

General Catalogue



Central Vacuum Cleaner





www.ASAYESH.net

Introduction to Asayesh Central Vacuum Cleaner

Since 2005, Asayesh Company aims at meeting customer needs by providing specialized services and professional suction cleaning machine with high- quality technology to build a central vacuum cleaner, industrial vacuum cleaners, car wash, medical and dental cleaners.



What is Central Vacuum Cleaner?

1. Benefiting from Asayesh Central Vacuum Cleaner in buildings that are under construction

It will prevent noise pollution made by vacuum cleaners in environments it is used. It will also prevent the viruses, germs and air pollutants made by suction and blowing in an environment when it is operating and so you would be immune to lung disease or respiratory system tract disease. You don't need to carry the vacuum cleaner around and you can even clean your car easily in the parking. You do not need to change or empty the vacuum cleaner container continuously you just need to empty the vacuum cleaner container every 2 or 4 months. With Standard suction, the vacuum would not damage carpets and furniture during vacuuming.

2. Learn more about Asayesh Central Vacuum Cleaner

Central vacuum is a standard suction system which is installed in proper places such as a balcony, parking, warehouse, etc and is connected to control circuit by PVC pipes via suction inlets in required places and whenever the hose is connected to the inlet port you can easily use the vacuum to clean the building. The central vacuum cleaner has the ability to run in a single unit or you can connect different units to a central system. Asayesh Central Vacuum Cleaner is designed and produced for, towers, hotels and small and big office and business buildings.



Asayesh Technology

Suction technique

Asayesh Central Vacuum Cleaner is designed to use most of the created suction by motors. So the trash would rotate while entering the vacuum container, this rotation move will separate heavy trashes from the suction flow and separates at the end of trash tank. In the second step of the suction the air flow is directed toward exit inlet (blowing) in this step the dust is separated from suction flow by a filter and because of the conical form and air and trash rotation in tank vacuity power is decreased and the trash is unsuspending and collect at the bottom of trash tank and so 95% of suction power is well used.

Double Filter

This system designed by two filtering stage system and with an increase to filtration up to 180,000 cm², the air intake of the engine increases dramatically and increases engine efficiency and reduces engine depreciation.

Thermo switch

They have used thermal sensors to increase engine life and reduce engine depreciation. The engine is turned off when loaded by the above sensors.

Automatic Filter Cleaner

This system is automatically activated by receiving a command from the smart range of the device per 30 minutes. The vibration generated by the vibrator makes the filter of the central vacuum cleaner in the heart of the device always in the best position and the engine will use all its power to create proper suction.

Smart Board

This board by using a microcontroller-based processing allows smart management to the user's demand by preventing early engine depreciation and increasing the power of the device based on the consumer numbers.

Products



asayesh
Central Vacuum Cleaner

M1

Number of motors	1
Suction inlet	1
Power	1400 watts
Volume	13 liters
Area covered by	300 meter ²
Number of units	1
Dimensions	70*30*40
Weight	12 kg



M2

Number of motors	2
Suction inlet	1
Power	1400 watts
Volume	13 liters
Area covered by	400 meter ²
Number of units	2
Dimensions	70*30*40
Weight	13 kg



A200

Number of motors	1
Suction inlet	1
Power	1400 watts
Volume	5 liters
Area covered by	200 meter ²
Number of units	1
Cylinder Diameter	20
Height	65
Weigh	7 kg



A800

Number of motors	2
Suction inlet	1
Power	1600 watts
Volume	42 liters
Area covered by	800 meter ²
Number of units	4
Cylinder Diameter	44
Height	120
Weight	25 kg



A1000

Number of motors	3
Suction inlet	1
Power	2500 watts
Volume	42 liters
Area covered by	1000 meter ²
Number of units	5
Cylinder Diameter	44
Height	120
Weigh	27 kg



A1200

Number of motors	4
Suction inlet	1
Power	2500 watts
Volume	42 liters
Area covered by	1200 meter ²
Number of units	6
Cylinder Diameter	44
Height	120
Weigh	29 kg



A1600

Number of motors	4
Suction inlet	2
Power	2500 w(min) 3500 w(max)
Volume	50 liters
Area covered by	1600 meter ²
Number of units	8
Cylinder Diameter	44
Height	120
Weigh	29 kg



A2000

Number of motors	5
Suction inlet	2
Power	2500 w(min) 3500 w(max)
Volume	50 liters
Area covered by	2000 meter ²
Number of units	10
Cylinder Diameter	48
Height	125
Weigh	32 kg



Outlet

One of the most important parts of a central vacuum is suction inlets which are the connection point of the suction system with the area that has to be cleaned. With the hose connected to these outlets port, you can easily clean and sweep the space that you want. The design of these inlets is very important and the type of its material must be selected carefully and its assembly must be done carefully. Therefore different kinds of suction inlets are designed and produced which you can see in the above figures. These inlets are equipped with an airtight system to prevent from suction waste this system tightens with an O ring and rubber gasket and four screws at the bottom of the inlet to airtight the system and won't be changed by temperature decrease or increase.



- Gold
- Silver
- White

Retractable Hose

Hide-A-Hose is a space-saving retractable hose system that stores up to 50 feet of central vacuum hose in the tubing within your walls. No more carrying the hose up and down stairs or from room to room. All you need to carry is the lightweight hose handle, wand and cleaning tool! With the Hide-A-Hose system, you simply pull out the length of hose needed, connect a powerhead or tool and start vacuuming. When finished, remove the powerhead or tool and the system will use the suction from your VACUFLO Central Vacuum power unit to retract the hose back into the PVC tubing within the walls. Each valve has a hose stored within the tubing so longer hoses can be used in comparison to conventional systems with one hose covering up to 2,300 square feet— reducing the number of inlet valves required for whole-house coverage!



Accessories

Asayesh Central Vacuum provides powerful central vacuum performance and cleaning versatility with a wide variety of cleaning kits, accessories, and powerheads. These accessories are specifically designed for today's home decor and can clean all interior surfaces including hard-surface flooring, all carpet types, rugs, walls, ceilings, window treatments, upholstery and much more!



Crevice Tool



Dusting Brush



Handle Hose



Telescopic Wand



Floor Brush



Hose



Cyclone Filter



Silencer



Dust Mop Tool



Pet Brush



Stretch Hose

Portable Vacuum Cleaner

The Asayesh portable vacuum cleaner is a semi-industrial product designed for use in factories, offices, industrial workshops, hospitals, and so on. This product has a second storage, which makes the engine's air intake more qualitative. Other advantages of this product include ultra-low noise, strong suction, low power consumption.

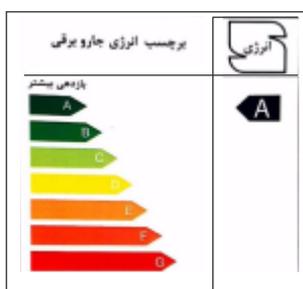
برچسب انرژی جارو برقی	انرژی
بازدهی بیشتر	
A	
B	
C	
D	
E	
F	
G	

Number of motors	2
Power	1600 w
Volume	13 liters
Size	70x30x45



Carwash Vacuum Cleaner

Asayesh carwash Vacuum Cleaner is a specialized product for use in a car wash. Low friction, low noise, strong suction, two-stage filtration are the features of this product.



Number of motors	2
Power	1600 w
Volume	21 liters



Dental Box

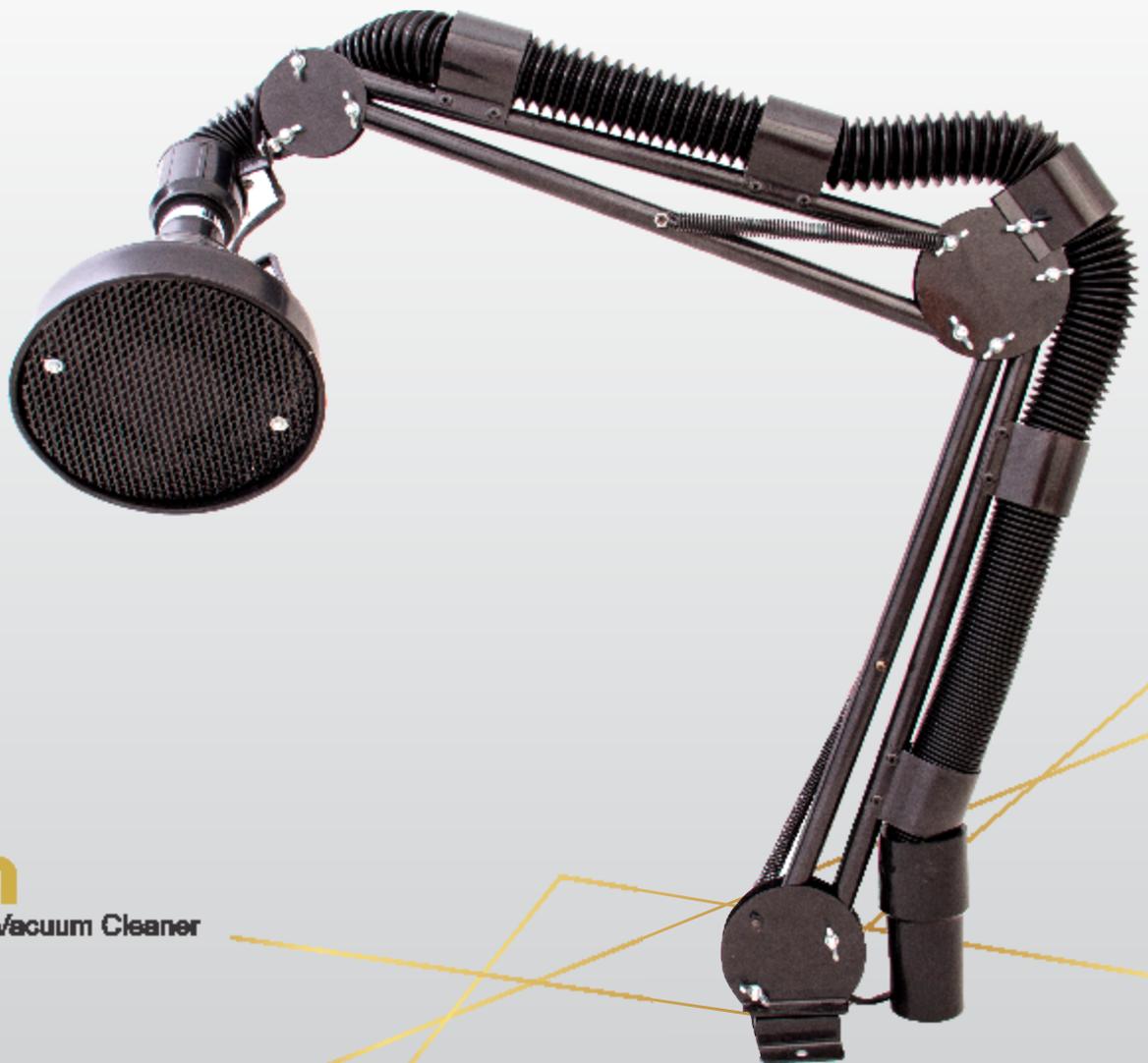
The dust created during the tooth construction is one of the common problems of dental laboratories, which in addition to contaminating the surroundings has a detrimental effect on the health of dentistry doctors. A dental box with a central sucker prevents the dust from spreading in the work environment and provides the user with a convenient space for cutting and working on the teeth. The advantages of this product include:

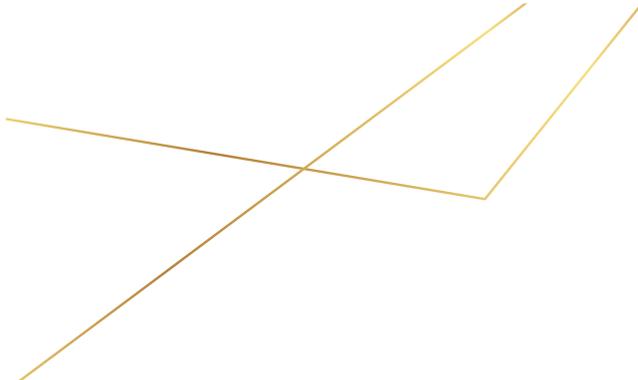
- low noise
- Strong suction
- Preventing respiratory diseases



Exhaust arm

This exhaust arm with the ability to install on different surfaces and the vertical and horizontal movement in all directions allows the use of a local suction to transfer harmful membranes out of the environment. This product can be used in laboratories, electronic component centers, and industrial centers.





Dear Customer

We thank you for using the Asayesh vacuum system in your residential, business and office building and bringing health to the residents and improving and developing advanced construction systems. Piping and wiring the control circuit of Asayesh vacuum system sounds easy but it should be done according to the required standards so it's recommended that you leave this to our specialists or ask them to monitor the piping and wiring. Precise design in installing the central vacuum system is the key to our success and proper installation of outlets, piping system, and wiring the control circuit would help to have an optimized system.

General care and maintenance tips for Asayesh vacuum cleaner

Learning the following tips would the device to have a long life, greater productivity, easy to use and customer satisfaction. Vacuuming wet trashes, lit cigarette butts, big and sharp objects would hurt the device.

Asayesh Central Vacuum Piping System Instructions

1. In order to implement the piping system, use pipes and fittings of Asayesh central vacuum cleaner with a diameter of 50 mm and a thickness of 2/3. PVC pipe with a diameter of 50 mm please note that 45 degrees or 90-degree elbow fittings must be used in the full path of piping and short 90 degree elbows should only be used behind the suction socket. 45-degree elbow fitting, 90- degree elbow fitting, 3-way fits, 45-degree elbow fitting.

2. Clean the burrs made while cutting the pipe. Glue the pipes and fittings together. Cut and burr. Note: Apply glue only to the outside of the tubing. This will prevent glue from creating obstructions which could clogged your system.

3. Please note that the piping path is always done from the upper floors on to the lower ones. The piping system never works upward. In other words, the trash path is always downward.

4. While connecting branched pipes to the main suction pipe please note that the 45 degrees 3-way fitting must be placed in a way that two branched pipes direct the trash in the same direction as the main pipe does. (Description: for branching only use 45 degrees 3-way fitting)

5. The shortest path possible must always be used as the piping path. The 45 degree, 3-way fitting must only be used where there is a barrier and the direct piping path is not possible.

Using 45 and 90-degree fittings are recommended only away from and definitely not behind outlets. The way the 3-way fitting is placed in the path of device suction or in the path of trash should be done with extra care, see below Correct placement of the 3-way.

6. Try to always pass the main pipe directly to the central device and never let the main pipe be pulled toward the subsidiary pipe. Piping deviations must always be from the subsidiary to the main pipe. In spots envisaged for installing suction inlets, there is a special box that must be connected to short 90 degree elbows short 90-degree elbow and inlet.

7. In regards to the airtight, we only recommend standard fittings.

8. Do not use flexible electricity pipes in wiring the command circuit.

9. For installing the inlet after connecting it to the piping system by a 90 degree, elbow fitting, the following points must be observed:

A) Inlets that are placed near other electrical outlets must be adjusted so as to match them.

B) If the inlet is located in a different place from other outlets, the distance from the bottom of the inlet to the floor must be 40 cm.

C) The inlet must be installed correctly by using a leveling hose.

D) The exterior of the inlet must be plastered noting the usual standards.

E) The metal flap must be closed to prevent trash from entering the pipe and also in order to protect the wiring of the command circuit.

10. The most suitable place for installing the device is the bottommost place in any building, i. e. the basement, the warehouse.

Furthermore, in the installation place of the central device, other than the suction pipe which is directed from the building to the installation site, there must be a 220V power outlet, preferably with an independent 25A fuse.

11. It is recommended to do the piping on the ceiling to provide more options for installation place of the device.

12. Choose the place of outlets according to the architecture of the building so that by 6, 8 and 10-meter distances, different parts of the building will be covered. Asayesh Central Vacuum system control circuit wiring instructions To wire the control circuit to comply with the following points:

A - Use Asayesh special 2 and 2/5 power tubes.

B - Use the braided cable No. 1, twin cable in two different colors.

C - Wiring inside the power tube must be integrated from one inlet to the other.

D - Power tubes containing two wires, must be connected to the main pipe by plastic ring brackets wiring the control circuit.

E - To connect power tubes together, a fitting pipe with a diameter of 2.5 cm is used. Tighten this connection by high-quality tape or ring bracket.

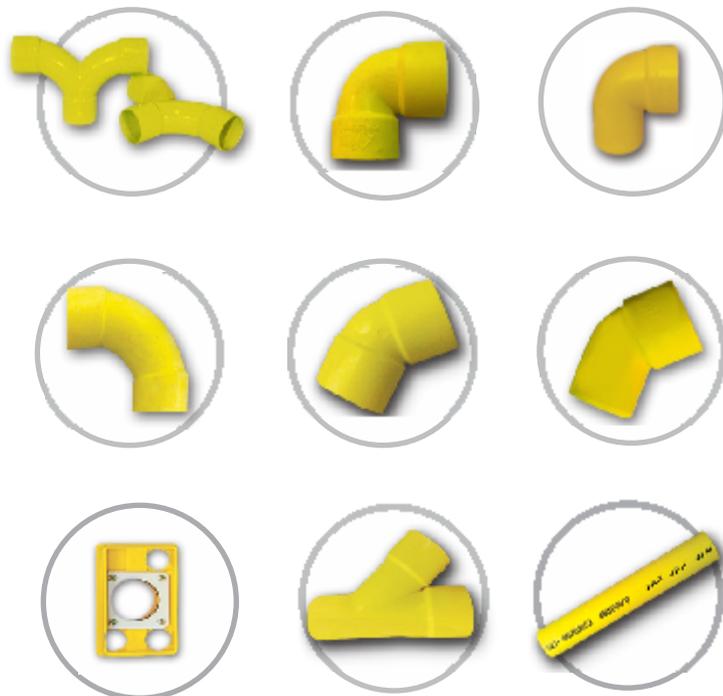
F - Pass the control circuit wires from the holes in the inlet and put them behind the inlet to avoid the wire from being pulled before installing the outlet.

G - To ensure that the power cables aren't pulled, put the extra cables inside the inlet and close the lid.

2. To send the start

command to the device electric board, twin braided wire No. 1 is used which is passed inside the electric tube and along the main pipe. The twin cable is responsible for connecting outlets together and sending the start command by 12-volt power which doesn't have the risk of electric shock. To continue wiring the next outlet, pass the wires to another inlet and leave extra wire for closing the outlets.

3. After finishing the piping and wiring, use a testing device to ensure everything was done correctly and outlets are connected. Please make sure that pipes and fittings are not broken and the control circuit is wired properly after you finish the installation but before you cover it. You can do this action in several times before the pipes are covered completely



A. Plug Installation

Follow the instructions below in order to install suction outlet after painting the building:

- Open the metal lid of inlets.
- Clean out the inlet and remove any foreign substance such as plaster, cement and so.
- Screw down the O ring and its holder in place.
- Connect the wires of command circuit together in parallel then connect them to existing special fiches and tighten under the screw of the outlet.
- Put outlets in place and screw it down.

B. Installation

Installing an outlet that is connected to a miniature 25 amp fuse near or next to the device is required. Use superficies pipe brackets for piping inside the basement. To install the device, first, open the device toolbox and bring out the installation tools such as wall cone-plate, dowels, screw, hose, and command circuit sockets

- Install the wall cone-plate in a convenient location (between 120 to 140 cm from the floor) in a form the apex of the cone is downward and the base is upward. A similar cone-plate is installed in the back of central vacuum system device, lift the device slowly, place the cone plate of the device on the wall cone-plate and once you ensured that the cone-plate is placed accordingly slowly drop the device in place.
- Then connect the white hose which has a special coupling on both ends to the suction inlet and the leading pipe into the building.
- Connect the command circuit wires to special sockets and put them in place in the back of the device, please note that you should cover the two wires of command circuit from the end of power tube by spring loop.
- At this point, the device is ready to use when you put the hose in any of the inlets.
- To use, simply plug the head of the hose into a suction inlet and the machine will be switched on automatically.
- Different sizes of hose (6, 8, 10 and 12 mm) allow you to specify the performance radius of the vacuum.
- The number of suction inlets allows you to easily clean the whole building, including floors, walls, curtains, furniture, and parking. Use the special curtain brush for cleaning the curtains and the crevice tool for cleaning the corners.
- Once you finished vacuuming, put the hose in its own box.



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