

Air powered vacuum systems 50



Rely on **norclean** air powered vacuum systems to handle all material collection problems. These units are powerful and extremely efficient, having the maximum combination of airflow and suction capacity. They are the most powerful units available and are engineered to easily discharge the collected materials.

Designed, constructed and serviced to meet the demands of the toughest environments and applications:

- Air powered ejector systems create very high vacuum and suction capacities, without any moving parts.
- High efficiency filtration systems provide effective particle separation.
- Self-cleaning filter systems are available.
- Trolley mounted containers easily tip to empty the collected materials.
- Suction of dry or wet substances.
- Units are rugged, built to last, and simple to maintain.
- Interchangeable components offer the flexibility to solve any collection problem.
- All **norclean** equipment is supported by a prompt and professional service group, backed by readily available replacement parts.



Model Ab105 series units



Air powered ejector system, with light suction equipment for cleaning floors, walls, beam constructions, and the like. Suction equipment is simple to handle. Easily adapted for liquid suction applications. The versatile cleaner can be used in industries, institutions, or can be equipped with absolute filters for hazardous duty.

Weight (kg): 50,0.

Dimensions (mm): L=1140 W=550, H=1200.

Container volume (l): 67.

Practical collection volume (l): 40.

Filter system: Cartridge filter and dust bag.

Power head: Code no. 01 01 010.

Model Ab115 series units



Single container system, designed for heavy industrial cleaning of oil, chemicals, mud, cooling liquids, and water as well as short metal shavings, powders, sand, and other granules. Suction equipment is made for heavy duty work. Engineered so that trolley mounted container easily tips to empty materials.

Weight (kg): 51,0.

Dimensions (mm): L=1140, W =550, H=1200.

Container volume (l): 67.

Practical collection volume (l): 40.

Filter system: Filter bag system 50.

Power head: Code no. 01 01 020.

Model Ab305 series units



Dual container system, with preseparator, designed for the collection of dust, powder, sand, and other fine granules. This system contains three separation/filtration stages that ensure optimum cleaning efficiency. Suction equipment is strong and durable. Engineered so that trolley mounted containers easily tip to empty materials.

Weight (kg): 69,0.

Dimensions (mm): L=1760, W=550, H=1200.

Container volume (l): 67 + 67.

Practical collection volume (l): 50 + 40.

Filter system: Cartridge filter and dust bag.

Power head: Code no. 01 01 020.

Model Ab405 series units



Dual container system, designed for removal of industrial waste. This powerful suction unit comes equipped with a silo and filter container for the removal of industrial waste materials. Special swivelling, locking wheels are sized to increase mobility, and make the handling of heavy loads simple. The silo is designed to allow the material collected to be discharged over gratings or chutes for the central collection of materials. The unit can be equipped with an adjustable counterweight valve and sack holder for discharge into sacks. These models include provisions for handling by forklift.

Weight (kg): 119,0.

Dimensions (mm): L=1400, W=730, H=1820.

Container volume (l): 86 + 67.

Practical collection volume (l): 58 + 40.

Filter system: Cartridge filter and dust bag.

Power head: Code no. 01 01 040.

Model Ab425 series units



Dual container system, designed for removal of industrial waste. This powerful suction unit comes equipped with a silo and filter container fitted with our exclusive NVF self-cleaning filter ensuring the efficient filtration of large quantities of fine dust. The NVF filter is cleaned automatically when the air supply is turned off. Special swivelling, locking wheels are sized to increase mobility, and make the handling of heavy loads especially simple. The unit is equipped with an adjustable counterweight valve and sack holder for discharge into sacks. These models include provisions for handling by forklift.

Weight (kg): 149,0
Dimensions (mm): L=1400, W=730, H=1820.
Container volume (l): 86 + 67.
Practical collection volume (l): 58 + 40.
Filter system: NVF filter 1,6-I system 50.
Power head: Code no. 01 01 040.

Model Ab450 series units



Single container system for fixed installation. With NVF filter automatically cleaned at each system stop. Cyclonic discharge of the material into container of 47 or 67 litres. Can be supplied with all parts antistatic or conductive to avoid sparks from static electrical loading. Powerful vacuum producer suitable for recovery of liquids and granulated material.

Weight (kg): 88,0.
Dimensions (mm): L=700, W=380, H=1670.
Container volume (l): 47.
Practical collection volume (l): 47.
Filter system: NVF filter 1,6-I, system 50.
Power head: Code no. 01 01 030.

Model Ab470 series units



Dual container system for fixed installation built on frame. Grit and granulate discharger for splitting of e.g. blasting grit from fine dust. Installed on silo for grit storage. Dust is discharged in NVF filter and collected in container. The filter is automatically cleaned at a system shut off, or can be done automatically by installation of control system. Heavy-duty vacuum producer for material collection over rather long distance. Suitable for collection of mixed dusty and granulated products.

Weight (kg): 165,0.
Dimensions (mm): L=1370, W=880, H=1960.
Practical collection volume: 58 + 67
Filter system: NVF filter 1,6-I, system 50.
Power head: Code no. 01 01 040.

All models in these series can be used with other ejector type power heads in the system 50 groups and can be equipped with a wide range of filtration options (Model number changes with each option). Technical data; see last page.

THE **norcelean** PERFORMANCE – PRODUCT/SERVICE/EXPERIENCE – MEANS REAL VALUE

norcelean Products:

We design and build the best quality and most innovative industrial vacuum systems available. We provide an extensive range of models with interchangeable components. Depend on **norcelean** to custom design a system to meet your particular need or application.

norcelean Service:

Our fully trained distributors and field service engineers can provide the prompt, professional service that you must have to solve your industrial cleaning problems. They are supported by a readily available stock of replacement parts.

norcelean Experience:

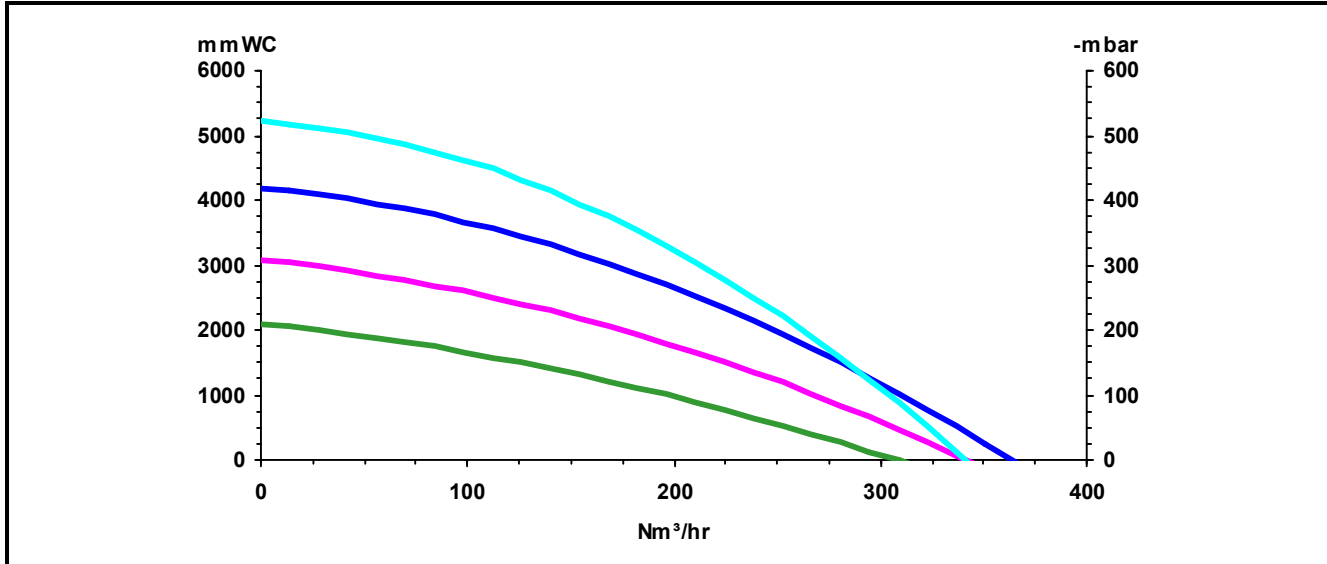
By a careful research of our customers' unique material handling needs, we have been able to produce industrial vacuum systems, which meet those needs efficiently and reliably. For more than 30 years, our products have been proven winners in diverse industries throughout the world.

Technical data (Power head)

Code no.	Compressed air consumption Nm ³ /min	Max. vacuum		Max. air flow Nm ³ /hr	Noise level* dB(A)	Ø std. suction hose mm
		mmWC	-mbar			
01 01 010	1,0	2100	210	306	72,0	51
01 01 020	1,6	3100	310	342	74,0	51
01 01 030	2,2	4200	420	360	73,5	51
01 01 040	3,0	5200	520	342	75,5	51

*Measured at dist. 3 m, height 1,1 m

Capacity diagram (air pressure 7 bar)



Compressed air hose sizes

Code no.	Necessary hose dimension for compressed air line, inner diameter.										
01 01 010	Orange		Yellow		Green		Pink				
01 01 020	Yellow			Green		Pink	Blue				
01 01 030	Yellow		Green		Pink	Blue	Purple				
01 01 040	Yellow		Green		Pink	Blue	Purple				
Distance from compressor in meters	5	10	15	20	30	40	50	100	200	300	400
Inner diameter	½" 12mm	¾" 20mm	1" 25mm		1 ¼" 32mm		1 ½" 38mm		2" 51mm		

IMPORTANT! Too long and/or too small hoses, result in high pressure loss in compressed air supply, and hence reduced capacity. Couplings must have sufficient flow area. Quick disconnecting couplings are not recommended. To avoid continuous running of compressor at high speed, we recommend a compressor capacity higher than the ejector unit consumption.

We reserve the right to alter and redesign the product.



SANDEFJORD – NORWAY

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WARNING!

If this unit shall be used for collection of hazardous, explosive or high flammable material, or in areas where such is present, get in touch with the manufacturer for technical advice.