

722A, configurable

A powerful dust collector, excellent high vacuum for suction over long horizontal and vertical distance



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- ✓ Robust and efficient self-cleaning filter
- ✓ Very powerful and reliable ejector as vacuum producer
- ✓ Suitable for heavy and/or abrasive material
- ✓ Control system with many different functions is available as an accessory

Nederman Pre-separation and Vacuum Transportation Systems pre-separate and discharge dust and granulated material during vacuuming and vacuum transport.

A system can handle dry material like cement, fertilizers, grit, sand, as well as wet material. Collected material can be discharged into tanks, containers, big-bags, on to conveyor belts, escalators etc.

The configuration of modules will be similar to 722A which are aimed for the toughest applications, for example handling a lot of abrasive and heavy material. The robustness of the unit and the power from the reliable ejector makes the unit very suitable for many applications where many industrial vacuum cleaners can not be used. For example to collect blasting material in blasting hall, sand recovery in foundries etc.

Your unit can be configured to meet your specific demands. Different ejectors can be used depending on the demand but also the availability of compressed air. The ejector can be placed on a stationary silo with filter.

Nederman has a range of different discharge valves that can be fitted to the silo for easy discharge of the collected material. If handling larger quantities of material and in order to make the material handling more effective Nederman recommends using a pre separator before the vacuum unit. The 722A is a complete unit including a pre separator.

To configure your 722A you may only choose modules listed in this document and with mfc (module for configuration) in title. Filterside:

1. Select ejector module depending on required vacuum and air flow.
2. Select filter module depending on filter capacity.
3. Select silo module.
4. Select disposal option, bagholder and discharge valve.

Separator side:

1. Select coarse grain separator.
2. Select silo module.
3. Select discharge valve.
4. Select frame.
5. Select hose for connection between vacuum cleaner and separator.
6. Select joint sleeve depending on coarse grain separator and hose.
7. Select cleaning equipment.

Choose how to control your butterfly valve:

1. Electric controlled
 - You need a namur valve, solenoid valve recommended for the ejector size you choose and a suitable control box.
2. Air controlled
 - You need a namur valve.

Hose for air supply to the namur valve is not supplied by Nederman....

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Filter Area (m²)	3,15
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Models














	Item no	Compressed air requirement	Max airflow (m³/h)	Noise level (dB(A))	Max vacuum (kPa)	Weight (kg)	Filter type	Number of filter elements
	43443001							
	43461007							
	43561001							
	43661008							
	43751041							
	43051000 ^[1]	4,3 Nm³/min @ 7 bar	330 Nm³/h	77	-68	18		
	43051001 ^[1]	5,3 Nm³/min @ 7 bar	318 Nm³/h	75	-78	18		
	43051002 ^[2]	5,4 Nm³/min @ 7 bar	690 Nm³/h	78	-48	18		
	43051003 ^[2]	8,6 Nm³/min @ 7 bar	660 Nm³/h	78	-68	18		
	43164101					55	Candle filter	70
	43640001					3		
	43640003 ^[3]					3		

^[1] Recommended with filtermodule 43162101














^[2] Recommended with filtermodule 43164101

^[3] Recommended with 43630100














Accessories

	Accessory	Item no
	Discharge valve manual	43630001
	Pinch valve DN65	43632001
	Manual butterfly valve kit, MFC	43630400
	Pinch valve DN80	43632100
	Pinch valve DN100	43632200
	Disch valve w/counterwt	43630200
	Discharge valve pneum	43630100
	Discharge valve Linatex d100 set w/	43630300
	Bagholder f/big bag	43640201
	Bagholder for big bag, MFC	43640217
	Control S for NE 22-76, wo/control box	43220026
	Control S for NE86-96, wo/control box	43220008
	Control S for NE 22-76	43220001














Accessories

	Accessory	Item no
	Electrical Control system for ejector NE 86 (Suction time: 0-5 min, Discharge time: 0-15 sek)	43222001
	Mountingplate f/0802010 +0801020	43690001
	Control System for Ejectors	43220034
	ATEX-approved bin level indicator providing safe monitoring in hazardous environments with detailed user manual instructions.	40375269
	Hose PU12-51 L=10m	43832600
	Hose PU12-51 L=5m	43832500
	Hose PU12-51 L=20m	43832300
	Hose PU12-51 L=7,5m w. couplings	43832102
	Hose PU12-51 L=10m w. couplers	43832200
	Hose PU12-63 L=5m	43833200
	Hose PU12-63 L=10m	43833001
	Hose PU12-63 L=20m	43833100
	Hose PU12-76 L=10m	43834200













Accessories

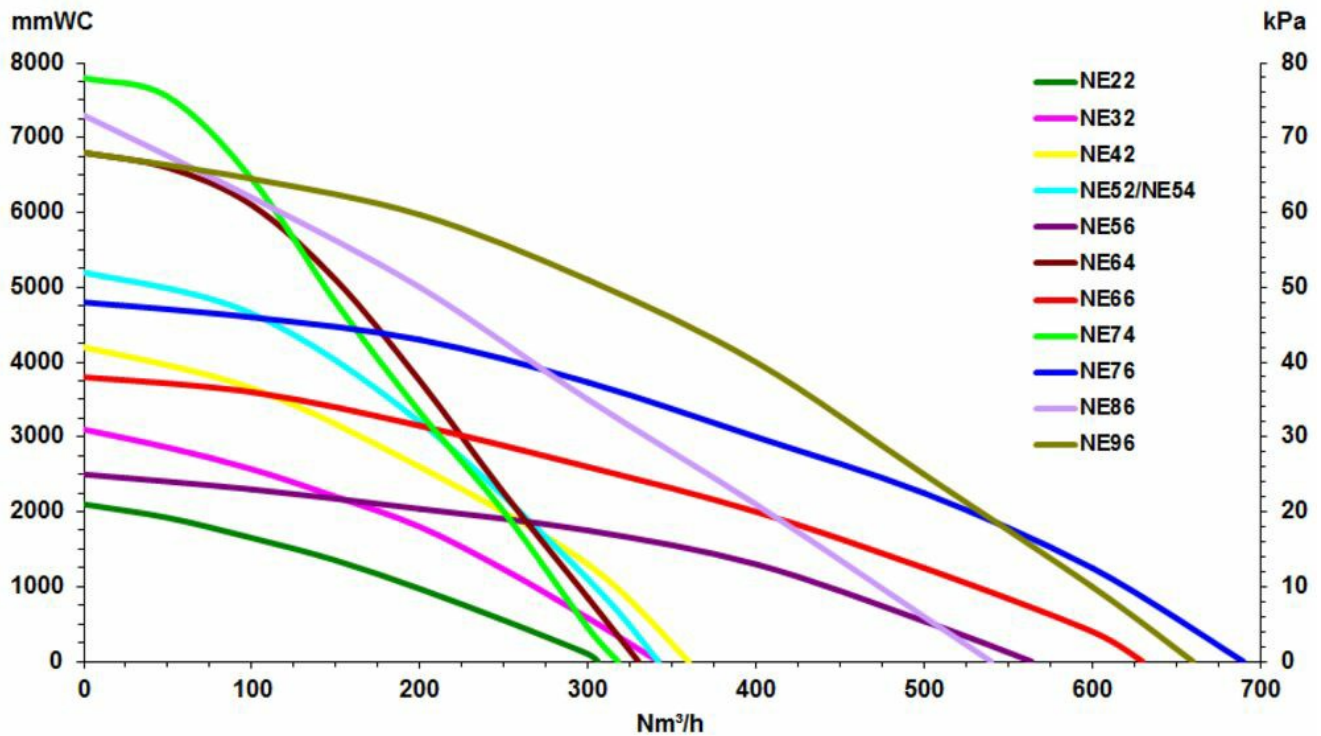
	Accessory	Item no
	Hose PU12-76 L=20m	43834300
	Suct equip compl d51/500	42932100
	Suct equip compl d51/400	42932800
	Suct equip compl d51/400	42932300
	Floor suct head d51/500	43840150
	Floor suct headd51/400/65	43840250
	Brush suct head d51/400	43840550
	Hand suct h stiff brushd51	43860001
	Hand suct head pp d51	43861001
	Conical nozzle d51	43862001
	Suct pipe bend d51 antist	43842150
	Suction pipe d51 PEHD-el 1m	43842001
	Gulper head d51 w/handle	43850150

Accessories

	Accessory	Item no
	Gulper head d51	43850001
	Scraping tool d51 l1000	43851150
	Scraping tool d51 l500	43851050
	Nozzle swarf D=50mm	40150030
	Floor suct head d63/500	43840400
	Gulper head d63	43850050
	Gulper head d63 hatch	43850051
	Gulper head d63 w/handle	43850200
	Scraping tool d63 l1000	43851200
	Suct pipe bend alum d63	43843050
	Swivel steel d63	43843100
	Suction pipe alum d63	43843001
	Scraping tool d63 l500	43851100

Accessories

	Accessory	Item no
	Gulper head d76	43850100
	Gulper head d76 w/handle	43850250
	Scraping tool d76 l1000	43851250
	Hose red conical d76-63	43880350
	Red conical d76-51, including flap valve 43885001	43880300
	Hose red conical d63-51	43880250
	Joint sleeve d75-89/d53-63mm	43884464
	Joint sleeve d65-75	43884463
	Joint sleeve d98-114/d70-88	43884462
	Hose Clamp d77-95mm	40376025
	Hose connect conical d76	43880150
	Floor suct head d63/600	43840450



Air Powered ejectors All performance data are based on 7 bar supply pressure

Ejector/Hose dimension	ø51mm	ø63mm	ø76mm
NE64	2	2,4	N/A
NE74	2,3	2,7	N/A
NE76	1,7	2,7	3,6
NE96	2,6	3,6	4,9

Capacity (tonne/hour) with Blasting media 2,4kg/liter and 20m hose

