

TECHNICAL DATA

A range of central units that combine performance, the latest technology, reliability and aesthetics for domestic and commercial use, for one or two operators working simultaneously. Power is always supplied proportional to real vacuum needs.



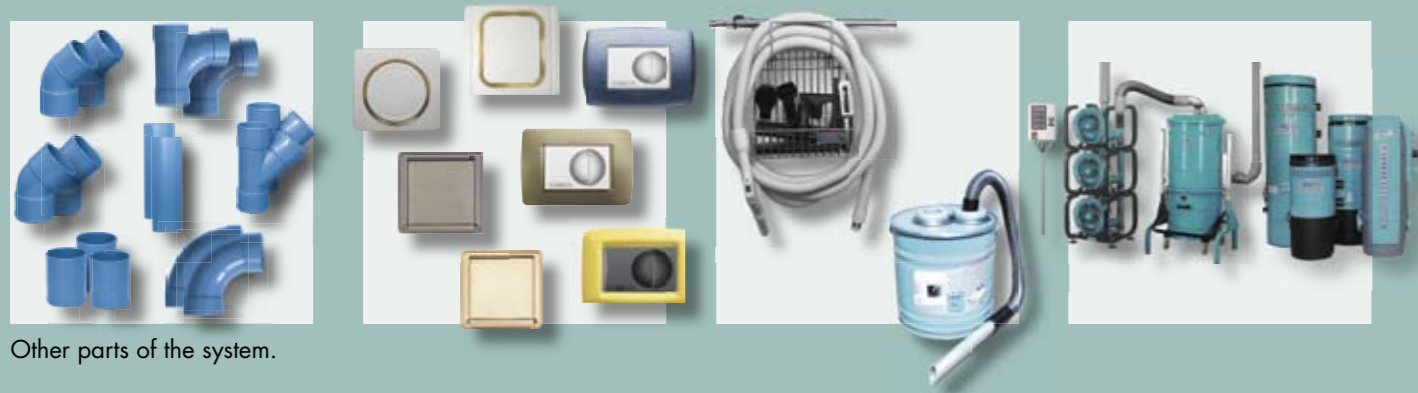
CBF

disan[®]
Central vacuum systems

Technical data		6405	6409	6406	6408
Operators		1	2	1	2
Motor power	Kw	1,5	2,2@50Hz	2,2	4,5@50Hz
Voltage requirement	V	220-240	220-240	380-400	380-400
Motor rotation	rpm	2880	2880-3480	2880	2170-5000
Suction power max	mbar	300	320	320	360
Airflow max	m/h	251	306	320	520
Airflow @ 140 mbar	m/h	180	244-285	270	150-450
Airwatt @ Ø32mm	W	574	688	638	825
Volume filter chamber	l	70	70	70	70
Dust receptacle capacity	l	40	40	40	40
Filter surface	cm	5.700	7.100	5.700	7.100
Sound level	dB	65	68	67	68
Weight with packaging/net kg	kg	91/81,2	94/84,2	98,8/89	108/99

NOTE: Disan is the market leader in professional vacuum systems. We are able to provide all vacuum calculations in our technical department. Please email or post your plans for a free estimate.

Super Compact: imitated but never bettered.



Other parts of the system.



Distributor

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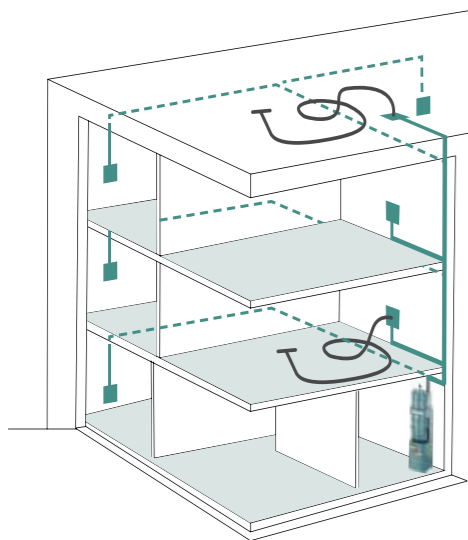
CENTRAL VACUUM CLEANERS
For domestic and commercial use
SUPER COMPACT DS RANGE



• THE LATEST TECHNOLOGY AND RELIABILITY



The new Super Compact range is to the forefront in combining the advantages of commercial design and technology thus adding a new dimension to the domestic sector. In a limited space all the advantages of a professional system are included, that is the reliability of the induction motors, the self-cleaning filter, the electronic control of the motor and corresponding economic power consumption.



In 1997 Disan first introduced motors with electronic frequency control coupled with a digital depression meter to maintain a constant value of operative depression. Many attempts to imitate have been tried but the reliability of the Disan Compact is still unsurpassed. This model has dual application: for large and small residences or commercial enterprises, where the efficiency and technology of the Compact is of value to the building. The owners will profit from a professional system without any problem of reliability or maintenance in the long term. Moreover it is the ideal application for all environments which require through and frequent cleaning. It is particularly designed for hotels, guest-houses, restaurants, offices, banks and it is well appreciated in medical centres and dental suites, clinics, labs, schools, etc.

Ready to be installed. The Disan central units are supplied complete with all fittings. You just have to connect the low voltage cable and plug in the mains. It's that simple. All machines are strictly tested in accordance with EC regulations.

The front CONTROL PANEL allows checking of all functions. The optional electronic self cleaning filter shaker ensures optimum performance of the motor, thus guaranteeing maximum vacuum at all times. Depending on usage the electronic shaker can be programmed to operate at timed intervals.

INCORPORATED INLET VALVE. This inlet valve is very handy for cleaning the area where the motor is installed, i.e. the service room, garage, cellar, etc.

INCORPORATED ELECTRIC CONTROL BOX with safety degree, realised in accordance with national and European CEI norms. The function of magnetic-thermal protection allows the automatic power-down in case of motor overheating or an unjustified increase in the amperage.

The motors which are equipped with an ELECTRONIC INVERTER that can automatically adapt the power (and the consumption) of the motor according to the number of simultaneous operators. An electronic transducer for depression in the central unit maintains the optimal operational depression (ns. Default 140mb). When the depression is too high it restricts the frequency and as a consequence the motor absorption. When it is too low on the other side it increases the frequency in other words airflow. Shielding of type B (for private applications) is certified for electromagnetic interference. The advantage of the inverter is purely economic. The electric power consumption is always proportional to real needs.



STAR FILTER made of special polyester cloth with high withstanding properties which is one of the most highly appreciated in the Disan range. All our industrial vacuum units use this type of filter, which combines high withstanding properties and easy-cleaning which is possible also by shaking. Washable at 30° in the washing machine and available in different classes of filtering. The optional self-cleaning system guarantees maximum suction for the giant 8.8 sqm filter.

DUST CONTAINER with large 40 litre capacity. A plastic bag can be fitted to avoid any contact with the dust during emptying. On board there is the cyclone with cushioned fasteners for an airtight and easy closure. It requires to be emptied only 2-3 times per year.

SUPER-SILENT. The incorporated silencer in stainless steel reduces noise in the installation room. The motor is also fitted with special acoustic insulation. The exhaust can also be vented to the outside.

SIEMENS induction turbines with neither parts in connection or transmissions. The motors involved are three-phase induction with side-channel blowing engine. Its average rotation speed is 2.850 r.p.m. (revolutions per minute), as opposed to 20.000 r.p.m. of the traditional single-phase motors, this means that there is low stress for the shafts and bearings. The supply of the motor is by induction: there are no carbon brushes, or sparks, or other components in friction. These motors do not need any maintenance, they are conceived for professional use and they are normally used by industry, where sometimes they are used in continuous cycle (24 hours, every day) with reliable characteristics which cannot be compared with a traditional single phase vacuum systems. Their quality is higher than every other technology on the market.

