



Smart Vacuum Net

CATALOGUE 2026

FOR TERTIARY SECTOR



 **AERTECNICA**<sup>®</sup>  
think clean



# 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.



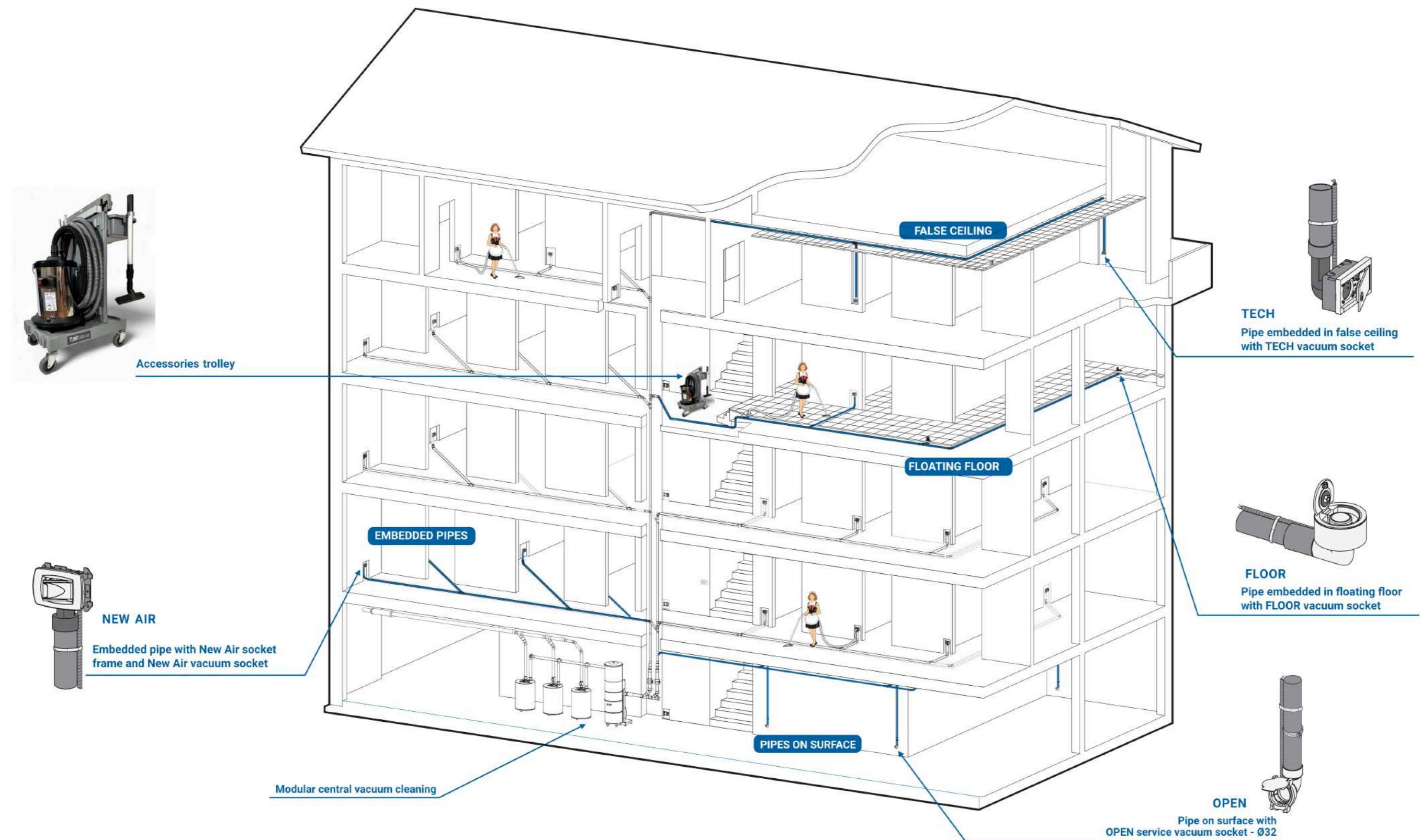
# The TUBÒ vacuum cleaner system for the Terziary Sector

• 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 m<sup>2</sup>). 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.

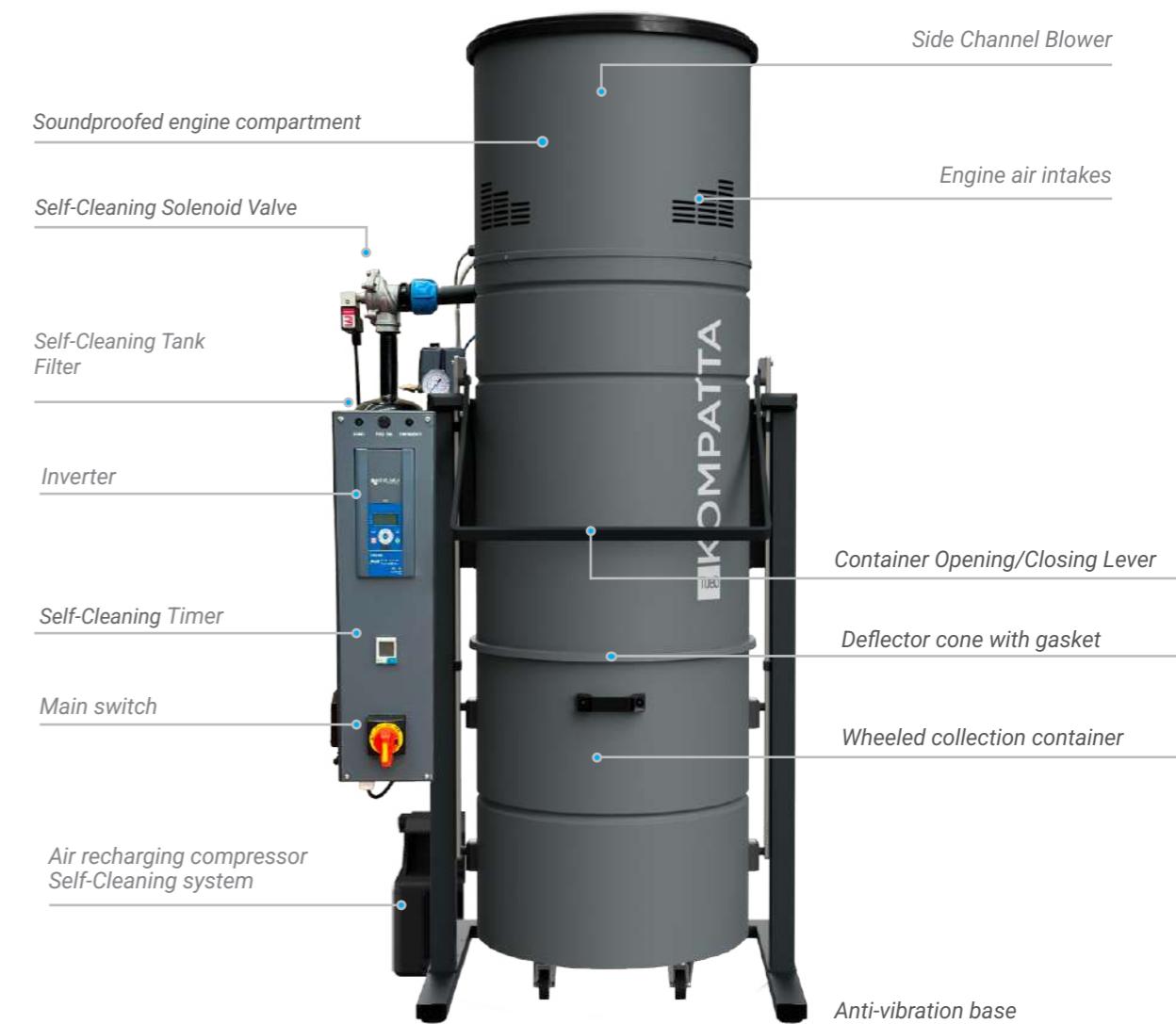
Two versions are available:

**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	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	

#### 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\*  
**new**  
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\*  
**new**  
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	
<b>Code</b>	CIKT30A	CIKT30A.1	CIKT30	CIKT20A	CIKT20A.1	CIKT20	
<b>Simultaneous users (max)</b>	n°	3**	3**	3**	2**	2**	
<b>Self-cleaning Air Cleaning</b>		Yes	Yes	No	Yes	Yes	
<b>Air compressor</b>		Yes	No	No	Yes	No	
<b>Auxiliary air line connection</b>		No	Si	No	No	Yes	
<b>Self-cleaning operating pressure</b>	Bar	>4	>4	-	>4	>4	
<b>Inverter</b>		Yes	Yes	Yes	Yes	Yes	
<b>Power supply Voltage</b>	Volt	380/400	380/400	380/400	380/400	380/400	
<b>Engine power</b>	W	4.800	4.800	4.800	3.000	3.000	
<b>Motor revolutions rpm</b>	rpm	3.500	3.500	3.500	3.500	3.500	
<b>Soft Start</b>		Yes	Yes	Yes	Yes	Yes	
<b>Power supply voltage sockets</b>	Volt	12	12	12	12	12	
<b>Max depression mm</b>	mbar	491	491	491	392	392	
<b>Air flow</b>	m <sup>3</sup> /h	650	650	650	360	360	
<b>Dimensions</b>	LxPxH	92x76x196	92x76x196	92x76x196	92x76x196	92x76x196	
<b>Weight</b>	kg	152	152	152	152	152	
<b>Diameter</b>	Ø (cm)	56	56	56	56	56	
<b>Noise</b>	dB	<70	<70	<70	<70	<70	
<b>Filter cartridge surface</b>	cm <sup>2</sup>	50.000	50.000	50.000	50.000	50.000	
<b>Filter cartridge material</b>		POLYESTER	POLYESTER	POLYESTER	POLYESTER	POLYESTER	
<b>Container capacity</b>	lt	150	150	150	150	150	
<b>Air inlet/outlet diameter</b>	mm	80/80**	80/80**	80/80**	80/80**	80/80**	
<b>Matching silencer</b>		Ø 80 metal	Ø 80 metallo	Ø 80 metal	Ø 80 PVC or metal	Ø 80 PVC or metal	
<b>Short linear exhaust line</b>							

\* 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 cood 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.

### 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

### 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.

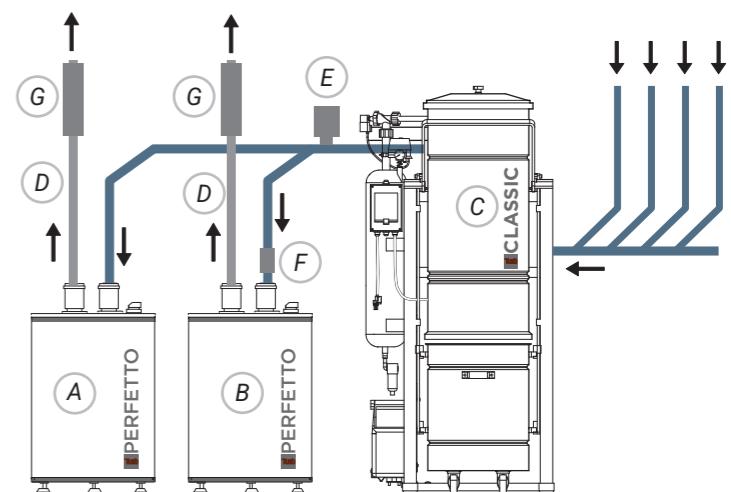
### Soft Start, Plug & play Link and auto-setting

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



# 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

## 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

\* Using a Ø 32 flexible hose, 9 metres long

# 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*
Filter cartridge surface area	cm <sup>2</sup>	78.000	78.000	51.600	35.000	35.000
Filter cartridge material		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
Dust inlet diameter / air outlet diameter	mm	100	100	100	80	80
Dust container capacity	litri	150	150	150	100	100
Dimensions Central power unit installation	cm	91x78x175	91x78x175	76x78x175	81x78x175	81x78x175
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	Classic Separator LT 150 with Air Cleaning AUX Self-Cleaning System with Auxiliary Compressed Air Line Connection <b>new</b>
CI242	Classic Separator LT 100 with Air Cleaning Self-Cleaning System
CI242.1	Classic Separator LT 100 with Air Cleaning AUX Self-Cleaning System with Auxiliary Compressed Air Line Connection <b>new</b>



## 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

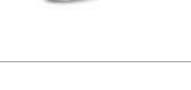
## Pvc piping and fittings

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

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

## Metal Piping and Fittings for Air Exhaustion\*

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

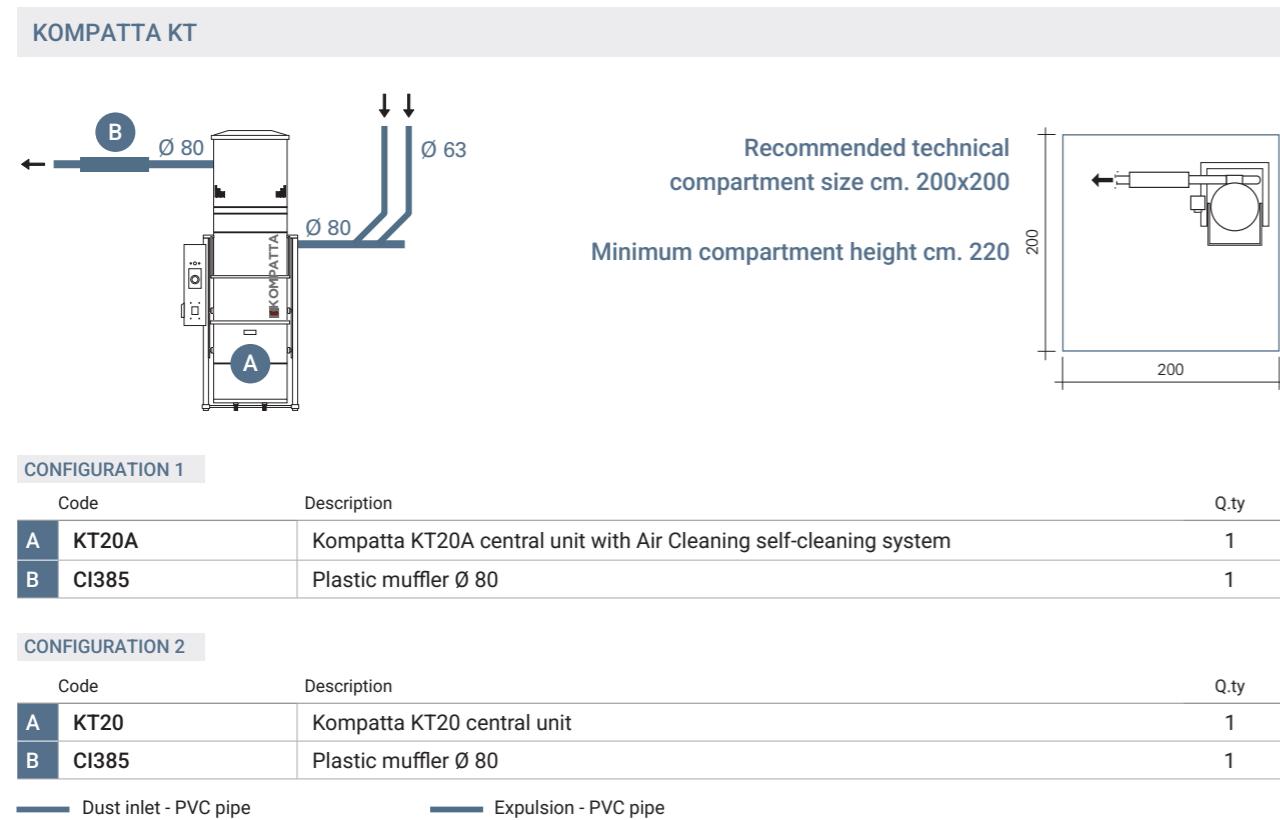
\* Pipe not suitable for air suction.

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

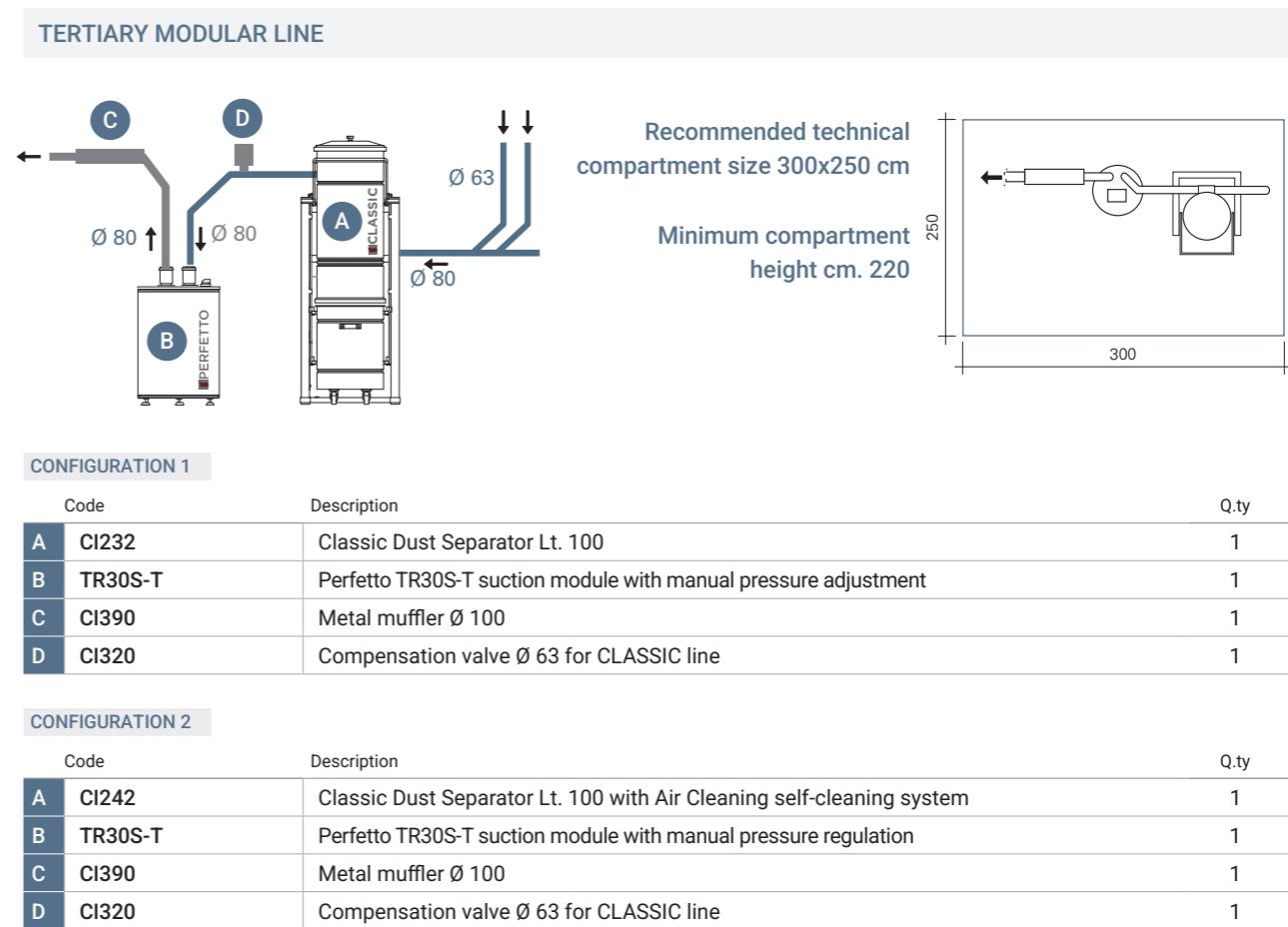
Derivazioni		
	A900223	Pressed galvanized steel MM 45° elbow, Ø 80, with gaskets
	A900202	Pressed galvanized steel MM 45° elbow, Ø 100, with gaskets
	A900210	Pressed galvanized steel MM 45° elbow, Ø 160, with gaskets
Manicotti		
	A901350	Galvanized steel FF sleeve joint Ø 80
	A901355	Galvanized steel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

# Central power unit installation diagrams

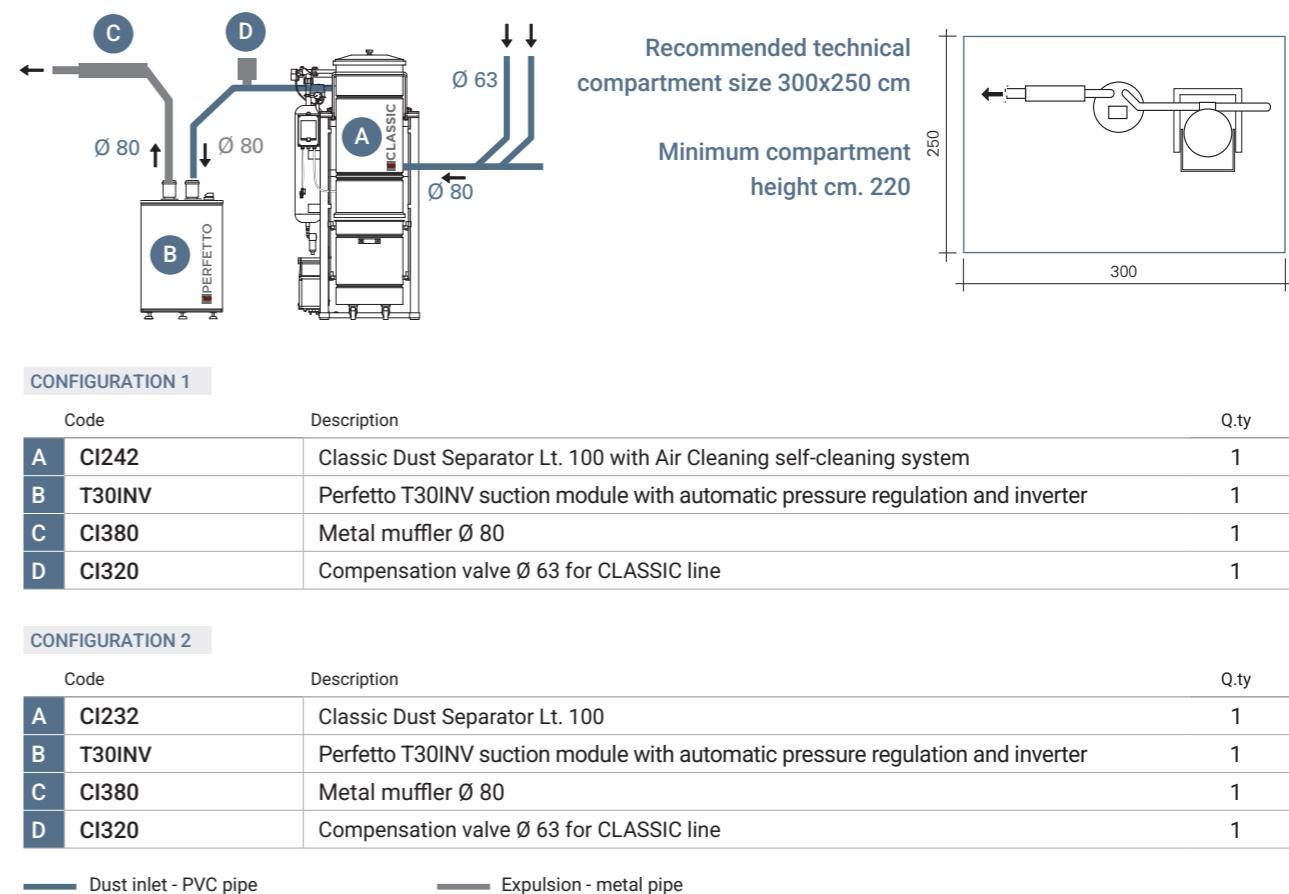
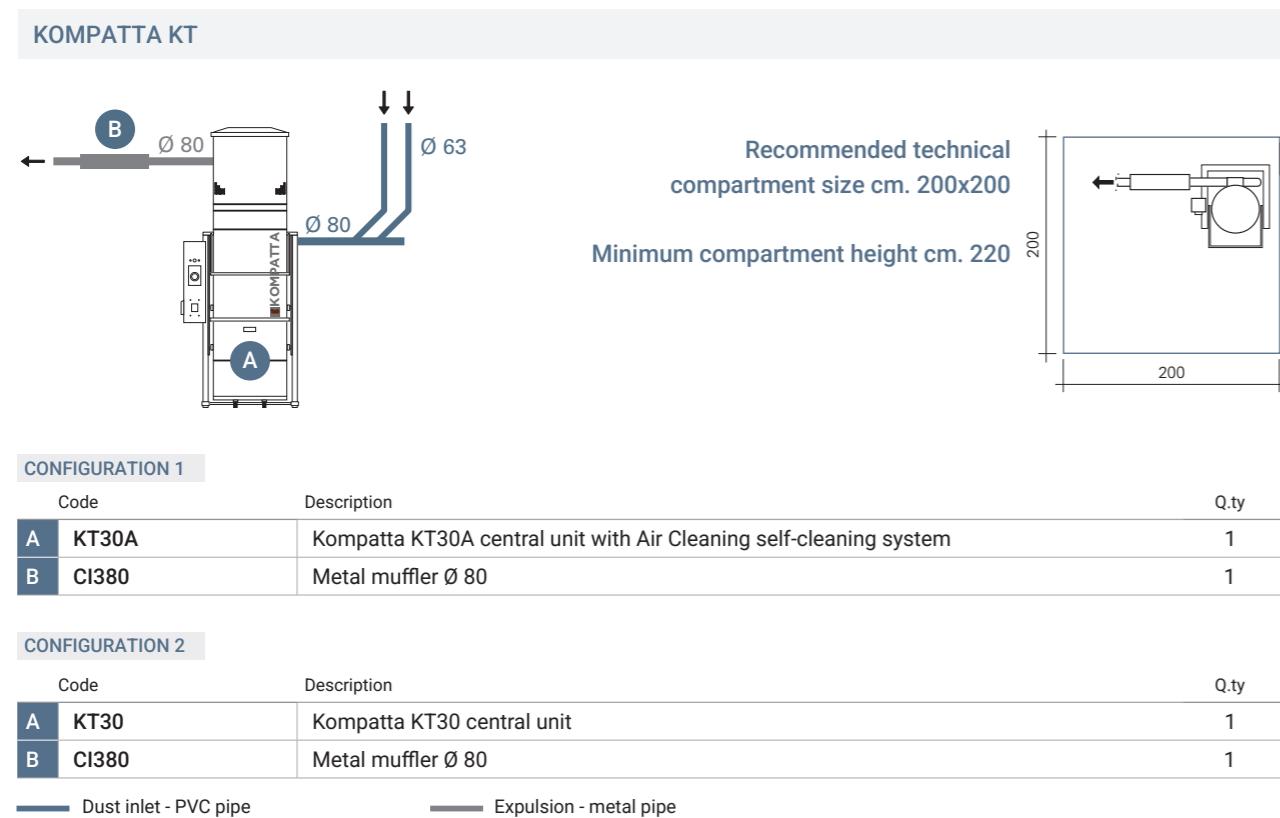
## 2 operators



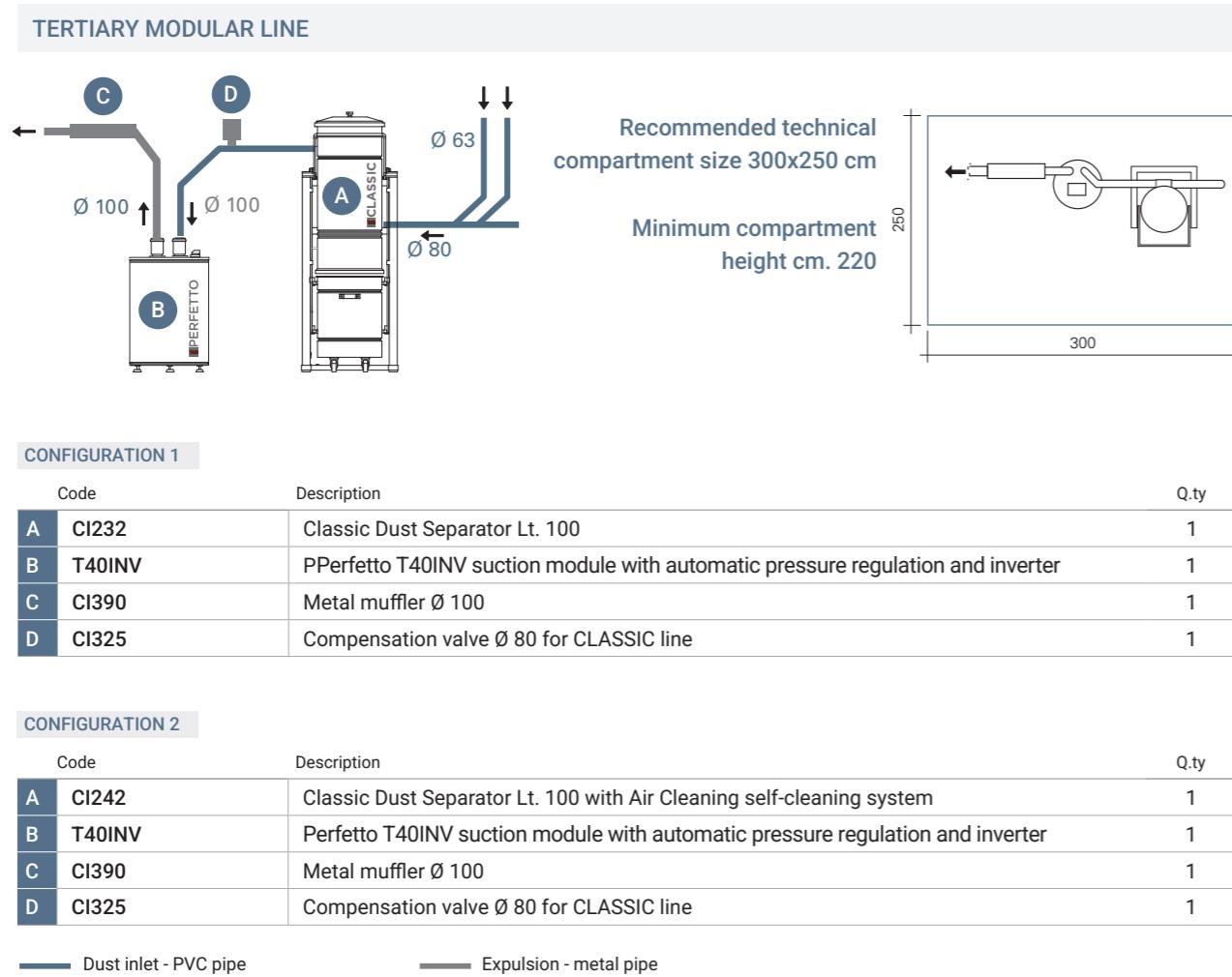
## 3 operators



## 3 operators

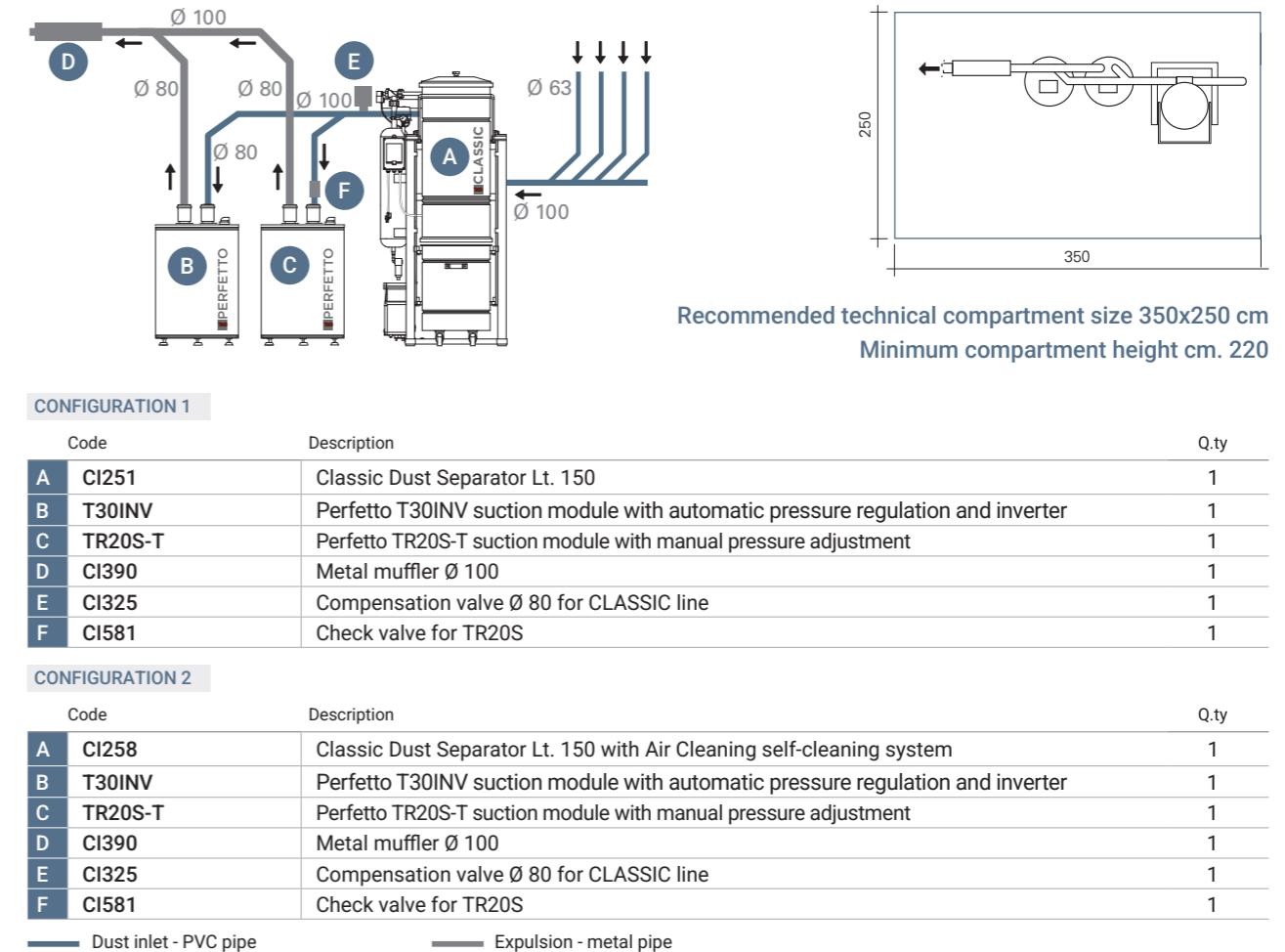


## 4 operators



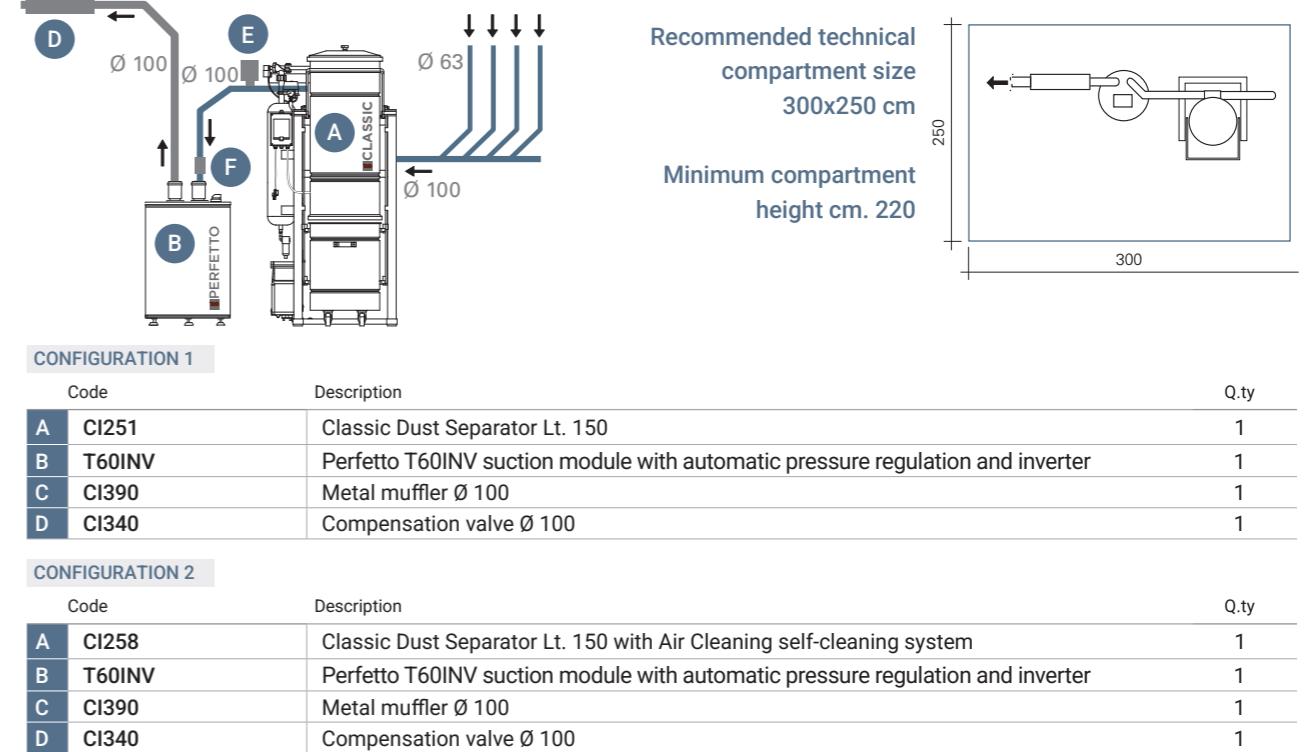
## 5 operators

TERTIARY MODULAR LINE



## 6 operators

TERTIARY MODULAR LINE





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 cm<sup>2</sup>**, 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

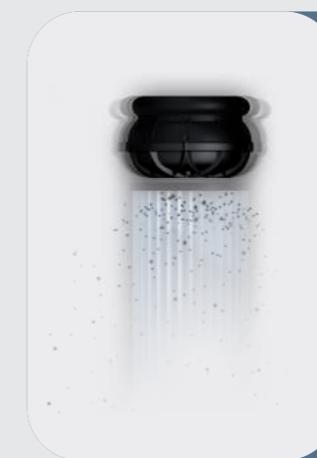
- APF System\*
- Washable polyester filter cartridge
- Left/right reversible dust inlet
- Filter cartridge fastening knob
- Handle for opening/closing of "Quick Scroll" dust container

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 is self-powered by the vacuumed in 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 m <sup>2</sup> )	1.500	Recommended surface up to (up to m <sup>2</sup> )	2.000	Recommended surface up to (up to m <sup>2</sup> )	2.000	Recommended surface up to (up to m <sup>2</sup> )	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
N° Simultaneous operators	1	N° Simultaneous operators	2	N° Simultaneous operators	2	N° Simultaneous operators	3

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
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#### 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	m <sup>3</sup> /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	cm <sup>2</sup>	25.000	25.000	25.000	25.000
Filter cartridge material	-	polyester lavable	polyester lavable	polyester lavable	polyester lavable
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	m <sup>2</sup>	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



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



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