

DRY SEPARATOR

WITH AUTOMATIC FILTER CLEANER



MADE IN CANADA

MFC
AUTOMATIC
FILTER CLEANER

DRAINVAC 
Cleaning Systems

Ingenuity, creativity, innovation and professionalism at your service.

Drainvac offers a wide variety of products for different types of industries. However, there are always particular situations where specialized products are necessary.

In the industrial sector, the needs are often very precise and the equipment must therefore be adapted and custom-designed; it is also one of the main strengths at Drainvac!



FEATURES



THE MAIN SEPARATOR IS EQUIPPED WITH A CARTRIDGE FILTER WHICH IS CLEANED WITH AN UNCLOGGING SYSTEM.



THE SYSTEM CAN BE CONNECTED TO DISCHARGE ITS STATIC AND THUS GUARANTEE MAXIMUM SAFETY.



THE UNCLOGGING SYSTEM CLEANS THE CARTRIDGE FILTER AT A PROGRAMMABLE FREQUENCY.



SEPARATOR WITH CYCLONIC ACTION.



PNEUMATIC DOOR (SEPA.INOX01): DESIGNED TO COLLECT LARGER MATERIALS.



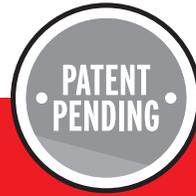
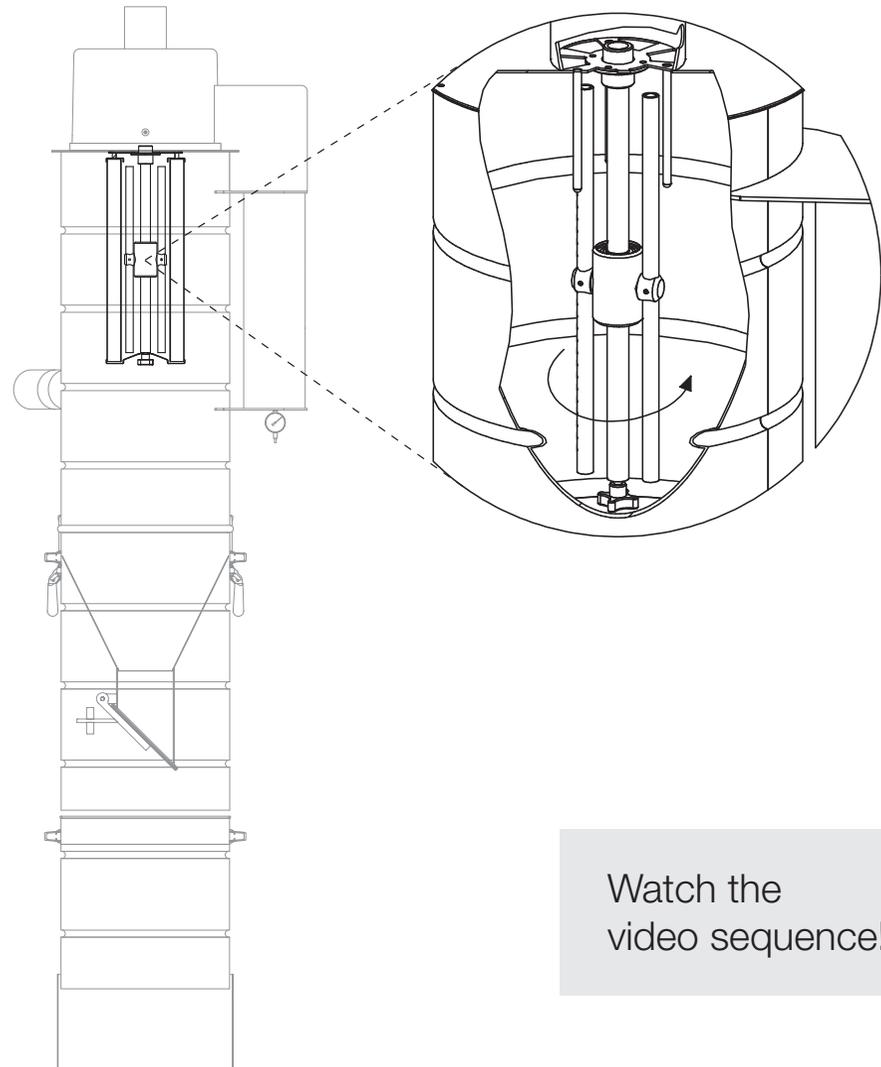
VALVE SYSTEM (SEPA.INOX02): DESIGNED TO COLLECT VERY FINE DUST.



- ✓ Organic dust and dietary
NFPA-61 2017
- ✓ Metallic dust
NFPA-484 2019
- ✓ Chemical dust and other
NFPA-654 2017
- ✓ Wood dust
NFPA-664 2017

Drainvac respects a list of norms that applies on its design, fabrication and installation of a central vacuum system according to the type of combustible dust, whether it is metallic or made of other substrates.

PNEUMATIC ROTARY UNCLOGGING SYSTEM



The main separator (SEPA.INOX01 or SEPA.INOX02) works with a large self-cleaning cartridge filter.

The unclogging system is immediately started when the system is switched on or off.

Watch the video sequence!



SEPA.INOX01



SEPA.INOX02

TECHNICAL SPECIFICATIONS

LARGE DEBRIS SEPARATOR

SEPA.INOX01

Main separator

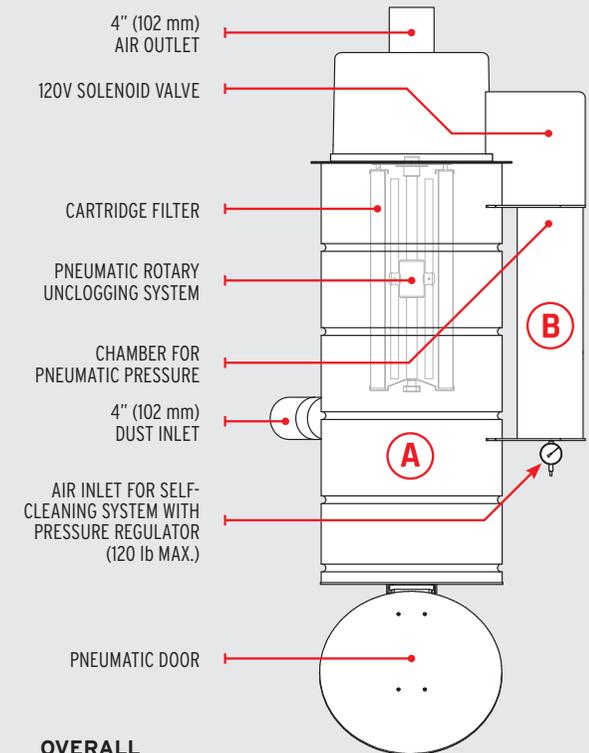
- ✓ Stainless steel body
- ✓ Self-cleaning cartridge filter
- ✓ Pneumatic door

A SEPARATOR

WEIGHT	125 lb (57 kg)
WALLS	0.0625" (16 mm)
CAPACITY	66 L (2.3 ft ³)
DIMENSIONS WITH CLOSED DOOR	17" O.D. X 56" H (432 mm X 1422 mm)

B AIR CHAMBER

VOLUME	11.1 L (0.4 ft ³)
ADAPTATOR	1/4" NPT compressed air supply connection
DIMENSIONS	6" O.D. X 24" H (152 mm X 610 mm)



OVERALL DIMENSIONS
26" W X 69 1/2" H
(660 mm X 1765 mm)

FINE DUST SEPARATOR

SEPA.INOX02



Main separator

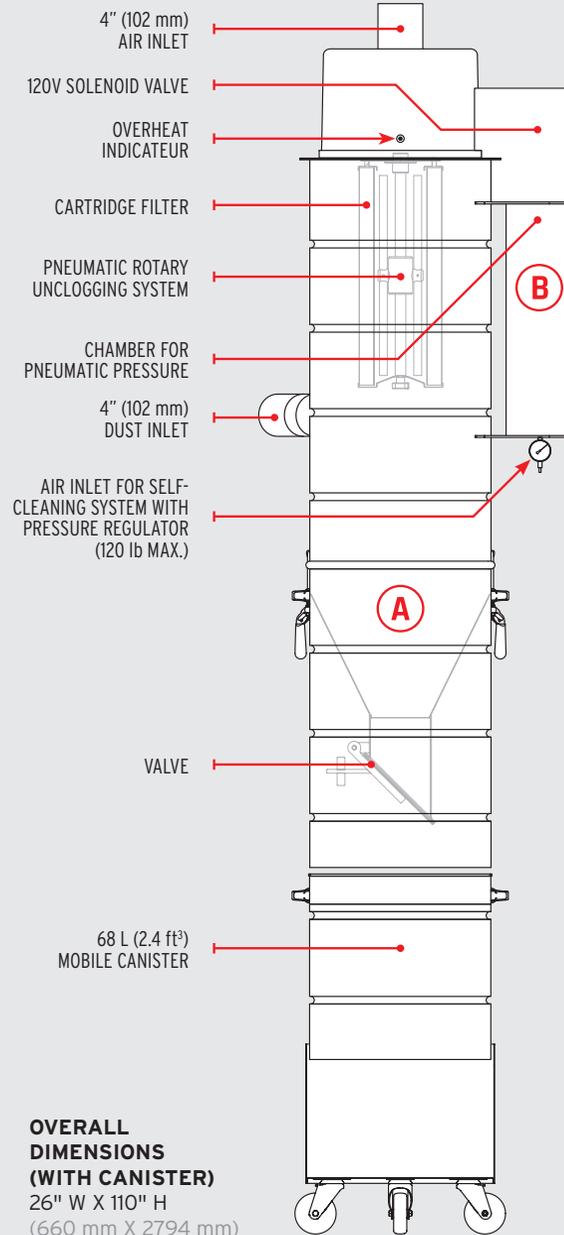
- ✓ Stainless steel body
- ✓ Self-cleaning cartridge filter
- ✓ Vacuum-operated valve
- ✓ Mobile canister included
- ✓ Overheat indicator
- ✓ Meets NFPA standards

A SEPARATOR

WEIGHT	265 lb (111 kg)
WALLS	0.0625" (16 mm)
CAPACITY OF THE SEPARATOR	66 L (2.3 ft³)
CAPACITY OF THE CANISTER	68 L (2.4 ft³)
DIMENSIONS	17" O.D. X 76" H (432 mm X 1930 mm)

B AIR CHAMBER

VOLUME	11.1 L (0.4 ft³)
ADAPTATEUR	1/4" NPT compressed air supply connection
DIMENSIONS	6" O.D. X 24" H (152 mm X 610 mm)



OVERALL DIMENSIONS (WITH CANISTER)
26" W X 110" H
(660 mm X 2794 mm)

SAFETY SEPARATOR

Installed between the main separator and the motor, the safety separator protects the motor from unsettled dust, giving you peace of mind and durability to your system.

SEPA.INOX03

Safety separator



- ✓ Stainless steel body
- ✓ Cartridge filter
- ✓ Detachable canister
- ✓ Meets NFPA standards

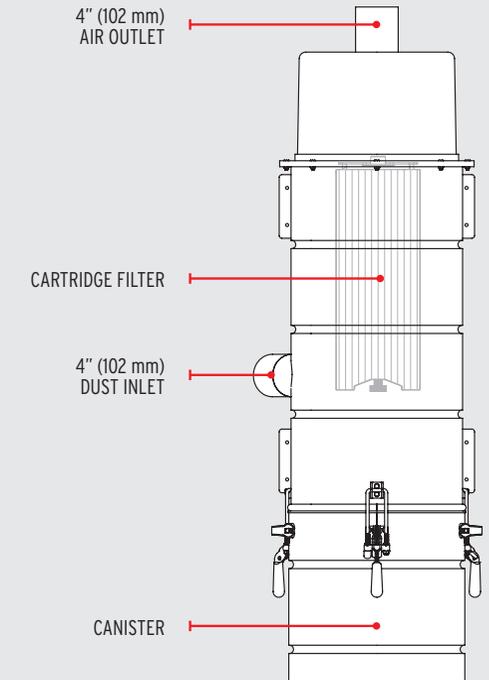
SEPA.NOIRO3

Safety separator

- ✓ Metal body, painted black
- ✓ Cartridge filter
- ✓ Detachable canister

SEPARATOR

WEIGHT	100 lb (45 kg)
WALLS	0.0625" (16 mm)
CAPACITY	68 L (2.4 ft³)
DIMENSIONS	16" O.D. X 56" H (406 mm X 1422 mm)

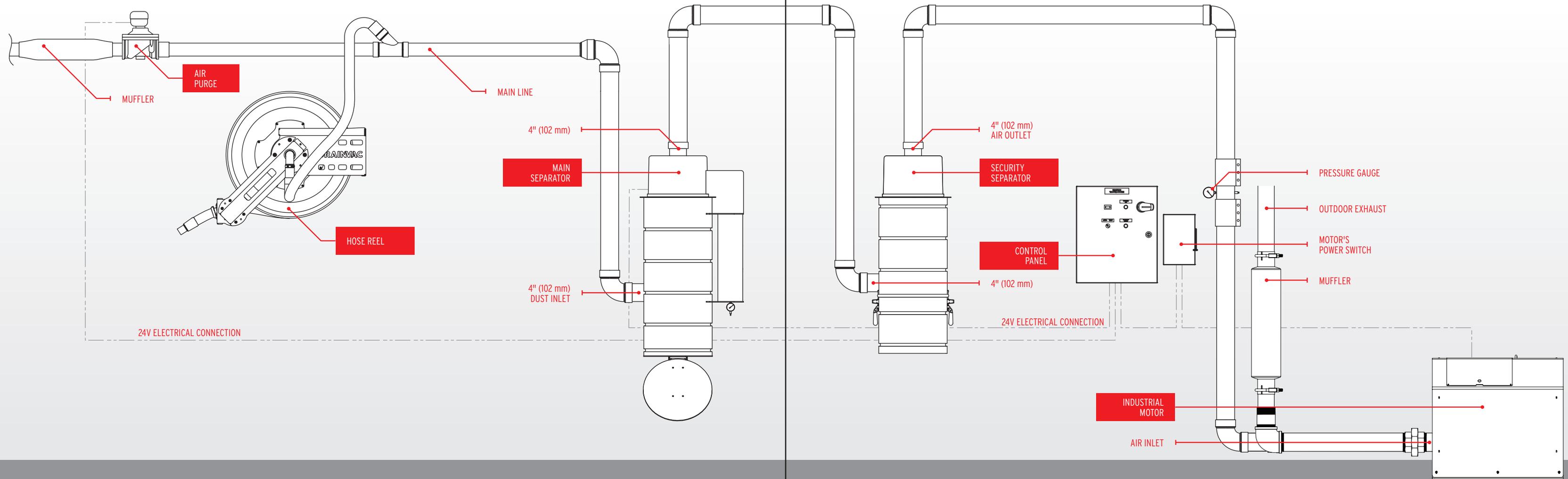


OVERALL DIMENSIONS
19" W X 56" H
(483 mm X 1422 mm)

INSTALLATION EXAMPLE

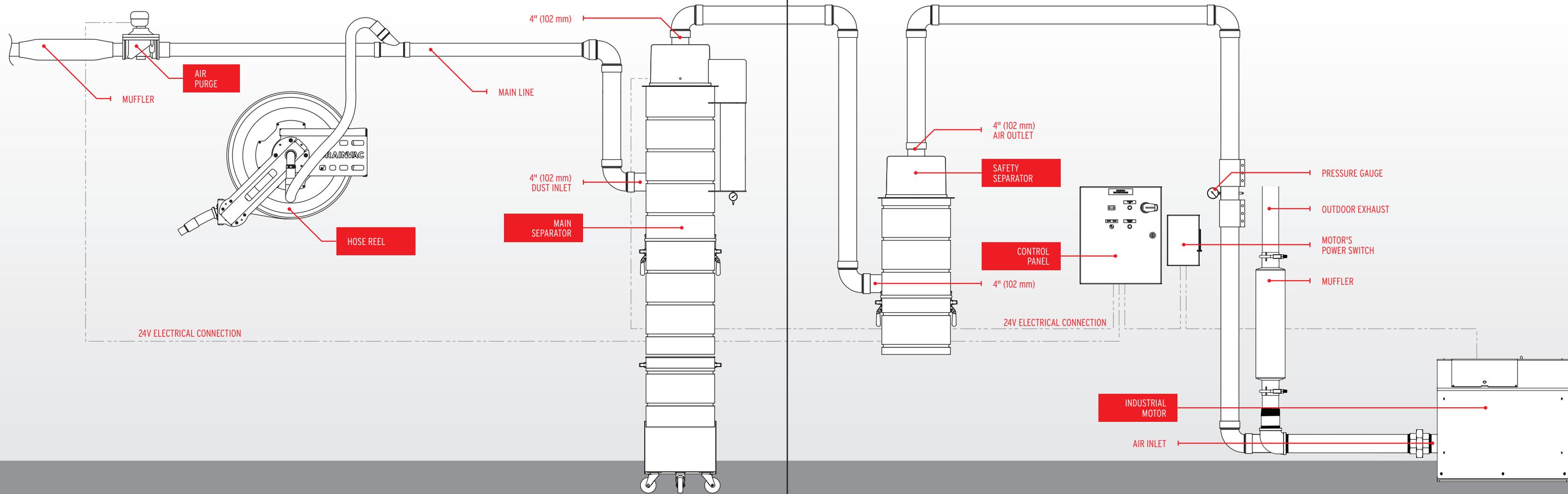
01

STANDARD INSTALLATION : SEPA.INOX01 + SEPA.NOIRO3



INSTALLATION EXAMPLE

02



THE ESSENTIALS



INDUSTRIAL MOTOR

- ✓ Regen type motor
- ✓ Available in 11 or 30 HP
- ✓ Equipped with an hour meter
- ✓ Meets NFPA standards
- ✓ Stainless steel protective housing
- ✓ Indoor or outdoor installation

Image may vary.

11 HP

1 to 2 users

AIR INLET	3" (76 mm)
AIR OUTLET	3" (76 mm)
FREQUENCY	60 Hz
POWER	8 kW (11 HP)
VOLTAGE	400-500Δ / 690-725Y
AMPS	15.1 A (Δ) / 8.8 A (Y)
MAX. AIRFLOW	365 CFM (620 m ³ /h)
MAX. VACUUM	141 H ₂ O (-350 mbar)
HEIGHT	22.6" (57.4 cm)
WIDTH	26.8" (68 cm)
LENGTH	22.6" (57.4 cm)
WEIGHT	226 lb (103 kg)

30 HP

3 to 6 users

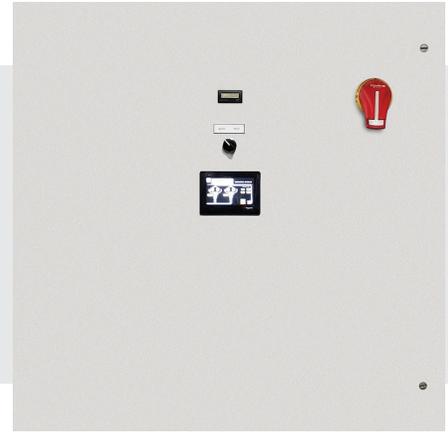
AIR INLET	4" (10 cm)
AIR OUTLET	4" (10 cm)
FREQUENCY	60 Hz
POWER	22 kW (30 HP)
VOLTAGE	400-500Δ / 690-725Y
AMPS	36.5 A (Δ) / 21 A (Y)
MAX. AIRFLOW	971 CFM (1650 m ³ /h)
MAX. VACUUM	130 H ₂ O (-320 mbar)
HEIGHT	31.3" (79.5 cm)
WIDTH	34.5" (87.6 cm)
LENGTH	35.6" (90.4 cm)
WEIGHT	506 lb (230 kg)

CONTROL PANEL

A centralized system requires a control panel to connect all of the electrical elements to it:

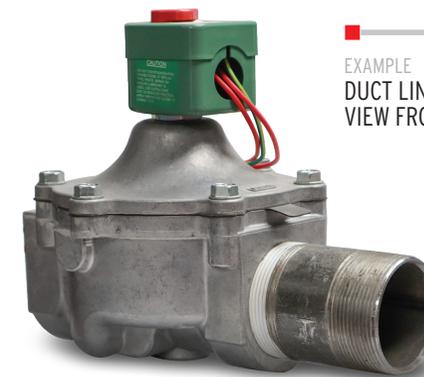
- Main separator
- Motor
- VFD (Variable Frequency Drive)
- Air purge (optional)

Panel dimensions vary according to the installation setup.

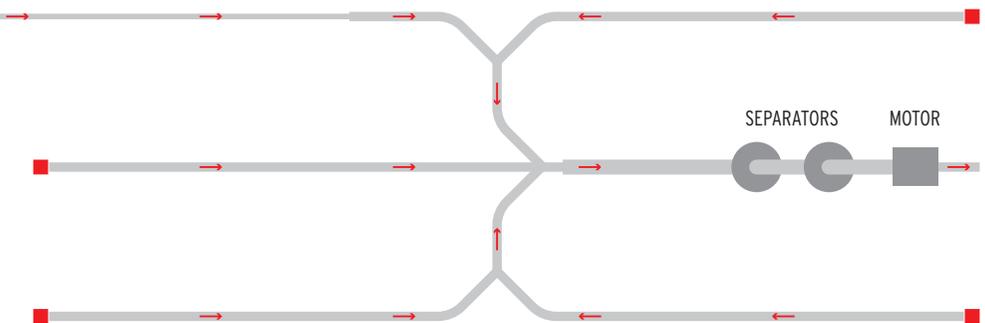


AIR PURGE

- ✓ Installed at the ends of duct lines
- ✓ Cleans ducts after each use
- ✓ Prevent the accumulation of combustible dust
- ✓ NFPA compliance



EXAMPLE
DUCT LINES,
VIEW FROM ABOVE



ENHANCE YOUR CLEANING EXPERIENCE WITH OUR SPECIALIZED TOOLS AND ACCESSORIES

VACREEL - HOSE REEL

- ✓ Reduces the risk of accidents
- ✓ Hose always at arm's reach
- ✓ 2 tools included
- ✓ Waterproof
- ✓ Does not require any electrical power
- ✓ Facilitates your cleaning methods
- ✓ Also available with optional anti-static hose



Accessory kit



Squeegee



Anti-static hose

INSTALLATIONS



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