

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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Modèles














	Référence	[ItemCompressedAirRequirement]	[ItemMaxAirFlow]	Volume sonore (dB(A))	[ItemMaxVaccum]	Poids (kg)	Type de filtre	Nombre d'éléments filtrants
	43443001							
	43461007							
	43561001							
	43661008							
	43751041							
	43051000 ^[1]	4,3 Nm ³ /min @ 7 bar	330 Nm ³ /h	77	-68	18		
	43051001 ^[1]	5,3 Nm ³ /min @ 7 bar	318 Nm ³ /h	75	-78	18		
	43051002 ^[2]	5,4 Nm ³ /min @ 7 bar	690 Nm ³ /h	78	-48	18		
	43051003 ^[2]	8,6 Nm ³ /min @ 7 bar	660 Nm ³ /h	78	-68	18		
	43164101					55	Filtre à bougie	70
	43640001					3		
	43640003 ^[3]					3		

^[1] Recommandé avec le module de filtre 43162101














^[2] Recommandé avec le module de filtre 43164101

^[3] Recommandé avec 43630100














Accessories

	Accessoire	Référence
	Vanne de décharge manuelle	43630001
	Vanne d'étranglement DN65	43632001
	Ensemble vanne papillon, MFC	43630400
	Vanne d'étranglement DN80	43632100
	Vanne d'étranglement DN100	43632200
	Vanne déch. av. contrepoids	43630200
	Vanne de décharge pneum.	43630100
	Kit Vanne de décharge Linatex d100 av.	43630300
	Support pour grand sac	43640201
	Bagholder for big bag, MFC	43640217
	Commande Sfor NE 22-76, sans boîtier de commande	43220026
	Commande Sfor NE 86, ss boîtier de commande	43222008
	Commande S pour NE 22-76	43220001














Accessories

	Accessoire	Référence
	Système de commande électrique pour éjecteur NE 86. (temps d'aspiration : 0 - 5 min., temps de décharge : 0-15 sec.)	43222001
	Plaque de montage pour 0802010/+0801020	43690001
	Control System for Ejectors	43220034
	BLI EX	40375269
	Tuyau PU12-51 L=10m	43832600
	Tuyau PU12-51 L=5m	43832500
	Tuyau PU12-51 L=20m	43832300
	Tuyau PU12-51 L=7,5 m a. raccords	43832102
	Tuyau PU12-51 L=10 m a. raccords	43832200
	Tuyau PU12-63 L=5m	43833200
	Tuyau PU12-63 L=10m	43833001
	Tuyau PU12-63 L=20m	43833100
	Tuyau PU12-76 L=10m	43834200













Accessories

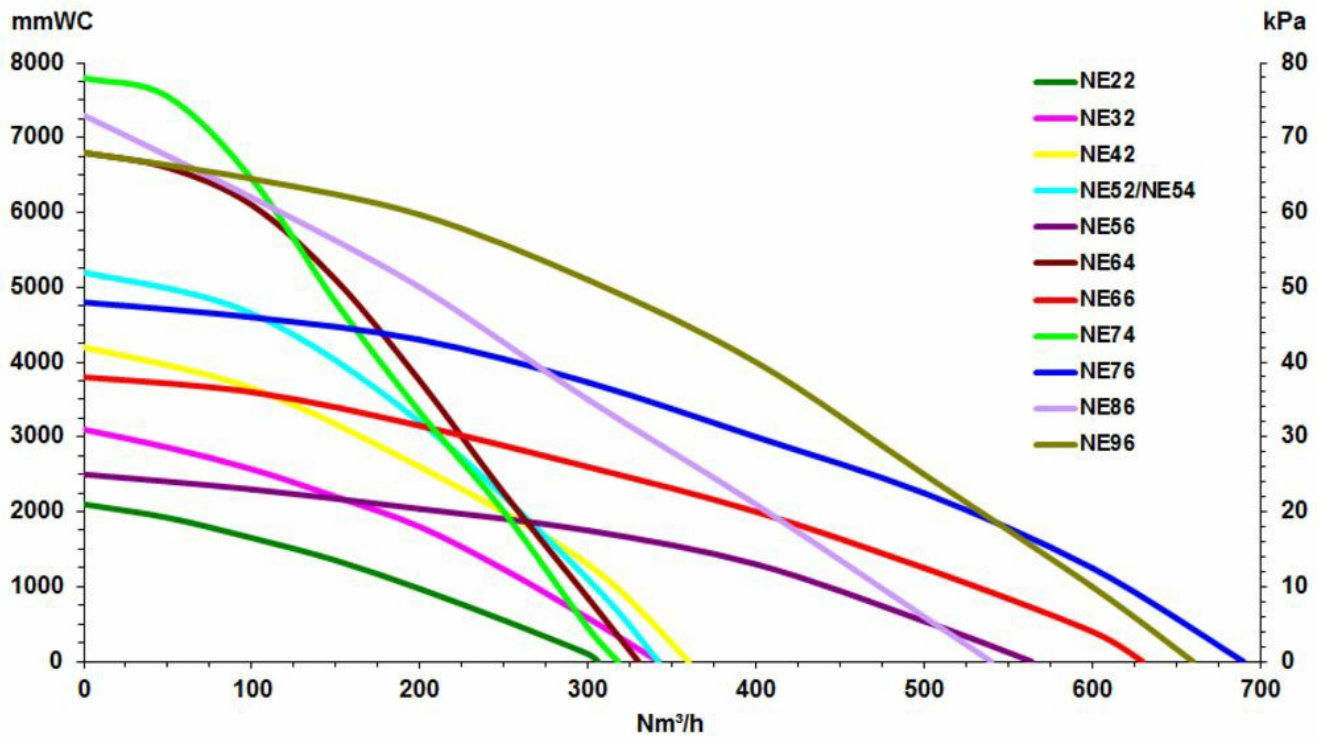
	Accessoire	Référence
	Tuyau PU12-76 L=20m	43834300
	Équip. d'asp. compl. d51/500	42932100
	Équip. d'asp. compl. d51/400	42932800
	Équip. d'asp. compl. d51/400	42932300
	Tête d'aspiration sol d51/500	43840150
	Tête d'aspiration sol 51/400/65	43840250
	Tête d'aspiration brosse d51/400	43840550
	Tête d'asp. man. rigide brushd51	43860001
	Tête d'aspiration manuelle pp d51	43861001
	Buse conique d51	43862001
	Conduite d'asp. coudé d51 antistat.	43842150
	Conduite d'aspiration d51 PEHD-el 1 m	43842001
	Brosse dure d51 avec poignée	43850150

Accessories

	Accessoire	Référence
	Brosse dure d51	43850001
	Outil racleur d51 l1000	43851150
	Outil racleur d51 l500	43851050
	Buse copeaux D=50 mm	40150030
	Tête d'aspiration sol d63/500	43840400
	Brosse dure d63	43850050
	Brosse dure d63 manche	43850051
	Brosse dure d63 avec poignée	43850200
	Outil racleur d63 l1000	43851200
	Conduite d'asp. coudé alum d63	43843050
	Rotule acier d63	43843100
	Conduite d'aspiration alum. d63	43843001
	Outil racleur d63 l500	43851100

Accessories

	Accessoire	Référence
	Brosse dure d76	43850100
	Brosse dure d76 avec poignée	43850250
	Outil racleur d76 I1000	43851250
	Tuyau rouge conique d76-63	43880350
	Réd. conique d76-51	43880300
	Tuyau rouge conique d63-51	43880250
	Manchon raccord d75-89/d53-63 mm	43884464
	Manchon raccord d65-75	43884463
	Manchon raccord d98-114/d70-88	43884462
	Collier de serrage d77-95mm	40376025
	Connecteur de tuyau conique d76	43880150
	Tête d'aspiration sol 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

