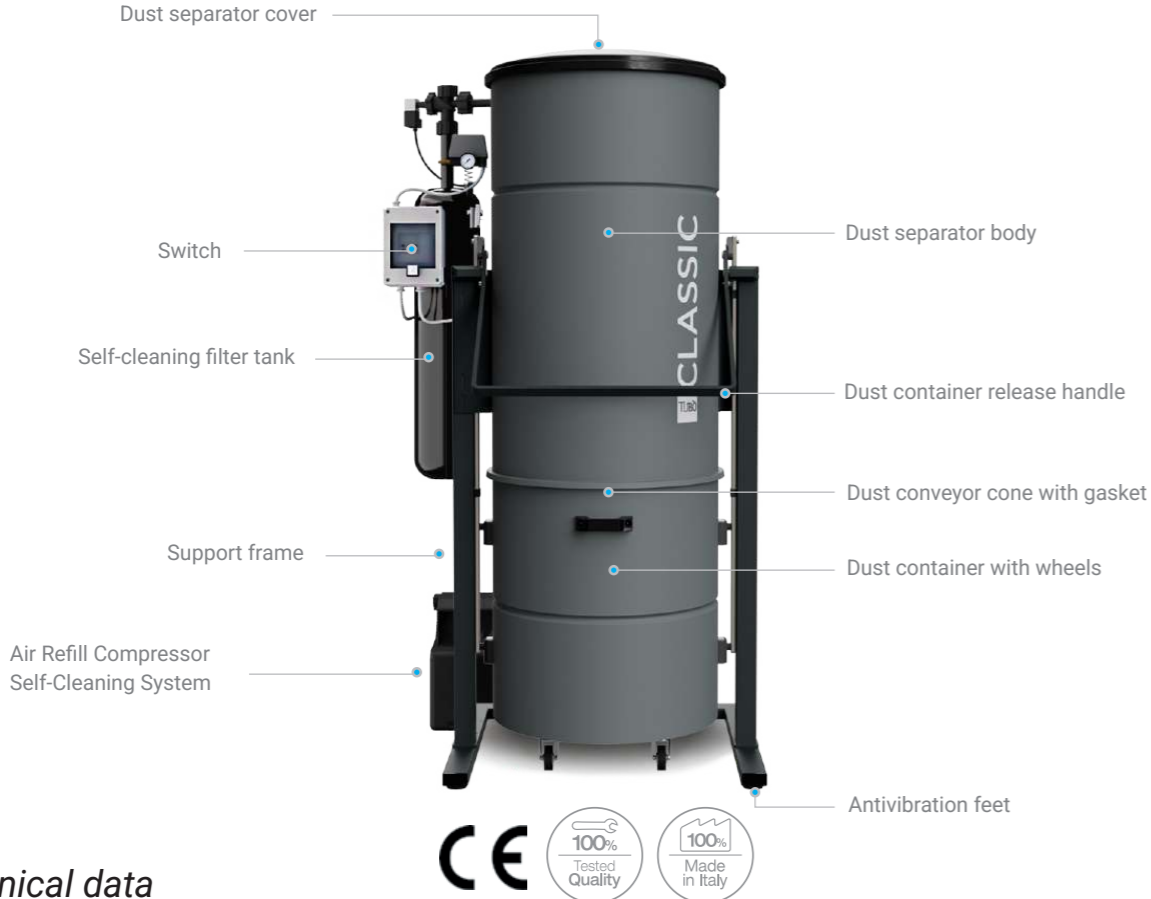
The separators of the tertiary modular line are available in two versions:
with Air Cleaning self-cleaning
without self-cleaning Air Cleaning.

The Air Cleaning self-cleaning model can be supplied with an onboard air compressor or with a connection system to an auxiliary compressed air line. The versions with the filter self-cleaning device ensure maximum performance with minimal maintenance; they also

allow the filter self-cleaning cycles to be programmed via a timer, based on the filter's saturation level.

It is a compressed-air filter cleaning system through a Programmable and automatic "Venturi" system for the filter cartridge, which considerably lowers the interventions of maintenance, keeping a high vacuum efficiency of the central vacuum unit for a long time.

They are sized to fulfill The needs for dust collection from 4 to 6 contemporary operators (standard cleaning hose Ø32);



Technical data

Models		LT 150 AC	LT 150 AC AUX	LT 150	LT 100 AC	LT 100 AC AUX	LT 100
Commercial code		CI258	CI258.1	CI251	CI242	CI242.1	CI232
Operators at the same time (max)	n°	6*	6*	6*	4*	4*	4*
Filter cartridge surface area	cm²	78.000	78.000	51.600	35.000	35.000	35.000
Filter cartridge material		polyester	polyester	polyester	polyester	polyester	polyester
Air Cleaning self-cleaning system		YES	YES	-	YES	YES	-
Air compressor		YES	NO	-	YES	NO	-
Auxiliary compressed air line connection	bar	NO	YES	-	NO	YES	-
Self-cleaning panel power supply	Volt	12	12	-	12	12	-
Minimum operating vacuum	bar	> 4	> 4	-	> 4	> 4	-
Separator diameter	cm	56	56	56	46	46	46
Dust inlet diameter / air outlet diameter	mm	100	100	100	80	80	80
Dust container capacity	litri	150	150	150	100	100	100
Dimensions Central power unit installation	cm	91x78x175	91x78x175	76x78x175	81x78x175	81x78x175	76x78x175
Weight	kg	80	75	75	80	75	68

* Using a Ø 32 flexible hose, 9 metres long

Classic Separators with Air Cleaning Self-Cleaning System

	CI258	Classic Separator LT 150 with Air Cleaning Self-Cleaning System
	CI258.1 new	Classic Separator LT 150 with Air Cleaning AUX Self-Cleaning System with Auxiliary Compressed Air Line Connection
	CI242	Classic Separator LT 100 with Air Cleaning Self-Cleaning System
	CI242.1 new	Classic Separator LT 100 with Air Cleaning AUX Self-Cleaning System with Auxiliary Compressed Air Line Connection

Classic Separators without Self-Cleaning System












	CI251	Classic Separator LT 150
	CI232	Classic Separator LT 100

Consumable Spare Parts

	CI816	Bags for separators LT100 (CI242 e CI242.1) and LT100 (CI232) (20 pcs pack) Contains protection kit with mask and gloves
	CI820	Bags for separators LT150 (CI258) and LT150 (CI251) (20 pcs pack) Contains protection kit with mask and gloves
	CI870	Washable polyester filter cartridge for LT100 separator (CI232), LT100 (CI242 and CI242.1) Dimensions: 61,3 cm H x Ø27 cm Contains protection kit with mask and gloves
	CI864	Washable polyester filter cartridge for LT150 separator (CI258 and CI251) BIA USGC, LT150 (CI251) Dimensions: 61 cm H x Ø32,5 cm Contains protection kit with mask and gloves
	CI883	Washable polyester filter cartridge for LT150 separator (CI251) Dimensions: 68,5 cm H x Ø35 cm Contains protection kit with mask and gloves







Pvc piping and fittings

PVC plant material - Traditional system Ø 50 - 63 - 80 - 100

			Q.ty per pack
	TR050	PVC pipe Ø 50, 2.1mm thick, 2m bar (per m)	10
	TR060	PVC pipe Ø 63, 3mm thick, 2m bar (per m)	2
	TR080	PVC pipe Ø 80, 3mm thick, 2m bar (per m)	2
	TR100	PVC pipe Ø 100, 3mm thick, 2m bar (per m)	2
	TR051	45° MF PVC elbow Ø 50	10
	TR061	45° MF PVC elbow Ø 63	30
	TR081	45° MF PVC elbow Ø 80	1
	TR101	45° MF PVC elbow Ø 100	1
	TR052	45° FF PVC elbow Ø 50	10
	TR062	45° FF PVC elbow Ø 63	30
	TR082	45° FF PVC elbow Ø 80	1
	TR102	45° FF PVC elbow Ø 100	1
	TR055	90° FF PVC elbow Ø 50	10
	TR053	45° MF PVC y-connector Ø 50	10
	TR063	45° MF PVC y-connector Ø 63	20
	TR083	45° MF PVC y-connector Ø 80	1
	TR103	45° MF PVC y-connector Ø 100	1
	TR054	45° FF PVC y-connector Ø 50	10
	TR064	45° FF PVC y-connector Ø 63	15
	TR084	45° FF PVC y-connector Ø 80	1
	TR104	45° FF PVC y-connector Ø 100	1
	TR210	PVC sleeve with head Ø 50	10
	TR215	PVC sleeve with head Ø 63	20
	TR225	PVC sleeve with head Ø 80	1
	TR230	PVC sleeve with head Ø 100	1
	TR265	PVC eccentric conical increase adapter Ø 50F/63M	1
	TR275	PVC eccentric conical increase adapter Ø 63F/80M	1
	TR285	PVC eccentric conical increase adapter Ø 80F/100M	1
	TR250	PVC concentric conical increase adapter Ø 50F/82F for air vent grill	1
	TR260	PVC concentric conical increase adapter Ø 82F/100F for air vent grill	1
	TR310	PVC air vent grill Ø 82	1
	TR315	PVC air vent grill Ø 100	1
	TR335	PVC screw-on inspection cap Ø 50	1
	TR340	PVC screw-on inspection cap Ø 63	1
	TR350	PVC screw-on inspection cap Ø 80	1
	TR355	PVC screw-on inspection cap Ø 100	1

Metal piping and fittings

Metal pipes and fittings Ø 50 - 60 - 80 - 100

Pipes			Q.ty per pack
	TRM050	Aluminium pipe Ø 50, 2mm thick, 3m bars (per m)	3mt
	TRM060	Aluminium pipe Ø 60, 2mm thick, 3m bars (per m)	3mt
	TRM080	Aluminium pipe Ø 80, 2mm thick, 3m bars (per m)	3mt
	TRM100	Aluminium pipe Ø 100, 2mm thick, 3m bars (per m)	3mt
Curves			Q.ty per pack
	TRM052	Galvanized steel 90° elbow Ø 50, 1.2mm thick	1
	TRM062	Galvanized steel 90° elbow Ø 60, 1.2mm thick	1
	TRM082	Galvanized steel 90° elbow Ø 80, 1.2mm thick	1
	TRM102	Galvanized steel 90° elbow Ø 100, 1.2mm thick	1
	TRM051	Galvanized steel 45° elbow Ø 50	1
	TRM061	Galvanized steel 45° elbow Ø 60	1
	TRM081	Galvanized steel 45° elbow Ø 80	1
	TRM101	Galvanized steel 45° elbow Ø 100	1
Y-connectors			Q.ty per pack
	TRM053	Galvanized steel 45° y-connector Ø 50/50/50	1
	TRM063	Galvanized steel 45° y-connector Ø 60/60/60	1
	TRM084	Galvanized steel 45° y-connector Ø 80/80/60	1
	TRM083	Galvanized steel 45° y-connector Ø 80/80/80	1
	TRM104	Galvanized steel 45° y-connector Ø 100/100/80	1
	TRM103	Galvanized steel 45° y-connector Ø 100/100/100	1
Reductions			Q.ty per pack
	TRM240	Galvanized steel reduction adapter Ø 60/50	1
	TRM255	Galvanized steel reduction adapter Ø 80/60	1
	TRM262	Galvanized steel reduction adapter Ø 100/60	1
	TRM260	Galvanized steel reduction adapter Ø 100/80	1
Sleeves			Q.ty per pack
	TR213	Radior sleeve Ø 50	1
	TR216	Radior sleeve Ø 60	1
	TR217	Radior sleeve Ø 63	1
	TR226	Radior sleeve Ø 80	1
	TR231	Radior sleeve Ø 100	1

Antistatic joint			
Antistatic joint L (short)			Q.ty per pack
	TRM450	Antistatic Steel Joint Ø 100X50	1
	TRM460	Antistatic Steel Joint Ø 100X60	1
	TRM480	Antistatic Steel Joint Ø 100X80	1
Antistatic joint M (long)			
	TRM410	Antistatic Steel Joint Ø 100X150	1
Caps			
			Q.ty per pack
	TRM340	Galvanized steel closing cap Ø 60	1
	TRM350	Galvanized steel closing cap Ø 80	1
	TRM355	Galvanized steel closing cap Ø 100	1
Clamps			
			Q.ty per pack
	CF450	Metal clamps Ø 50	1
	CF460	Metal clamps Ø 60-63	1
	CF480	Metal clamps Ø 80	1
	CF410	Metal clamps Ø 100	1
Miscellaneous			
			Q.ty per pack
	TR218	PVC bushing for pipe from Ø 60 to Ø 63	1

Metal Piping and Fittings for Air Exhaustion*

Use in industrial plants and outdoors, or where grounding is required for the dissipation of electrostatic discharges

*Pipe not suitable for air suction.

Tubi			
			Q.ty per pack
	A900006	Galvanized steel helically wound pipe Ø 80, 3m bars (per m)	3 mt
	A900030	Galvanized steel helically wound pipe Ø 100, 3m bars (per m)	3mt
	A900010	Galvanized steel helically wound pipe Ø 160, 3m bars (per m)	3mt
Curve			
			Q.ty per pack
	A900222	Pressed galvanized steel MM 90° elbow, Ø 80, with gaskets	1
	A900224	Pressed galvanized steel MM 90° elbow, Ø 100, with gaskets	1
	A900230	Pressed galvanized steel MM 90° elbow, Ø 160, with gaskets	1

Derivazioni			
			Q.ty per pack
	A900223	Pressed galvanized steel MM 45° elbow, Ø 80, with gaskets	1
	A900202	Pressed galvanized steel MM 45° elbow, Ø 100, with gaskets	1
	A900210	Pressed galvanized steel MM 45° elbow, Ø 160, with gaskets	1
Manicotti			
			Q.ty per pack
	A901076	Pressed galvanized steel MM 45° y-connector, Ø 100/100, with gaskets	1
	A900930	Pressed galvanized steel MM 45° y-connector, Ø 160/160, with gaskets	1
Aumenti			
			Q.ty per pack
	A901350	Galvanized steel FF sleeve joint Ø 80	1
	A901355	Galvanized steel FF sleeve joint Ø 100	1
	A901372	Galvanized steel FF sleeve joint Ø 160	1
	A901320	Galvanized steel MM sleeve joint Ø 80, with gaskets	1
	A901308	Galvanized steel MM sleeve joint Ø 100, with gaskets	1
	A901305	Galvanized steel MM sleeve joint Ø 160, with gaskets	1
Valvole manuali a sfera			
			Q.ty per pack
	A901560	Pressed galvanized steel eccentric MM increase adapter Ø 80/100, with gaskets	1
	A901552	Pressed galvanized steel eccentric MM increase adapter Ø 100/160, with gaskets	1
	A901594	Pressed galvanized steel eccentric MM increase adapter Ø 125/160, with gaskets	1
	VC110	Manual ball valve for PVC pipe Ø 50	1
	VC120	Manual ball valve for PVC pipe Ø 63	1
	VC135	Manual ball valve for PVC pipe Ø 80	1
	VC140	Manual ball valve for PVC pipe Ø 100	1
Serrande			
			Q.ty per pack
	VT110	REI180 fire damper with collar for PVC pipe Ø 50	1
	VT120	REI180 fire damper with collar for PVC pipe Ø 63	1
	VT130	REI180 fire damper with collar for PVC pipe Ø 80	1
	VT140	REI180 fire damper with collar for PVC pipe Ø 100	1

Central power unit installation diagrams

2 operators

KOMPATTA KT

Recommended technical compartment size cm. 200x200

Minimum compartment height cm. 220

CONFIGURATION 1

Code	Description	Q.ty
A KT20A	Kompatta KT20A central unit with Air Cleaning self-cleaning system	1
B CI385	Plastic muffler Ø 80	1

CONFIGURATION 2

Code	Description	Q.ty
A KT20	Kompatta KT20 central unit	1
B CI385	Plastic muffler Ø 80	1

Dust inlet - PVC pipe Expulsion - PVC pipe

3 operators

KOMPATTA KT

Recommended technical compartment size cm. 200x200

Minimum compartment height cm. 220

CONFIGURATION 1

Code	Description	Q.ty
A KT30A	Kompatta KT30A central unit with Air Cleaning self-cleaning system	1
B CI380	Metal muffler Ø 80	1

CONFIGURATION 2

Code	Description	Q.ty
A KT30	Kompatta KT30 central unit	1
B CI380	Metal muffler Ø 80	1

Dust inlet - PVC pipe Expulsion - metal pipe

3 operators

TERTIARY MODULAR LINE

Recommended technical compartment size 300x250 cm

Minimum compartment height cm. 220

CONFIGURATION 1

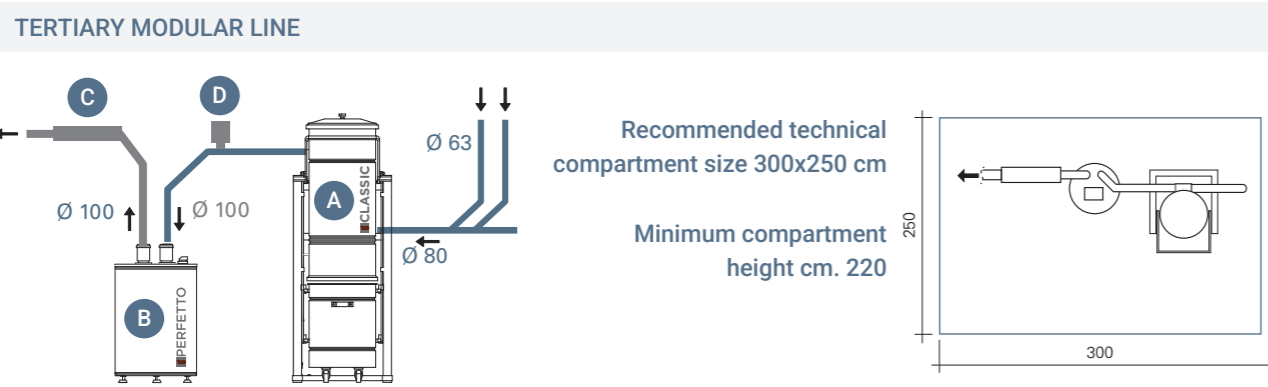
Code	Description	Q.ty
A CI232	Classic Dust Separator Lt. 100	1
B TR30S-T	Perfetto TR30S-T suction module with manual pressure adjustment	1
C CI390	Metal muffler Ø 100	1
D CI320	Compensation valve Ø 63 for CLASSIC line	1

CONFIGURATION 2

Code	Description	Q.ty
A CI242	Classic Dust Separator Lt. 100 with Air Cleaning self-cleaning system	1
B TR30S-T	Perfetto TR30S-T suction module with manual pressure regulation	1
C CI390	Metal muffler Ø 100	1
D CI320	Compensation valve Ø 63 for CLASSIC line	1

Dust inlet - PVC pipe Expulsion - metal pipe

4 operators



CONFIGURATION 1

Code	Description	Q.ty
A	CI232	Classic Dust Separator Lt. 100
B	T40INV	PPerfetto T40INV suction module with automatic pressure regulation and inverter
C	CI390	Metal muffler Ø 100
D	CI325	Compensation valve Ø 80 for CLASSIC line

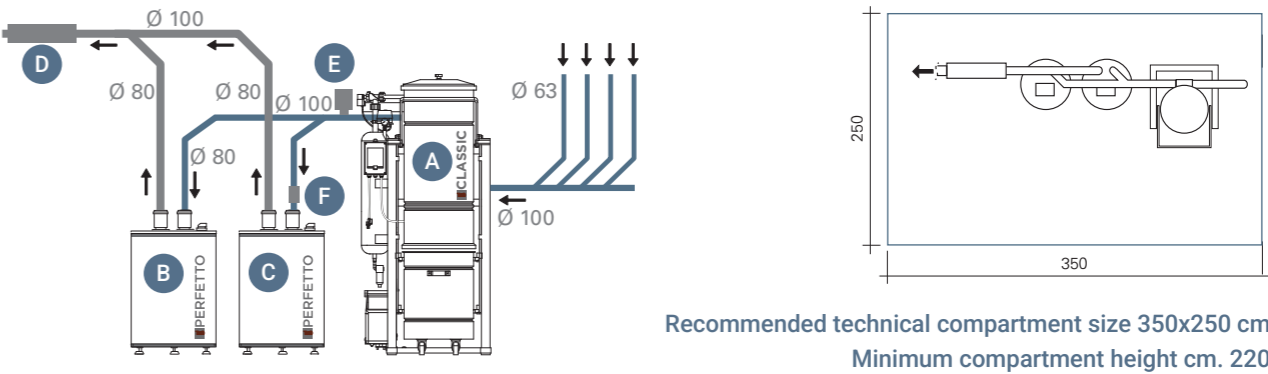
CONFIGURATION 2

Code	Description	Q.ty
A	CI242	Classic Dust Separator Lt. 100 with Air Cleaning self-cleaning system
B	T40INV	Perfetto T40INV suction module with automatic pressure regulation and inverter
C	CI390	Metal muffler Ø 100
D	CI325	Compensation valve Ø 80 for CLASSIC line

— Dust inlet - PVC pipe — Expulsion - metal pipe

5 operators

TERTIARY MODULAR LINE



CONFIGURATION 1

Code	Description	Q.ty
A	CI251	Classic Dust Separator Lt. 150
B	T30INV	Perfetto T30INV suction module with automatic pressure regulation and inverter
C	TR20S-T	Perfetto TR20S-T suction module with manual pressure adjustment
D	CI390	Metal muffler Ø 100
E	CI325	Compensation valve Ø 80 for CLASSIC line
F	CI581	Check valve for TR20S

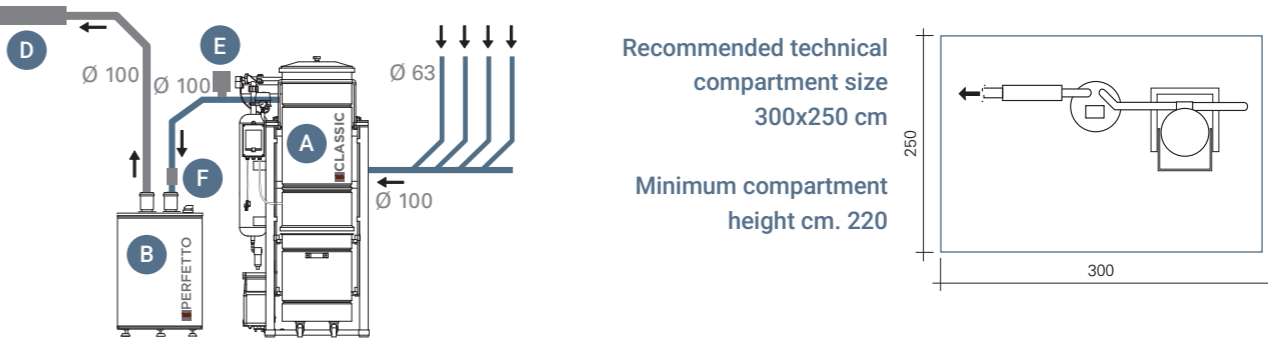
CONFIGURATION 2

Code	Description	Q.ty
A	CI258	Classic Dust Separator Lt. 150 with Air Cleaning self-cleaning system
B	T30INV	Perfetto T30INV suction module with automatic pressure regulation and inverter
C	TR20S-T	Perfetto TR20S-T suction module with manual pressure adjustment
D	CI390	Metal muffler Ø 100
E	CI325	Compensation valve Ø 80 for CLASSIC line
F	CI581	Check valve for TR20S

— Dust inlet - PVC pipe — Expulsion - metal pipe

6 operators

TERTIARY MODULAR LINE



CONFIGURATION 1

Code	Description	Q.ty
A	CI251	Classic Dust Separator Lt. 150
B	T60INV	Perfetto T60INV suction module with automatic pressure regulation and inverter
C	CI390	Metal muffler Ø 100
D	CI340	Compensation valve Ø 100

CONFIGURATION 2

Code	Description	Q.ty
A	CI258	Classic Dust Separator Lt. 150 with Air Cleaning self-cleaning system
B	T60INV	Perfetto T60INV suction module with automatic pressure regulation and inverter
C	CI390	Metal muffler Ø 100
D	CI340	Compensation valve Ø 100

new

X-Pert Smart



A perfect professional line to answer To high performance demands

X-PERT SMART is designed to be used in the residential sector of large surfaces or in the commercial sector for multi-user systems.

The **filter cartridge**, installed on all models, is made of polyester with a filtering surface area of **25.000 cm²**, ensuring high filtering performance and long life. Particularly suitable for villas, offices, laboratories, catering and hospitality, the control unit **can be used by one or three simultaneous operators**.

The **Side Channel Blower** guarantees high performance and continuous work for a long time.

The **self-cleaning system**, standard on all models, considerably reduces filter maintenance and allows the unit to operate at optimal performance, improving efficiency and ensuring operational continuity over time.

Everything under control with the App:

Thanks to the **Aertecnica Device App**, you can turn the unit on and off at any time, directly from your **smartphone** or **tablet**. The remote control allows you to view and reset the filter saturation level and dust container capacity, adjust the suction power, monitor the operating pressure, and monitor the operating times. It also allows **Customer Service** to interact directly with the control unit in the event of anomalies.



A

- Air exhaustion
- Air flow division plate for motor cooling
- General on/off switch
- Soft Start Electronic board
- Temperature sensor
- Control Panel with AVI Display
- Inverter (only on RT2AS – RT2MAS - RT3AS models).
- Compensation valve for pressure adjustment only provided with model RT1AS
- MODBUS communication system
- Side channel blower (Motor)

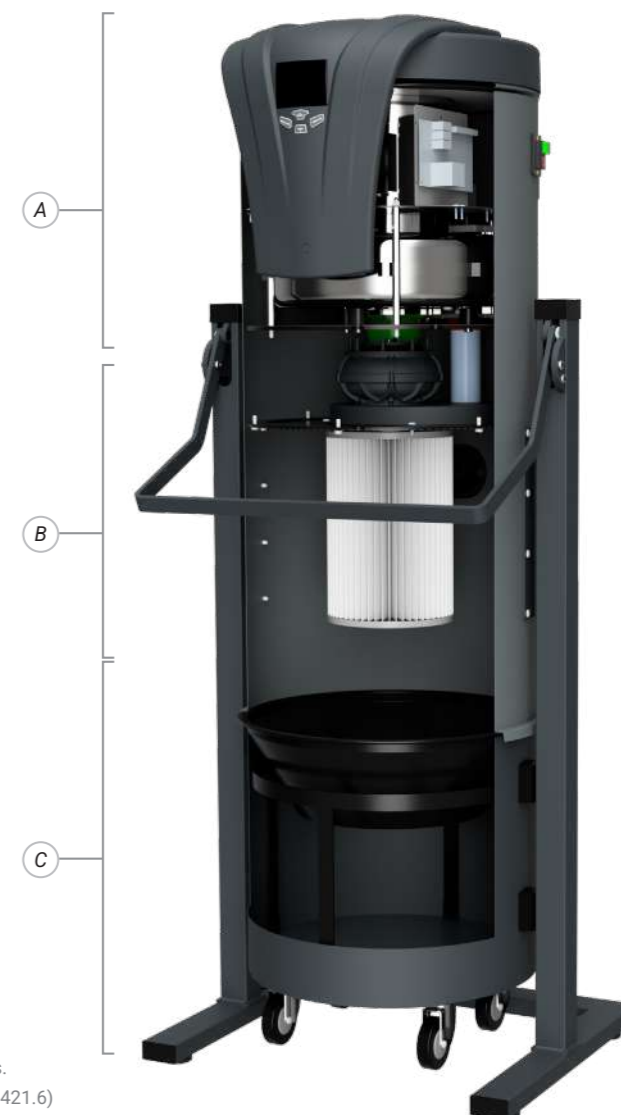
B

- APF System*
- Washable polyester filter cartridge
- Left/right reversible dust inlet
- Filter cartridge fastening knob
- Handle for opening/closing of "Quick Scroll" dust container

C

- Deflector cone with seal
- Bag Tensioner
- Dust collection bag
- "Quick Scroll" dust container with wheels
- Anti-vibration base

* If the vacuum system is activated during the scheduled filter self-cleaning cycle (APF System), the central vacuum unit restart time will be approximately 30 seconds.
APF System, Filter Self-Cleaning System, patented (Europe Patent Pending no. 06793421.6)



APF System

Self-cleaning filter system
Aertecnica patent IT1397753



The APF system is an innovative and patented system that uses vibration to reduce the deposit of dust and the clogging of the filter cartridge. The self-cleaning system it is self-powered by the vacuumed air, it has no additional electrical consumption. While the machine is working, variably, based on the air intake, one turbine drives one weight which creates a vibrations in the filter cartridge with the consequent reduction of the dust deposit that clog it. Reduces maintenance interventions on the filter and guarantees suction capacity at optimal levels for longer.



Model	RT1AS	Model	RT2AS	Model	RT2MAS	Model	RT3AS
Code	CIRT10AS	Code	CIRT20AS	Code	CIRT20MAS	Code	CIRT30AS
Recommended surface up to (up to m2)	1.500	Recommended surface up to (up to m2)	2.000	Recommended surface up to (up to m2)	2.000	Recommended surface up to (up to m2)	3.000
Recommended Pratico Smart socket	15	Recommended Pratico Smart socket	15	Recommended Pratico Smart socket	-	Recommended Pratico Smart socket	15
Recommended sockets Traditional system	30	Recommended sockets Traditional system	40	Recommended sockets Traditional system	40	Recommended sockets Traditional system	50
<i>N° Simultaneous operators</i>	<i>1</i>	<i>N° Simultaneous operators</i>	<i>2</i>	<i>N° Simultaneous operators</i>	<i>2</i>	<i>N° Simultaneous operators</i>	<i>3</i>

Codice	Descrizione
CIRT10AS	X-PERT SMART central power unit RT1AS - 2,2 kW - 380V three-phase with APF System
CIRT20AS	X-PERT SMART central power unit RT2AS - 3,0 kW - 380V three-phase with APF System
CIRT20MAS	X-PERT SMART central power unit RT2MAS - 2,6 kW - 230V SINGLE-PHASE with APF System
CIRT30AS	X-PERT SMART central power unit RT2AS - 4,8 kW - 380V three-phase with APF System

Style, technology and high performances

The X-PERT SMART line combines the highest technical and functional advantages with elegance of design and reduced maintenance. A synthesis that combines perfectly technical needs with functionality and controls simplicity through the on-board display and remote monitoring devices applicable to it.

Low maintenance, simplified and safe APF device

The exclusive patented APF device is an automatic and programmable filter cartridge cleaning system, which significantly reduces maintenance

interventions maintaining for a long time a high vacuum efficiency of the central vacuum unit.aspirante della centrale.

Design

A charming and captivating style with sharp lines that express strength and reliability from the first look. Authentic beauty, beyond any trend, durability and high-quality materials.

Easy to install

The design of the X-PERT SMART line was built with great attention to assure an easy installation.

The dust inlet is reversible on both sides and the air exhaustion it's on top

of the machine, allowing for maximum flexibility and simplicity of installation, whatever the positioning of the central vacuum unit, with possibilities connection of the pipes both on the right side than on the left.

Soft Start, Plug & Play connection and auto setting


Soft start, present also in the X-PERT SMART line, allows longer life of the electrical and electronic components and reduction of consumption.

The electrical connection of the central vacuum unit is Plug & Play, very simple and intuitive.


The control unit programs itself in auto setting on first activation.

Models		RT1AS	RT2MAS	RT2AS	RT3AS
Commercial code		CIRT10AS	CIRT20MAS	CIRT20AS	CIRT30AS
Number of simultaneous operators *	n°	1	2	2	3
Number of Pratico Smart sockets	n°	15	15	-	15
Number of Traditional sockets	n°	30	40	40	50
Power supply	Volt (Vac)	380/400	220/240	380/400	380/400
Frequency	Hz	50/60	50/60	50/60	50/60
Maximum absorption	A	6,5	11,2	6,5	8
Motor rpm	rpm	2.900	3.600	3.900	4.500
Motor power	W	2.200	2.600	3.000	4.800
Turbine stages	n°	1	1	1	1
Vacuum power	Air Watts	875	1.230	1.440	1.750
Max depression	mBar	370	370	370	370
Max air flow	m³/h	345	420	445	535
Inverter	-	No	Yes	Yes	Yes
Soft Start starting	-	No	Yes	Yes	Yes
Sockets supply	Volt (Vcc)	12	12	12	12
Self cleaning system	-	Yes	Yes	Yes	Yes
Filter cartridge surface	cm²	25.000	25.000	25.000	25.000
Filter cartridge material	-	polyester lavabile	polyester lavabile	polyester lavabile	polyester lavabile
Dust container capacity	litres	66	66	66	66
Central vacuum diameter	cm	46	46	46	46
Central vacuum height	cm	161	161	161	161
Weight	kg	99	100	100	102
Dust inlet diameter	Ø	80	80	80	80
Air exhaust diameter	Ø	80	80	80	80
Compensation valve	-	Yes	-	-	-
Noise	dB	<70	<70	<70	<70
Recommended surface	m²	1.500	2.000	2.000	3.000
Led display	-	Yes	Yes	Yes	Yes
* only for traditional vacuum system Ø50					

Additional accessories

	CI380	Metal muffler Ø 80 (h 70 cm - Ø 17 cm)
	CI385	Plastic muffler Ø 80 (h 56 cm - Ø 15 cm)

Consumable parts

	CI825	Bags for X-PERT SMART RT1AS, RT2MAS, RT2AS, RT3AS central units (20 pcs pack)
	CI885	Washable polyester filter cartridge for X-PERT SMART RT1AS, RT2MAS, RT2AS, RT3AS Dimensions: 31cm H x Ø20 cm * Contains protection kit with mask and gloves



SMART VACUUM NET INTEGRATED SYSTEM THE ECOSYSTEM THAT IMPROVES INDOOR WELL-BEING



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