

Air powered vacuum systems 200



Rely on **noreclean** 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 material.



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

- Air powered ejector systems create extremely high vacuum and suction capacities, without any moving parts.
- The systems can be operated manually, semi-automatically or automatically.
- Large container volumes and easy discharge of collected materials.
- High efficiency filtration systems provide effective particle separation. Self-cleaning systems are available.
- Suction of dry or wet substances is provided.
- Units are rugged, built to last and simple to maintain.
- Interchangeable components offer the flexibility to solve any collection problem.
- All **noreclean** equipment is supported by a prompt and professional service group, backed by readily available replacement parts.

Model Ab500 series units



Single container system, designed for the collection of coarse particles, such as chips and granules as well as liquids and mud. The high vacuum allows transportation of material over long distances. The container can also be supplied with bottom drain valve for a quicker discharge of liquids.
Weight (kg): 72,0.
Dimensions (mm): L=925, W=850, H=1380.
Container volume (l): 220.
Practical collection volume (l): 160.
Filter system: Filter bag system 200.
Float ball for liquid shut-off.
Power head: NE54, code no. 01 02 010.

Model Ab510 series units



Single container system, designed for the collection of large quantities of coarse particles, such as chips and granules as well as liquids and mud. The high vacuum allows transportation of material over long distances. Trolley mounted container easily tips to discharge its contents. Including slots for forklift handling. This makes the system mobile and flexible.
Weight (kg): 112,0.
Dimensions (mm): L=925, W=730, H=1640.
Container volume (l): 220.
Practical collection volume (l): 160.
Filter system: Filter bag system 200.
Float ball for liquid shut-off.
Power head: NE 54, code no. 01 02 010.

Model Ab570 series units



Mobile silo system with high suction capacity, designed for the collection of dusty materials, such as granules and steel grit as well as liquids and mud. The silo is equipped with a manually operated discharge valve. Can be supplied with counterweight valve or pneumatic operated valve for automatic operations. Equipped with the very efficient and self-cleaning **norclean** NVF filter. Including slots for forklift handling.
Weight (kg): 208,0.
Dimensions (mm): L=1020, W=880, H=2090.
Discharge height (mm): 150.
Container volume (l): 230.
Practical collection volume (l): 146.
Filter system: NVF filter 3.15-I system 200.
Power head: NE64, code no. 01 02 030.

Model Ab580 series units



Powerful and flexible vacuum model installed on trolley, equipped with grit/dust discharge unit on preseparator silo. The cleaned grit can be emptied into bucket elevator or floor bin. The dust is trapped in the NVF filter and collected in the second stage silo. Suitable for use in blasting halls for grit recovery and cleaning of blasted hulls and steel structures.
Weight (kg): 290,0.
Dimensions (mm): L=1640, W=890, H=1820.
Discharge height (mm): 150.
Practical collection volume silo (l): 230.
Filter system: NVF filter 3.15-I system 200.
Power head: NE76, code no. 01 02 060.

Model Ab600 series units



Silo system with high suction capacity for fixed or semi-mobile installations. Designed for the collection of dusty materials such as granules, steel grit and recovery of precious metals. The silo is equipped with manually operated discharge valve. Can be supplied with counterweight valve or pneumatically operated valve for automatic operations. Equipped with the very efficient and self-cleaning **norclean** NVF filter. The unit is entirely automatic and operated from the place of work.

Weight (kg): 147,0.

Dimensions (mm): L=1150, W=1000, H=2740 (max) 2230 (min).

Container volume (l): 230.

Practical collection volume (l): 146

Filter system: NVF filter 3.15-I system 200

Power head: NE64, code no. 01 02 030.

Model Ab710 series units



This robust and extremely powerful system is designed for the recovery of blasting shot. Equipped with remote control, pneumatically operated pinch valve and the self-cleaning **norclean** NVF filter. The system is entirely automatic and operated from the place of work. Most of the dust is separated from the blasting shot. The dust is channelled into its own container, while the blasting shot is led back into the blasting pot.

Weight (kg): 266,0

Dimensions (mm): L=1875, W=1000, H=3025 (max) 2515 (min).

Practical collection volume silo (l): 230.

Filter system: NVF filter 3.15-I system 200

Power head: NE74, code no. 01 02 050.

Model Ab720 series units



An extremely powerful vacuum unit for the collection of blasting grit and other granulated material. The combination of high maximum vacuum and high airflow make material transport over long distance possible. Compact design, built on a frame with the possibility of transportation by forklift. Equipped with grit and dust separator. The clean grit is collected in a silo and can be re-used. The dust is trapped in a high efficient **norclean** NVF filter and from this discharged into a dustbin.

Weight (kg): 300,0.

Dimensions (mm): L=1530, W=1000, H=2870 (max.) 2375 (min.)

Practical collection volume silo (l): 230.

Filter system: NVF filter 5.25-I system 200.

Power head: NE96, code no. 01 02 035.

All models in these series can be used with other ejector type power heads in the system 200 group and can be equipped with a wide range of filtration options (Model number changes with each option). Technical data; see last page.

THE NORCLEAN PERFORMANCE – PRODUCT/SERVICE/EXPERIENCE – MEANS REAL VALUE

NORCLEAN 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 **NORCLEAN** to custom design a system to meet your particular need or application.

NORCLEAN 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.

NORCLEAN Experience:

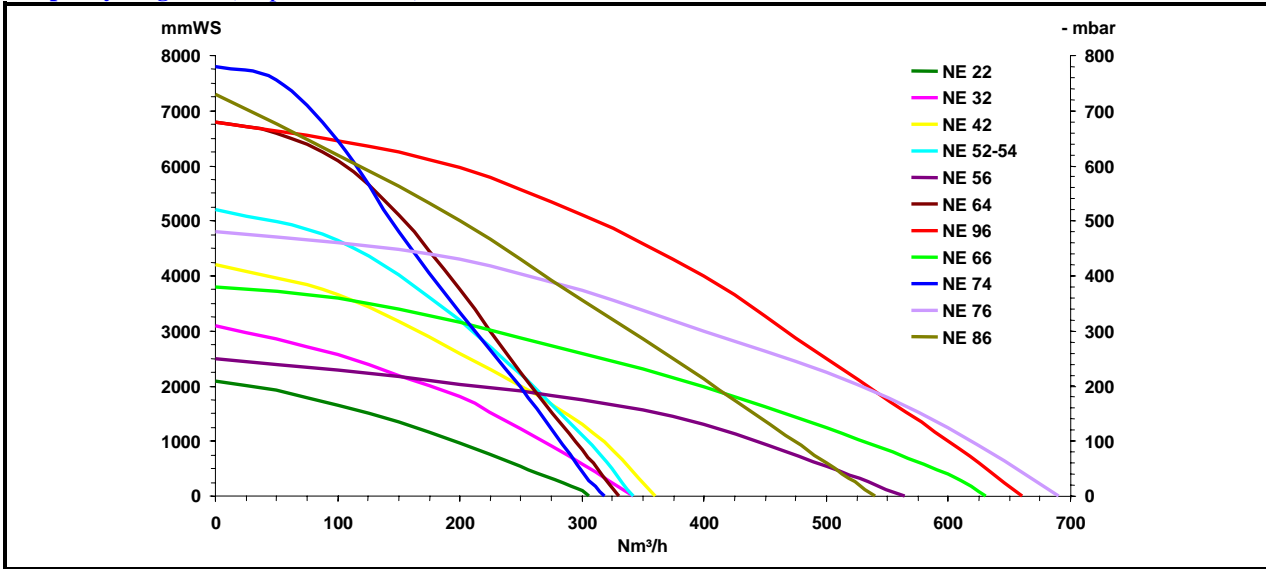
By a careful research of our customers' unique material handling needs, we have been able to produce industrial vacuum systems, which meet those needs efficiently and reliably. For more than 30 years, our products have been proven winners in diverse industries throughout the world.

Technical data (Power head)

Code no.		Compressed air consumption	Max. vacuum		Max. air flow	Noise level*	Ø std. suction hose
			Nm ³ /min	mmWC			
01 01 030	NE42	2,2	4200	42	360	73,5	51
01 01 040	NE52	3,0	5200	52	342	75,5	51
01 02 010	NE54	3,0	5200	52	342	75,5	51
01 02 020	NE56	2,7	2500	25	564	73,5	76
01 02 030	NE64	4,3	6800	68	330	77,0	63
01 02 040	NE66	4,1	3800	38	630	76,5	76
01 02 050	NE74	5,3	7800	78	318	75,0	63
01 02 060	NE76	5,4	4800	48	690	78,0	76
01 02 070	NE86	9,5	7300	73	540	78,0	76
01 02 080	NE96	8,6	6800	68	660	78,0	76

*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 01 030	[Hose dimension bar]										
01 01 040	[Hose dimension bar]										
01 02 010	[Hose dimension bar]										
01 02 020	[Hose dimension bar]										
01 02 030	[Hose dimension bar]										
01 02 040	[Hose dimension bar]										
01 02 050	[Hose dimension bar]										
01 02 060	[Hose dimension bar]										
01 02 070	[Hose dimension bar]										
01 02 080	[Hose dimension bar]										
Distance from compressor in meters	5	10	15	20	30	40	50	100	200	300	400
Inner diameter	¾" 20mm	1" 25mm	1 ¼" 32mm	1 ½" 38mm	2" 51mm	2 ½" 63mm					

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.



Environmental Clean Air Company
 368 Ashton Way, Winder, GA 30680
 1-800-863-5481 Fax 1-770-867-0586
www.environmentalcleanair.com
 email - sales@environmentalcleanair.com

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.