

The new conception of advanced vacuum systems...

TUBO

the advanced
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 **AERTECNICA**
think clean



Something new is in the air at Aertecnica:

TUBO

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Something new is in the air at Aertecnica...



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The new conception of advanced vacuum systems...

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The new conception of advanced vacuum systems...

The new generation of central power units...

Research, innovation, technology, reliability: Aertecnica's history has always been based on the desire to be present on the market with the highest quality products symbolizing the Made in Italy workmanship.



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The new central power units of the Tubò system are completely designed and created with the skills of Italian masters, a philosophy that is the basis of all projects developed in these 25 years of history.



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Consolidated productive procedures and strong commitment to Research and Development also allow us to perfect and test all products whether in technical areas or in functional and aesthetic details.

Simply perfect!



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This is why the new lines: Perfetto Inox TXA and Perfetto TPA (version with APF, filter self-cleaning) , TP - are leading products in the Tubò system and blend Aertecnica standards with the style and harmony that today's demanding market, which has been accustomed to high architectural standards, requests. Just as with the new Classic TC line, it is simplicity converted into technology.

Simply perfect!



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All this results in constant commitment which compares and contrast new technologies on a daily basis, to create a healthier environment and more comfortable living spaces.

Aertecnica: cleaning and well-being for everyone.

Simply perfect!



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Perfetto Line Inox
TXA:
not only beautiful.



Perfetto Line Inox TXA: not only beautiful.



The Perfetto Inox TXA line combines all the technical and functional advantages of the Perfetto TP A – TP line with the elegance of the advanced design and endurance of AISI 304 stainless steel.



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Perfetto Line Inox TXA: not only beautiful.



Purity which responds to the necessary specifications for those who must position the machine externally or in places that present particularly difficult environmental conditions.

The Perfetto Line Inox TXA reaches an optimum balance between technology, design and endurance, thanks to many functional features which help both the installer and the final user.



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Perfetto Line Inox TXA: not only beautiful.



DESIGN:

New stylistic and captivating image with strong lines.

Authentic beauty, functional design and aesthetics that go beyond a simple trend. Resistant material.



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Perfetto Line Inox TXA: not only beautiful.



DOUBLE AIR EXHAUST

(right and left):

A new feature that allows maximum flexibility of installation, regardless of the position of the central power unit.



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Perfetto Line Inox TXA: not only beautiful.



IP ELECTRICAL PROTECTION:

The new TXA central power units are certified with a degree of protection of IP45 and IP55, based on the model.



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Perfetto Line Inox TXA: not only beautiful.



SILENCE:

Thanks to the use of new material and the optimisation of the motor's equipment room, the noise level has been further reduced.



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Perfetto Line Inox TXA: not only beautiful.



Immediate AVI DISPLAY:

Positioned on the front of the central power unit. This is a rational and legible instrument with clear indications that are easily comprehensible thanks to a set of icons and parameters that immediately signal the operational state of the machine.



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MODBUS COMMUNICATION SYSTEM

The new TXA central power units have a MODBUS communication system that can be interfaced with the home automation systems widely found on the market.



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Perfetto Line Inox TXA: not only beautiful.



High degree of RESISTANCE AGAINST ATMOSPHERIC AGENTS:

The central power unit is made out of AISI 304 stainless steel, which not only creates an aesthetic impact, it also eliminates almost all deterioration due to atmospheric agents and wear.



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DUAL DUST INLET:

Possibility of connecting the tubing to the central power unit on both the right and left sides.



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BUILT-IN VACUUM SOCKET:

The new TXA central power units have a built-in vacuum socket on the front of the machine.



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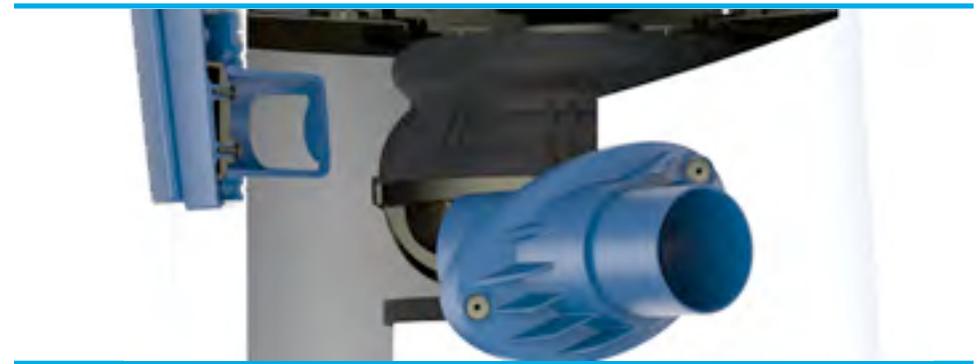
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Perfetto Line Inox TXA: not only beautiful.

APF SYSTEM (Self-cleaning filter) *

An innovative and patented* system that collects dust through vibration, standard equipment for the TXA line. It reduces maintenance work and keeps the central power unit's suction capacity at optimal levels for longer.

* Europe Patent Pending no. 06793421.6

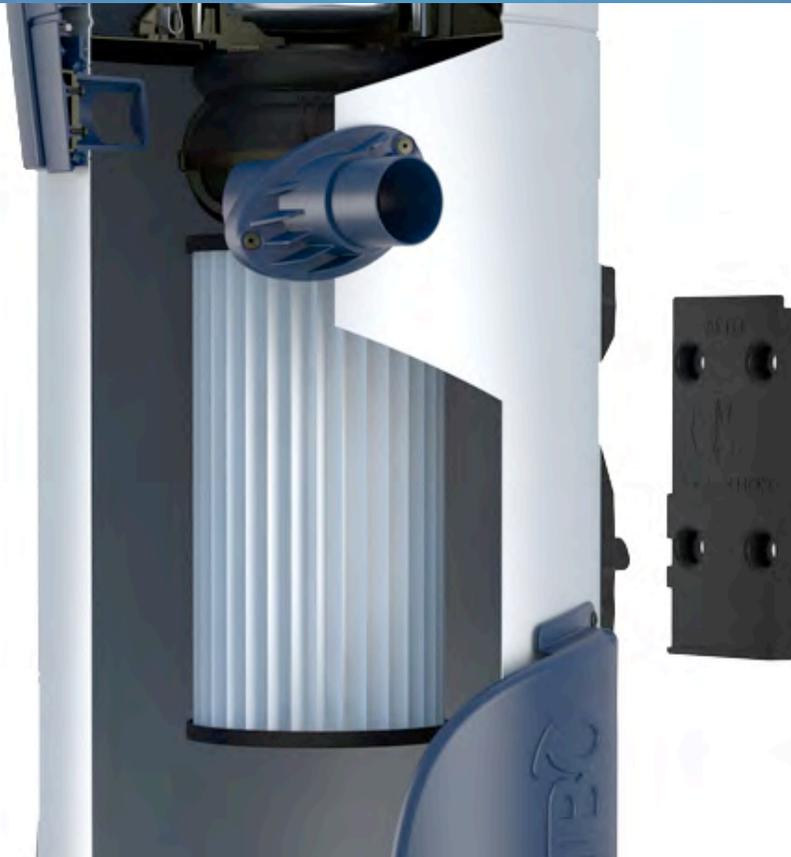


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QUICK FIX BRACKET:

The new bracket with a front hooking system makes it possible to install in very small spaces and improves the stability of the wall mounting

100%
Made in Italy

APF
SYSTEM
ELECTROTECHNICA

IP55*



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Perfetto Line Inox TXA: not only beautiful.

SIDE MULTIFUNCTION POCKETS:

Convenient and practical for storing the installation manual and spare bags. *(not included in model TX1A)*



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Ergonomic handles:

The new handles make it easier to open and unhook the dust container.



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APF
SYSTEM
EFFICIENCY

IP55*



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CLEAN BAG :

Dust collection bags, with an air-tight closing system that completely prevents direct contact with the dust.

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APF
SYSTEM
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IP55*



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DUST container:

A simplified hooking and unhooking system, with the possibility to partially open the container, to activate the *Clean Bag* air-tight closing system.

CLEAN BAG blocking system:

A rapid system for hooking the Clean Bag to the dust container with pressure clips.



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APF
SYSTEM
ECCO-CONNESSIONE

IP55*



Model	TX1A
Code	CMTX1A
Recommended surface m ²	250*
Number of sockets	6*



Code	CMTX3A
Recommended surface m ²	550*
Number of sockets	18*



Model	TX4A
Code	CMTX4A
Recommended surface m ²	700*
Number of sockets	25*

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AerTECNICA combines aesthetics with technical sophistication to satisfy the end user without forgetting installation professionals.



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Perfetto line TPA | TP:

the evolution of the vacuuming concept



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



The Perfetto TPA – TP line represents a new conception of advanced vacuum systems.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



Finally, a versatile user-friendly work instrument born to answer our dynamic and modern customers' functional needs allowing both the installer and the user to interact with the machine in a simple and immediate way.

It is the confirmation of Aertecnica's 25 years of experience that constantly expresses high contents of research and technology, guaranteeing the installers a silent reliable product, rapidly installed and requiring little maintenance.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept

In addition to the current features (tangential inlet, SOFT START starting system, washable filter and temperature sensor), the new Perfetto line TP and TPA offers a series of technical advantages that increase efficiency and improve practicality.

Functionality-oriented design

The Perfetto Line TPA - TP reaches an optimum balance between technology and design, thanks to many functional features that help both the installer and the end user.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



DESIGN:

New stylistic and captivating image with strong lines.

Authentic beauty, functional design and aesthetics that go beyond a simple trend.

Resistant material.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



DOUBLE AIR EXHAUST

(right and left):

A new feature that allows maximum flexibility of installation, regardless of the position of the central power unit.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



IP ELECTRICAL PROTECTION:

The new TPA | TP central power units are certified with a degree of protection of IP45 and IP55, based on the model.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept

SILENCE:

Thanks to the use of new material and the optimisation of the motor's equipment room, the noise level has been further reduced.



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Immediate AVI DISPLAY:

Positioned on the front of the central power unit. This is a rational and legible instrument with clear indications that are easily comprehensible thanks to a set of icons and parameters that immediately signal the operational state of the machine.



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



MODBUS COMMUNICATION SYSTEM:

The new TPA | TP central power units have a MODBUS communication system that can be interfaced with the home automation systems widely found on the market.



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HIGH DEGREE OF RESISTANCE AGAINST ATMOSPHERIC AGENTS:

The central power unit is made from highly resistant material, to which a coating has been applied that is guaranteed and certified for 1000 hours of saline mist. It can also be installed outside.



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DUAL DUST INLET:

Possibility of connecting the tubing to the central power unit on both the right and left sides.



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BUILT-IN VACUUM SOCKET:

The new TPA | TP central power units have a built-in vacuum socket on the front of the machine.



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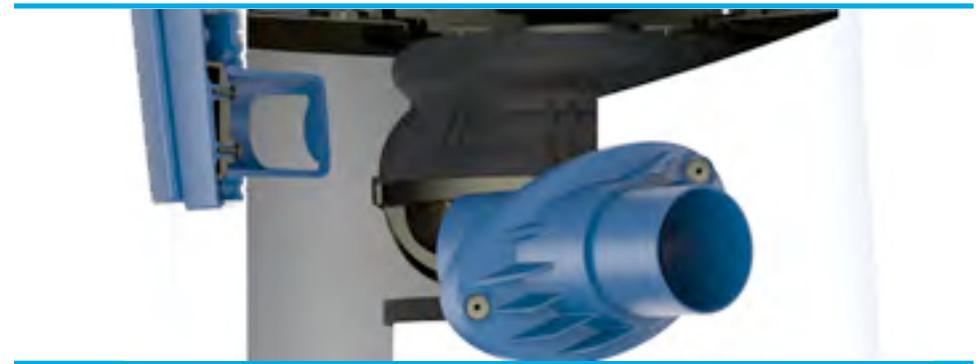
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Perfetto Line TPA | TP: The evolution of the vacuuming concept

APF SYSTEM (Self-cleaning filter)*:

An innovative and patented* system that collects dust through vibration, standard equipment for the TPA line. It reduces maintenance work and keeps the central power unit's suction capacity at optimal levels for longer

- Europe Patent Pending no. 06793421.6
- For TPA models only



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Perfetto Line TPA | TP: The evolution of the vacuuming concept

QUICK FIX BRACKET:

The new bracket with a front hooking system makes it possible to install in very small spaces and improves the stability of the wall mounting



Perfetto Line TPA | TP: The evolution of the vacuuming concept

Side MULTIFUNCTION POCKETS:

Convenient and practical for storing the installation manual and spare bags. (not included in TP1A - TP1 models)



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Ergonomic handles:

The new handles make it easier to open and unhook the dust container.



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CLEAN BAG :

Dust collection bags, with an air-tight closing system that completely prevents direct contact with the dust.



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DUST container:

A simplified hooking and unhooking system, with the possibility to partially open the container, to activate the *Clean Bag* air-tight closing system.

CLEAN BAG blocking system:

A rapid system for hooking the Clean Bag to the dust container with pressure clips.



Perfetto Line TPA | TP: The evolution of the vacuuming concept



Model TP1A | TP1
 Code CMT1A | CMT1
 Recommended surface m² 250*
 Number of sockets 6*

Model TP2A | TP2
 Code CMT2A | CMT2
 Recommended surface m² 400*
 Number of sockets 10*

Model TP3A | TP3
 Code CMT3A | CMT3
 Recommended surface m² 550*
 Number of sockets 18*

Model TP4A | TP4
 Code CMT4A | CMT4
 Recommended surface m² 700*
 Number of sockets 25*



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Perfetto Line TPA | TP: The evolution of the vacuuming concept



Aertecnica combines aesthetics with technical sophistication to satisfy the end user without forgetting installation professionals.



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Classic TC line:

Simple and beautiful.



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IP55*



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Classic TC line: Simple and beautiful.

Aertecnica proposes an affordable range of models suitable for all needs.

The new Classic TC line is a “basic” series, which still guarantees the main technical features essential to the central power units of the Tubò system.



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Classic TC line: Simple and beautiful.



Simplicity unites with Aertecnica standards: The TC Classic is presented in a renewed version and proposes technological innovations already supplied in the most advanced models.



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Classic TC line: Simple and beautiful.



DESIGN:

A new image with a simple design, which maintains the strong lines of the new generation Tubò central power units. Resistant material.



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Classic TC line: Simple and beautiful.



DOUBLE AIR EXHAUST (right and left):

A new feature that allows maximum flexibility of installation, regardless of the position of the central power unit.



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Classic TC line: Simple and beautiful.



IP ELECTRICAL PROTECTION:

The new TC line central power units are certified with a degree of protection of IP45 and IP55, based on the model.



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Classic TC line: Simple and beautiful.



SILENCE:

Thanks to the use of new material and the optimisation of the motor's equipment room, the noise level has been further reduced.



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Classic TC line: Simple and beautiful.

TIMED AVT DISPLAY

Positioned on the front of the central power unit. It is a LED message display that makes it possible to constantly control the operating status of the central power unit.

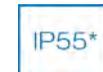


Classic TC line: Simple and beautiful.



MODBUS COMMUNICATION SYSTEM:

The new TC central power units have a MODBUS communication system that can be interfaced with the home automation systems widely found on the market.



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Classic TC line: Simple and beautiful.



HIGH DEGREE OF RESISTANCE AGAINST ATMOSPHERIC AGENTS:

The central power unit is made from highly resistant material, to which a coating has been applied that is guaranteed and certified for 1000 hours of saline mist. It can also be installed outside.



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Classic TC line: Simple and beautiful.

DUAL DUST INLET:

Possibility of connecting the tubing to the central power unit on both the right and left sides.



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Classic TC line: Simple and beautiful.

QUICK FIX BRACKET:

The new bracket with a front hooking system makes it possible to install in very small spaces and improves the stability of the wall mounting.



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Classic TC line: Simple and beautiful.



Ergonomic handles:

The new handles make it easier to open and unhook the dust container.



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Classic TC line: Simple and beautiful.

DUST container:

A simplified hooking and unhooking system.



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Classic TC line: Simple and beautiful.



Model	TC1	TC2	TC3	TC4
Code	CMTC1	CMTC2	CMTC3	CMTC4
Recommended surface m ²	250*	400*	550*	700*
Number of sockets	6*	10*	18*	25*



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Classic TC line: Simple and beautiful.

An ideal solution for the simplest requirements at home or at work.



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Technical chart

		PERFETTO INOX - TXA			PERFETTO TPA TP				CLASSIC TC			
Code		CMTX1A	CMTX3A	CMTX4A	CMT1A CMT1	CMT2A CMT2	CMT3A CMT3	CMT4A CMT4	CMT1	CMT2	CMT3	CMT4
Model		TX1A	TX3A	TX4A	TP1A TP1	TP2A TP2	TP3A TP3	TP4A TP4	TC1	TC2	TC3	TC4
Power supply	Volt (Vac)	220/240	220/240	220/240	220/240	220/240	220/240	220/240	220/240	220/240	220/240	220/240
Motor power	Watts (W)	1.260	1.350	1.590	1.260	1.600	1.350	1.590	1.260	1.600	1.350	1.590
Frequency	HZ	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Electric degree of protection	IP	IP55*	IP45**	IP45**	IP55*	IP55*	IP45**	IP45**	IP55*	IP55*	IP45**	IP45**
Motor rpm	rpm (rpm/min.)	43.507	26.871	29.892	43.507	46.480	26.871	29.892	43.507	46.480	26.871	29.892
Noise	db	62,5	64	64,5	62,5	63	64	64,5	62,5	63	64	64,5
Turbine stages	no.	1	3	3	1	1	3	3	1	1	3	3
Socket power supply	Volt (Vcc)	12	12	12	12	12	12	12	12	12	12	12
Suction power	Air Watts	504	423	526	504	653	423	526	504	653	423	526
Air flow rate	m3/h	207	161	174	207	195	161	174	207	195	161	174
Max. vacuum	mbar	270	333	374	270	313	333	374	270	313	333	374
Filter cartridge surface	cm2	4.000	12.300	12.300	4.000	8.200	12.300	12.300	4.000	8.200	12.300	12.300
Filter cartridge material		polyester	polyester	polyester	polyester	polyester	polyester	polyester	polyester	polyester	polyester	polyester
Container capacity	litres	13,5	22	22	13,5	13,5	22	22	13,5	13,5	22	22
Height	cm	60	115	115	60	90	115	115	60	90	115	115
Diameter	cm	30	34	34	30	30	34	34	30	30	34	34
Weight	kg	10,8	17,3	17,3	10,8 9,8	13,8 12,8	17,3 16,3	17,3 16,3	9,5	12,2	15,3	15,3
Container	Material	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic
Cup	Material	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic	plastic
Dynamic control display compatibility	Code CMT800	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Wireless system compatibility	code CM187	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Soft Start starting		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Right and left dust inlet		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Right and left air exhaust		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Display AVI (1)		yes	yes	yes	yes	yes	yes	yes	no	no	no	no
Display AVT (2)		no	no	no	no	no	no	no	yes	yes	yes	yes
MODBUS communication system		yes	yes	yes	yes	yes	yes	yes	no	no	no	no
QUICK FIX bracket		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
APF system (3)		yes	yes	yes	yes	yes	yes	yes	no	no	no	no
Built-in vacuum sockets		yes	yes	yes	yes	yes	yes	yes	no	no	no	no
CLEAN BAG		yes	yes	yes	yes	yes	yes	yes	no	no	no	no
Multifunction pocket		no	yes	yes	no	yes	yes	yes	no	no	no	no
Silencer as standard equipment		no	yes	yes	no	yes	yes	yes	no	yes	yes	yes
Recommended Number of sockets	no.	6	18	25	6	10	18	25	6	10	18	25
Surface recommended by the company	m2	250	550	700	250	400	550	700	250	400	550	700



- (1) Immediate Display AVI
- (2) Timed Display AVT
- (3) Self-cleaning filter system APF

* IP55 exhaust conveyor with expulsion tubing | IP43 direct expulsion from the central power unit, without expulsion piping
 * IP45 exhaust conveyor with expulsion tubing | IP43 direct expulsion from the central power unit, without expulsion piping



the advanced vacuum system.



Comparison: inside and out.

	Recommended number of sockets	Surface recommended by the company (m ²)
Perfetto Inox TXA		
TX1A	5	0 - 120
TX3A	14	150 - 300
TX4A	22	250 - 500
Perfetto TPA Perfetto TP		
TP1A TP1	5	0 - 120
TP2A TP2	8	50 - 200
TP3A TP3	14	150 - 300
TP4A TP4	22	250 - 500



Comparison: inside and out.

	Recommended number of sockets	Surface recommended by the company (m ²)
Classic TC		
TC1	6	250
TC2	10	400
TC3	18	550
TC4	25	700



Comparison: inside and out.

	Perfetto Inox TXA	Perfetto TPA	Perfetto TP	Classic TC
Modbus communication system	Yes	Yes	Yes	Yes
Right-left dust inlet	Yes	Yes	Yes	Yes
Right-left air exhaust	Yes	Yes	Yes	Yes
Quick Fix bracket	Yes	Yes	Yes	Yes
Built-in vacuum socket	Yes	Yes	Yes	No
APF system	Yes	Yes	No	No
Side multifunction pockets	Yes (except for TX1A model)	Yes (except for TP1A model)	Yes (except for TP1 model)	No



Comparison: inside and out.

	Perfetto Inox TXA	Perfetto TPA	Perfetto TP	Classic TC
Ergonomic handles	Yes	Yes	Yes	Yes
Clean bags	Yes	Yes	Yes	No
Container hooking/unhooking made easier	Yes	Yes	Yes	Yes
Clean Bag blocking system	Yes	Yes	Yes	No
AVI ¹ Display	Yes	Yes	Yes	No
AVT ² Display	No	No	No	Yes

1 Display AVI: immediate display

2 Display AVT: timed display



Perfect: inside and out.

- a**
 - Right and left double air exhaust
 - High degree of protection (see technical chart)
 - Evolution Card 1.0
 - Electric motor
 - Temperature sensor
 - MODBUS communication system
 - Sound-proofed chamber
 - AVI display
- b**
 - Dual right and left dust inlet
 - Built-in vacuum socket
 - Precision filter cartridge
 - APF system
 - Quick Fix bracket
 - Side multifunction pockets
- c**
 - Ergonomic handles
 - Cone conveyor
 - CLEAN BAGS
 - Dust container hooking/unhooking made easier
 - Clean Bag blocking system



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Perfect: inside and out.

a

- Right and left double air exhaust
- High degree of protection
- Evolution Card 1.0
- Electric motor
- Temperature sensor
- MODBUS communication system
- Sound-proofed chamber
- AVI display



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APF
SYSTEM

IP55*



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Perfect: inside and out.

1. Right and left double air exhaust:

This is a new feature that allows maximum flexibility of installation, whatever the position the central power unit may be.



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2. High degree of protection:

The central power unit is made from highly resistant material, to which a coating has been applied, guaranteeing and certifying 1000 hours of "salt mist" resistance to corrosion. It can be installed anywhere, both externally and internally. It has an electrical degree of protection of IP 45 and IP 55 based on the model.

MODEL	IP
TX1A - TP1A - TP2A - TP1 - TP2 - TC1 - TC2	IP55*
TX3A - TP3A - TP4A - TP3 - TP4 - TC3 - TC4	IP45**

•IP55 exhaust conveyor with expulsion tubing | IP43 direct expulsion from the central power unit, without expulsion piping

** IP45 exhaust conveyor with expulsion tubing | IP43 direct expulsion from the central power unit, without expulsion piping



Perfect: inside and out.

3. Evolution Card 1.0 :

The newly designed card is the heart of the whole system. It guides the motor start-up and the AVI display. A special programme communicates with the display on which icons and parameters appear signalling the operational state of the central power unit.



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Perfect: inside and out.

4. Electric motor:

Protected, insulated and sound-proofed. Highly professional, guaranteeing elevated performance. A result of 100% Italian technology.



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5. Temperature sensor :

It monitors the operation of the central power unit and intervenes in the presence of anomalies due to incorrect usage.



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6. MODBUS communication system:

A generic MODBUS protocol has been implemented in the central power unit, which allows it to be interfaced with home automation systems widely found on the market.



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SYSTEM

IP55*



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7. Sound-proofed chamber :

Built with technologically advanced materials, the channelling circuit shapes have been designed to further lower acoustic emissions of the central power unit, making it possible to use it at any moment of the day.



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8. AVI display :

(Immediate **D**isplay) positioned on the front of the central power unit. It is characterized by a new design, with simpler and comprehensible parameters and icons. (Only in Perfetto INOX TXA | Perfetto TPA | Perfetto TP lines)



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b

- Dual right and left dust inlet
- Built-in vacuum socket
- Precision filter cartridge
- APF system
- Quick Fix bracket
- Side multifunction pockets



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9. Dual right and left dust inlet:

A great advantage for the installer. Assures maximum assembly flexibility of the central power unit in every position, making installation faster.



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10. Built-in vacuum socket :

This new socket built into the central power unit body allows the installation to be used also in the place where it has been installed. This increases the versatility and the practicality of use. (standard equipment for TXA – TPA – TP models)



Perfect: inside and out.

11. Precision filter cartridge:

An innovative product made of washable material and high filtering efficiency. Supplied with a new alignment system and fastening, which makes installation and maintenance easier.



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12. APF system :

The new **APF** system (**S**elf-**C**leaning **F**ilter) drastically reduces filter maintenance, and allows the central power unit to operate at longer optimal levels, thanks to a constantly-cleaned filter. **APF** is an Aertecnica* patent which takes advantage of vacuumed air from the motor to activate a fan that turns on a vibration mechanism acting upon the filter, which, in turn, lets even the finest dust particles fall into the collection container. (standard equipment for TXA – TPA models)

* Europe Patent Pending no. 06793421.6



Perfect: inside and out.

13. Quick Fix bracket :

A new bracket and front hook with greatest surface support. It requires minimum assembly space and offers greater stability in fixing the central power unit to the wall.



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SYSTEM

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TUV
SUD
EMC

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Perfect: inside and out.

14. Side multifunction pockets :

Convenient and practical for storing frequently used objects such as bags and instruction/maintenance manuals. (except for TX1A – TP1A - TP1 models and the entire TC series)



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Perfect: inside and out.

c

- Ergonomic handles
- Cone conveyor
- CLEAN BAGS
- Dust container hooking/unhooking made easier
- Clean Bag blocking system



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15. Ergonomic handles :

Aesthetically more appealing and much more functional. Two opening positions:

- a. The first partially unhooks the container from the machine body allowing the closure of the *Clean Bag*, completely avoiding contact with dust.
- b. The second completely unhooks the container from the machine body for a ordinary maintenance operations.



Perfect: inside and out.

16. Cone conveyor :

It is built-in and fixed to the machine body. This improves and speeds up the Clean Bag closure. Thanks to its new deeper shape, more dust can be collected, without spreading throughout the machine body. The filter isn't dirtied thus maintaining improved and longer-lasting performance.



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Perfect: inside and out.

17. CLEAN BAGS :

Thanks to a new handle system (ties), replacing the Clean Bag is fast and easy but above all, 100% hygienic, allowing user a hermetic closure thus avoiding contact with dust.



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18. Dust container

hooking/unhooking made easier :

The new container is made of highly-resistant material. A system of rapid hooking/unhooking for the Clean Bag has been installed internally. New ergonomic handles for easier opening and closing of the Clean Bag have been fixed to the sides.



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Perfect: inside and out.

19. Clean Bag blocking system :

A new system is installed inside the dust container (on the bottom plate) that makes it possible to hook the Clean Bag to the dust container using pressure clips.



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Aertecnica Services

This organization is conceived and organised to aid not only vacuum professionals but also end users: preliminary estimates, feasibility studies, executive designs, as well as technical service for system installation, repair, inspection, and delivery. The TUBÒ vacuum system by Aertecnica is progressive here, too.

Aertecnica provides clear, accurate answers even after purchase and installation of the system.



www.aertecnica.com



Thank you ...

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