



## INVERTER UNIT

With air flow automatic adjustment inverter system to one or more motors

The industrial vacuum central units are composed of: Automatic regulation system of air flow inverter, Suction turbine to lateral channels, Cyclonic separator for dust collection, Electrical panel with inverter, Connection fitting and steel silencer.

It does not include the power cable and other connection accessories like the Circuit breaker. Determine the differential before the framework with current 0,3 A.

## LATERAL CHANNEL SUCTION TURBINES

The main control panel can be installed in both vertical or horizontal positions.

The new profile inclined blades ensure high level performance through higher depression and air flow. These are equipped with motors compatible with a wide voltage coverage making them universally applicable. The frequency can be electronically adjusted to alter the suction pressure offered by the machine.

Double rotor guarantees major stability. Low sound levels, due to the metall mass and the type of joint fusion (aluminium melted in gravity). Ensures better acoustics.

## CYCLONIC SEPARATOR OF DUST COLLECTION

Dust container capacity 90 and 155 litres with self-cleaning filter electronic system.

The self-cleaning filter electronic system, composed of an independent air tank, a compressor and the electronic panel with weekly timer, keeps the filter clean by compressed air, blow along its internal walls, freeing it from powders settling in the dust bag. The central vacuum cleaner maintenance system is so reduced to a simple emptying of the bag placed inside the container. It is no longer necessary to ensure the manual filter cleaning by an operator. In this way you will get the most consistent performance over time from the suction turbines.



## Commercial centrals with inverter

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Commercial centrals with inverter	595T120AIB	713T120AIB
Number of users	5	6/7
Work Area (m2)	4000 - 5000	5000 - 7000
Max air capacity (m3/h)	860	1150
Working air flow (m3/h)	720	950
Working depression (mbar)	160	160
Maximum operating depression (mbar)	220	250
Max depression (mbar)	520	550
Inverter	YES	YES
Thermal motor protection	YES	YES
Overcurrent protection	YES	YES
Silencer	YES	YES
Soundproof box	YES	YES
Noise (db)*	<74	<74,5
Diam. expulsion input/output (mm)	100	100
<b>Turbine</b>		
Max motor power ( kW)	9,5	13
Power supply (V)	400	400
Absorption (A)	22	27,5
Weight( kg)	136	145
<b>Cyclonic Separator</b>		
Dust container (l)	120	120
Surface filter (mq)	6	6
Self-cleaning	YES	YES
Diameter ( cm)	55	55
Height (cm)	170	170
Width (cm)	79	79
Depth (cm)	85	85
Weight (kg)	100	100
Diam. air input/output (mm)	100	100

(\*) Noise measurement in accordance with UNI EN ISO 3744 standard.