

722A, configurable

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

722A, configurable



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.

Separatorside:

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.

Ensure you meet all requirements for your modules.

722A, configurable

- 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

Produktnavn	722A, configurable
Filterområdet (m ²)	3,15

722A, configurable























Bilde	Navn på datablad	Vekt (kg)	Model
	Silo S200 for wall without inlet		43443001
	Silo S200 for wall mounting, d76 suction inlet, with flange		43461007
	Coarse grain separator S200 d76/76 for plastic fasteners		43561001
	Coarse grain separator d102/76 adjustable for plastic fasteners		43661008
	Frame S200/S200 adjustable		43751041
	NE64, Ejectormodule with S200 lid and 2 quick couplings	18	43051000*
	NE74, Ejectormodule with S200 lid and 2 quick couplings	18	43051001*
	NE76, Ejectormodule with S200 lid and 2 quick couplings	18	43051002**
	NE96, Ejectormodule with S200 lid and 2 quick couplings	18	43051003**
	Filtermodule NCF, 5,25 m2 filterarea, I S200 Vyon F. MFC	55	43164101
	Bagholder for 43630200 or 43631001	3	43640001
	Bagholder for 43630100, for pneumatic discharge valve	3	43640003***

*Recommended with filtermodule 43162101

**Recommended with filtermodule 43164101

***Recommended with 43630100























722A, configurable

Tilbehør		Artikkelnummer
	Pneumatically operated butterfly discharge valve	43630500*
	Discharge valve manual	43630001**
	Pinch valve DN65	43632001
	Manually operated butterfly discharge valve	43630400*
	Pinch valve DN80	43632100
	Pinch valve DN100	43632200
	Discharge valve with counterweight	43630200**
	Discharge valve, pneumatically operated	43630100**
	Discharge valve Linatex d100 set with reducer for flange	43630300
	Bagholder big bag with pneumatically operated discharge valve	43640201
	Bagholder for big bag, MFC	43640217***
	Control S for NE 22-76	43220026
	Control S for NE86-96	43222008
	Control S for NE 22-76	43220001
	Electrical Control system for ejector NE 86	43222001
	Mountingplate for controlbox, S200	43690001
	Control system for ejectors	43220034
	Level control for silo continuous feed out	43251001
	Bin Level Indicator (BLI) EX	40375269
	Slange PU12 Ø 51 L=10 m	43832600
	Slange PU12 Ø 51 L=5m	43832500
	Slange PU12 Ø 51 L=20 m	43832300

722A, configurable

Tilbehør		Artikkelnummer
	Slange PU12 Ø 51 L=7,5m med koblinger	43832102****
	Slange PU12 Ø 51 L=10 m m/koblinger	43832200****
	Slange PU12 Ø 63 L=5m	43833200
	Slange PU12 Ø 63 L=10 m	43833001
	Slange PU12 Ø 63 L=20 m	43833100
	Slange PU12 Ø 76 L=10 m	43834200
	Slange PU12 Ø 76 L=20 m	43834300
	Sugeutstyr komplett for gulv. Munnstykke med d38 hjul og gummilepper. Bredde 500mm. D51 tilkobling	42932100*****
	Sugeutstyr komplett for gulv. Uten hjul.Med børster. Bredde 400mm. D51 tilkobling	42932800*****
	Sugeutstyr komplett for gulv. Munnstykke med d65 hjul og gummilepper. Bredde 400mm. D51 tilkobling	42932300*****
	Gulvmunnstykke,bredde 500 mm med små nylonhjul	43840150*****
	Gulvmunnstykke,bredde 400 mm med store gummihjul	43840250*****
	Gulvmunnstykke bredde 400 mm uten hjul for tørrsuging	43840550*****
	Håndmunnstykke,hard børste Ø90 mm	43860001*****
	Tannet munnstykke bredde 130 mm	43861001*****
	Konisk munnstykke Lengde 250 mm	43862001*****
	Albuerør,Ø51 mm	43842150*****
	Rengjøringsrør,lengde 1100 mm,Ø51 mm	43842001*****
	Bulk munnstykke for gulv lengde 1200 mm	43850150*****
	Bulk munnstykke Lengde 910 mm	43850001*****
	Skrapemunnstykke,lengde: 1000 mm	43851150*****
	Skrapemunnstykke,lengde: 500 mm	43851050*****

722A, configurable

	Tilbehør	Artikkelnummer
	Stålsponmunnstykke, Ø50 mm, dempet innløp	40150030*****
	Floor suction head width 500mm, Ø63	43840400*****
	Bulk munnstykke lengde 910 mm	43850050*****
	Bulk munnstykke lengde 910 mm for svivel	43850051*****
	Bulk munnstykke for gulv, lengde 1200 mm	43850200*****
	Munnstykke, håndskraper, lengde 1000 mm	43851200*****
	Sugerørbøy alum d63	43843050*****
	Stålsvivel d63	43843100*****
	Suction pipe aluminium Ø63	43843001*****
	Munnstykke, håndskraper, lengde 500 mm	43851100*****
	Bulk munnstykke	43850100*****
	Bulk munnstykke med håndtak	43850250*****
	Munnstykke, håndskraper, lengde 1000 mm	43851250*****
	Reducer conical d76-63, Acid stainless steel	43880350
	Reducer conical d76-51, Acid stainless steel	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 joint d76, Acid stainless steel	43880150
	Sugehode, gulv d63/600	43840450*****

722A, configurable

**Ø125mm Housing in NBR, Epoxy coated cast iron and flap/sleeve in stainless steel. Temp range -20C to +120C. Height - 110 mm (260 mm in open position)*

***Ø150mm Housing and flap in PA. Temp range -20C to +40C. Height - 155 mm (240 mm in open position)*

****Can be used with valves 43630300, 43632001, 43632100, 43630201*

*****Couplings included, Ø 51 mm*

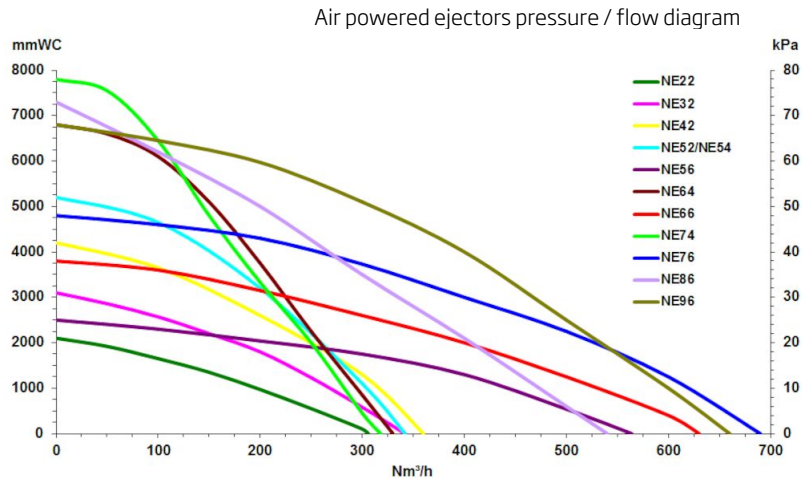
******ATEX - Passer for brennbar støv (sone 20,21,22). Sørg for jording til avtrekksenhet. Må ikke brukes i områder med brennbare gasser eller til utsug av eksplosive materialer.*

******ATEX - Dette produktet passer som rengjøringsutstyr for brennbar støv med MIE (minimum ignition energy) >1 mJ. Produktet må være jordet til avsugsenheten. Skal ikke brukes i områder med brennbar gass eller til avsug av eksplosive materialer*

******ATEX - Passer for brennbar støv (sone 20,21,22) og gass (sone 1,2) av gruppene IIA, IIB og IIC. Sørg for jording til avsugsenhet. Skal ikke brukes for avsug av eksplosive materialer*

******ATEX - Passer for brennbar støv (sone 20,21,22) og gass (sone 1,2) av gruppene IIA, IIB og IIC. Sørg for jording til avsugsenhet. Skal ikke brukes for til avsug av eksplosive materialer*

722A, configurable



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

722A, configurable

