

IMAGINE ...



*central vacuum cleaning systems*





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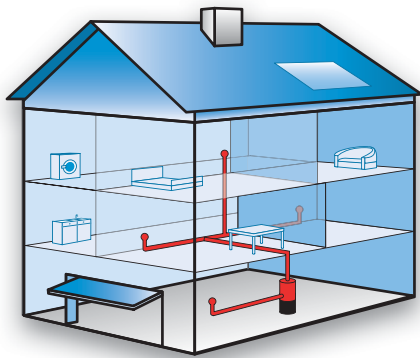
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# GENERAL

A central vacuum cleaning system is the efficient solution for all domestic and commercial vacuum cleaning problems. As these units are typically fitted in a basement or garage, noise is no longer a nuisance and it is no longer necessary to drag a portable vacuum cleaner around the house or office. Simply insert the end of the flexible hose into the vacuum socket and start to vacuum.

Furthermore, a central vacuum cleaner will remove 100% of the dust from the building so that none of it is recirculated as with a conventional vacuum cleaner.

So your home stays clean, fresh and healthy.



Silent

Performance

New buildings

User-friendly

Economical

Hygienic

Renovation

Anti-allergen

Innovative

- EXPERTS IN CENTRAL VACUUMING SINCE 1976
- EXCELLENT AFTER-SALES SERVICE
- MANUFACTURED IN BELGIUM IN THE ELEK TRENDS FACTORY
- A SOLUTION FOR EVERY SITUATION

*imagine ...*

**'YOUR BABY EATING  
PROPERLY'**



# PREMIUM



Our compact model may seem small but it still has an impressive performance. This unit is ideal for use in apartments or houses with a floor area of less than 120m<sup>2</sup>. It can be mounted simply in a cupboard (but will need a ventilation grille).

## General information:

Max. distance motor to socket	15m
Number of users max.	1
Estimated cleaning surface	120m <sup>2</sup>
Estimated number of sockets	4
Dimensions (W x H x D)	33 x 40 x 32cm

- COMPACT
- POWERFUL MOTOR
- MINIMUM MAINTENANCE
- LOW NOISE LEVELS
- EASY TO CHANGE DUST BAG
- EXCELLENT VALUE FOR MONEY

*imagine ...*  
**'DUST VANISHING  
INTO THIN AIR'**



# MILLENNIUM



The Millennium series has integrated several new technologies in order to offer the most up-to-date systems available on the market today. This means a modern, sophisticated style of central vacuum cleaning system. A stylish new design and innovative materials ensure that it can be integrated into nearly all interiors.

This new series offers a solution for nearly every situation. If the needs of the user change, for example, and the system needs to be extended, it is quite simple to upgrade the motor, without having to replace the whole unit.

## General information:

	MI 125I	MI 141I	MI 145I	MI 151I	MI 241I	MI 200I
Max. distance motor to socket	20m	20m	25m	35m	50m	35m
Maximum number of users	1	1	1	1	1	1
Estimated cleaning surface	200m <sup>2</sup>	200m <sup>2</sup>	250m <sup>2</sup>	300m <sup>2</sup>	700m <sup>2</sup>	400m <sup>2</sup>
Estimated number of sockets	5	7	8	10	15	12
Dimensions	38 x 100 x 40cm					

- NEW DESIGN
- CHOICE OF POWERFUL MOTORS
- IMPROVED EFFICIENCY
- EASY TO REMOVE DUST BAG
- MOTOR CAN BE EASILY EXCHANGED
- AVAILABLE IN AN ACOUSTIC VERSION





*imagine ...*

**'KIDS HAVING FUN  
WITHOUT THE  
CONSEQUENCES'**

# EUROFLOW

A popular and robust vacuum cleaner with a high-quality European motor in a traditional steel canister with a white epoxy finish. This unit has formed part of the Elek Trends range for several years and continues to prove its reliability and dependability today.



## General information

Max. distance motor to socket	20m
Maximum number of users	1
Estimated cleaning surface	200m <sup>2</sup>
Estimated number of sockets	8
Dimensions (W x H x D)	60 x 110 x 40cm

- LOWER COST
- HIGH TECHNICAL TECHNOLOGY
- EUROPEAN MOTOR
- BELGIAN PRODUCT
- ROBUST MACHINE

*imagine ...*

**'A LIFE WITHOUT  
COFFEE BREAKS'**



# PROFESSIONAL



MI 3001S

This series is the ideal solution for projects where intensive use is required. Different examples include: hotels, office buildings, commercial buildings, etc...

## Model with two networked motors

These units are recommended when there are large floor areas to be cleaned. In our Millennium range there is the MI3001S that will service pipe runs of 65m or more. The equivalent of this unit in the Euroflow range is the EF 2820S which can be used with duct runs of up to 50m.

## Model with two motors running in parallel

Models with motors that run in parallel are used for projects where there is a need for a number of different users to work at the same time and up to a maximum distance of 30m split up into two branches.

## Model with induction motor

The ET 3500 is fitted with an electronic induction motor. Its reliability and its lifespan (8 times greater) make it ideal for hotels and buildings where intensive and daily use are required.



EF 2820S  
EF 2820P  
ET 3100P



ET 3500

	MI 3001S	EF 2820S	ET 3100P	EF 2820P	ET 3500
Max. distance motor to socket	65m	50m	2 x 30m	2 x 25m	30m
Maximum number of users	1	1	2	2	1
Estimated cleaning surface	800m <sup>2</sup>	700m <sup>2</sup>	800m <sup>2</sup>	700m <sup>2</sup>	450m <sup>2</sup>
Estimated number of sockets	16	12	12	12	12
Width	38cm	53cm	53cm	53cm	53cm
Height	100cm	105cm	125cm	105cm	105cm
Depth	40cm	40cm	40cm	40cm	40cm



*imagine ...*

**'A GARDNER WHO  
WIPES HIS FEET'**

## INDUSTRIAL

The installation of a central vacuum cleaning system depends on how the cleaning work is to be organised. So before deciding on an installation of this kind, it is necessary to carry out a feasibility study.

Elek Trends' s extensive experience is available to help with case studies and design solutions for many types of project.

# ACCESSORIES

## A standard set contains :

- 5 standard brushes
- 1 x telescopic tube
- 1 x hose and tool rack

This set is available with a standard hose or a hose with remote control (on/off button on the handle).



## Standard set of brushes



Long brush 30cm



Adjustable carpet tool



Round brush



Crevice tool



Upholstery tool



Telescopic tube



Hose and tool rack

## Turbo brushes

These brushes are used for more in-depth cleaning. The special features of these models are the rotating movement of the brush, a rechargeable battery / a supply lead.



## Animal grooming brushes

This collection of brushes can be used for horses and ponies as well as for larger dogs. Whatever the application you will find an appropriate brush.



## Other brushes

A wide selection of specialist attachments is available for cleaning cars, the stairs, curtains, or even the most inaccessible of places.



## Separators

The central vacuum system can also be used for other applications. By using a separator you can vacuum cold ashes from your fireplace in total safety. Or use a water separator to remove water or liquids.



## Other accessories

Elek Trends also has additional accessories that enable you to use the central vacuum system more efficiently. These include the innovative Cuisiflex that can be used to pick up crumbs in the kitchen or the Visiovac that prevents small items such as screws, jewellery or other small objects being sucked into the flexible hose.



'IMAGINE ...'



# VACUUM SOCKETS

**NEW**

The EVO vacuum socket



Elek Trends has worked together with designer David Dos Santos to create and launch a new vacuum socket.

## Design vacuum socket



- fits flush with the wall or the floor
- made in stainless steel
- the cover can be opened up to 110°
- provided with a universal starter
- An installed depth : 1 mm
- dimensions : 80 x 96mm





## Millennium vacuum socket



- the cover can be opened up to 180°
- a slightly rounded design
- Provided with a universal starter
- An installed depth : 8,8mm
- Dimensions : 80 x 80mm

	<i>White</i>
	<i>Beige</i>
	<i>Grey</i>
	<i>Anthracite</i>
	<i>Brown</i>
	<i>Leonardo Silver</i>
	<i>Leonardo Bronze</i>
	<i>Black</i>

## Elbow fitting

90° elbow fitting with anti-blockage system

Principle of operation :

You may find you have vacuumed up a long thin object such as a pencil into the central vacuum system. This will be sucked through the flexible hose into the vacuum socket where it will be prevented from traveling any further by the sharp 90 degree bend\* fitted directly behind the socket. The object can be removed from the socket simply by taking the hose end out of the socket.

\* (This 90 degree bend incorporates a restrictor which prevents unusual objects passing into the vacuum system ducting and possibly causing a blockage).

Since the pipe gets wider immediately after the elbow, and the remainder of the system consists of swept bends, anything that gets passed this 90 degree bends will go through the rest of the system without any problem.



# SUMMARY



	<b>PREMIUM</b>	<b>MILLENNIUM</b>				
		<b>MI 125 I</b>	<b>MI 141 I</b>	<b>MI 145 I</b>	<b>MI 151 I</b>	<b>MI 241 I</b>
Type of motor	Through Flow	Through Flow	By-Pass	By-Pass	By-Pass	By-Pass
Primary filtration	Paper filter	Paper filter or Cyclonic	Cyclonic	Cyclonic	Cyclonic	Cyclonic
Secondary filtration	Foamfilter	Foam or Textile filter	Textile filter	Textile filter	Textile filter	Textil filter
Nom. power	1400 W	1400 W	1200 W	1200 W	1200 W	1750 W
Max. power	1610 W	1610 W	1560 W	1355 W	1536 W	1850 W
Max. current	6,5 A	6,5 A	6,0 A	5,4 A	7,0 A	8,5 A
Base motor	139 mm	139 mm	145 mm	145 mm	145 mm	145 mm
Turbine	1 stage	1 stage	3 stages	3 stages	3 stages	3 stages
Neg. pressure	3020 mmH <sub>2</sub> O	3020 mmH <sub>2</sub> O	2733 mmH <sub>2</sub> O	2964 mmH <sub>2</sub> O	3482 mmH <sub>2</sub> O	3651 mmH <sub>2</sub> O
Max. Air Flow	51,6 L/sec	51,6 L/Sec	48,1 L/Sec	44,2 L/Sec	44,7 L/Sec	52,7 L/Sec
Airwatts	587 W	587 W	380 W	348 W	448 W	627 W
Dia. air outlet	-	-	50 mm	50 mm	50 mm	50 mm
Capacity dust container	8 L	18 L	18 L	18 L	18 L	18 L
Dimensions	0,33 x 0,40 x 0,32	0,38 x 1,00 x 0,40	0,38 x 1,00 x 0,40	0,38 x 1,00 x 0,40	0,38 x 1,00 x 0,40	0,38 x 1,00 x 0,40
Installed dimensions	0,50 x 0,60 x 0,60	0,75 x 1,40 x 0,75	0,75 x 1,40 x 0,75	0,75 x 1,40 x 0,75	0,75 x 1,40 x 0,75	0,75 x 1,40 x 0,75
Max. distance motor-socket	15 m	20 m	20 m	25 m	35 m	50 m
Max. of simultaneous users	1	1	1	1	1	1
Estimated cleaning surface	120 m <sup>2</sup>	200 m <sup>2</sup>	200 m <sup>2</sup>	250 m <sup>2</sup>	300 m <sup>2</sup>	700 m <sup>2</sup>
Estimated sockets	4	5	7	8	10	15



## EUROFLOW PROFESSIONAL

MI 200I	EF 1410	EF 2820S	MI 300IS	EF 2820P	ET 3100P	ET 3500
By-Pass	By-Pass	By-Pass	By-Pass	By-Pass	By-Pass	Induction
Cyclonic	Cyclonic	Cyclonic	Cyclonic	Cyclonic	Cyclonic	Cyclonic
Textile filter	Textile filter	Textile filter	Textile filter	Textile filter	Textile filter	Textile filter
1200 W	1200 W	2100 W	2 × 1200 W	2400 W	2 × 1200 W	1400 W
1450 W	1560 W	2400 W	2 × 1450 W	3120 W	2 × 1600 W	1450 W
5,5 A	6,0 A	2 × 5,2 A	2 × 6,0 A	2 × 6,0 A	2 × 7,0 A	7,2 A
183 mm	145 mm	145 mm	183 mm	145 mm	145 mm	183 mm
3 stages	3 stages	2 × 2 stages	2 × 2 stages	2 × 3 stages	2 × 3 stages	2 stages
3289 mmH <sub>2</sub> O	2750 mmH <sub>2</sub> O	3850 mmH <sub>2</sub> O	4200 mmH <sub>2</sub> O	2733 mmH <sub>2</sub> O	3482 mmH <sub>2</sub> O	3066 mmH <sub>2</sub> O
41,9 L/Sec	44,0 L/Sec	53,0 L/Sec	49,5 L/Sec	96,2 L/Sec	89,4 L/Sec	52,1 L/Sec
372 W	261 W	692 W	801 W	760 W	896 W	464 W
50 mm	50 mm	50 mm	50 mm	50 mm	2 × 50 mm	50 mm
18 L	25 L	40 L	18 L	40 L	42 L	42 L
0,38 × 1,00 × 0,40	0,60 × 1,10 × 0,40	0,53 × 1,05 × 0,40	0,38 × 1,00 × 0,40 0,38 × 0,35 × 0,40	0,53 × 1,05 × 0,40	0,53 × 1,25 × 0,43	0,53 × 1,05 × 0,40
0,75 × 1,40 × 0,75	0,70 × 1,20 × 0,60	0,80 × 1,35 × 0,70	0,80 × 1,75 × 0,75	0,80 × 1,35 × 0,70	0,80 × 1,55 × 0,70	0,80 × 1,35 × 0,70
35 m	20 m	50 m	65 m	2 × 25 m	2 × 30 m	30 m
1	1	1	1	2	2	1
400 m <sup>2</sup>	200 m <sup>2</sup>	700 m <sup>2</sup>	800 m <sup>2</sup>	700 m <sup>2</sup>	800 m <sup>2</sup>	450 m <sup>2</sup>
12	7	12	16	12	12	12

# GLOSSARY OF TERMS

- Through-Flow :** The air that is extracted when vacuuming also flows through the electric motor in order to keep it cool.
- By-Pass :** The extracted air bypasses the electric motor and is discharged via a separate exhaust. This allows the exhaust air to be ducted to the exterior. The motor is cooled by a secondary cooling fan within the motor.
- Power :** This is the amount of electricity consumed by an electrical device measured in units of time and expressed in Watts.
- Air watt :** Air watts are sometimes used to indicate the effectiveness of a central vacuum system. This value is a function of the vacuum produced by the vacuum unit and the airflow through the vacuum system at specified conditions. The maximum air watts of a vacuum system indicate the efficiency levels. However, the airflow is really dependent on the vacuum produced and, in practice, air watts vary constantly depending on what attachments are used, the length of hose used and the condition of the filter.
- Current :** The unit of measurement of electrical current is an amp and it represents the quantity of the electricity flowing at any instant time. (i.e. the number of electrons) that passes through a circuit during a specific period of time.
- Insulated :** These units also feature acoustic foam in the upper part of the machine to reduce the sound levels.
- Acoustic :** These units have an insulation hood over the motor. This hood reflects the sound back towards the motor and the interference of sound waves reflected with those emitted by the motor itself result in a surprising reduction in the noise produced.
- Negative pressure :** This is the vacuum generated by the motor. This figure is used to indicate the suggested maximum length for the single longest run of pipe (i.e. from the vacuum unit to the furthest vacuum socket in the system). This is usually expressed in mmH<sub>2</sub>O (water lift equivalent). A longer length of vacuum pipe requires a more powerful motor in order to maintain efficiency.
- Airflow :** The airflow indicates the maximum volume of air that can pass through the motor under ideal conditions, generally expressed litres/sec. This will also give a guide to the number of users for each system (normally only one).
- Filter :** The method of removing the dust and debris from the air flow. Some models use more than one system of filtration. This could be a combination of cyclone, fabric, paper or foam filters.





*Many thanks to our models: our son Karel, father Maxim, grandmother Denise, little brother Wout, Piet the rabbit, uncle Davy the gardener and mother Isabel.*

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