

722A, Configurável

Potente coletor de poeira, excelente para gerar vácuo através de grandes distâncias horizontais ou verticais.

722A, Configurável



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, Configurável

- Filtro autolimpante robusto e eficiente
- Ejetor gerador de vácuo, muito potente e confiável
- Adequado material pesado e abrasivo
- Sistema de controle com várias funções diferentes disponível como acessório

| | |
|----------------------------------|--------------------|
| Produto | 722A, Configurável |
| Área Filtrante (m ²) | 3,15 |

722A, Configurável























| Imagem | Descrição | Peso (kg) | Modelo |
|---|---|-----------|-------------|
|  | 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, 1 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, Configurável

| Acessório | | Artigo nº |
|---|---|-------------|
|  | 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 | 43220008 |
|  | 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 |
|  | Mangueira PU12 Ø 51 L=10m | 43832600 |
|  | Mangueira PU12 Ø 51 L=5m | 43832500 |
|  | Mangueira PU12 Ø 51 L=20m | 43832300 |

722A, Configurável

| Acessório | | Artigo nº |
|---|---|---------------|
|  | Mangueira PU12, Ø51mm x 7,5m com acopladores | 43832102**** |
|  | Mangueira PU12 Ø 51 L=10m com acopladores | 43832200**** |
|  | Mangueira PU12 Ø 63 L=5m | 43833200 |
|  | Mangueira PU12 Ø 63 L=10m | 43833001 |
|  | Mangueira PU12 Ø 63 L=20m | 43833100 |
|  | Mangueira PU12 Ø 76 L=10m | 43834200 |
|  | Mangueira PU12 Ø 76 L=20m | 43834300 |
|  | Equipamento de limpeza com bocal de chão largura 500 mm com rodas pequenas de nylon Ø51 e tiras de borracha | 42932100***** |
|  | Equipamento de limpeza com bocal de chão largura 400 mm sem rodas, para pavimento seco, com escovas | 42932800***** |
|  | Equipamento de limpeza com bocal de chão largura 400 mm com rodas grandes de borracha Ø51 e tiras de borracha | 42932300***** |
|  | Bocal para chão, largura 500 mm com rodas de nylon pequenas, Ø51mm | 43840150***** |
|  | Bocal para chão, largura 400 mm com rodas de borracha grandes, Ø51mm | 43840250***** |
|  | Bocal para chão, largura 400 mm sem rodas para sucção de secos, Ø51mm | 43840550***** |
|  | Bocal manual, escova dura, Ø90 mm, Ø51mm | 43860001***** |
| | Bocal com dentes largura 130mm, Ø51mm | 43861001***** |
|  | Bocal cónico, comprimento 250 mm, Ø51mm | 43862001***** |
|  | Tubo cotovelo, Ø51mm | 43842150***** |
|  | Tubo de limpeza, comprimento 1100 mm, Ø51 mm | 43842001***** |
|  | Bocal de chão, com pega, para material a granel 1200 x Ø51 mm | 43850150***** |
|  | Bocal para material a granel, 910 x Ø51mm | 43850001***** |
|  | Bocal raspador, comprimento: 1000 mm, Ø51mm | 43851150***** |
|  | Bocal raspador, comprimento: 500mm, Ø51mm | 43851050***** |

722A, Configurável

| | Acessório | Artigo nº |
|---|---|---------------|
|  | Bocal em aço para limalhas, Ø50 mm, entrada com silenciador | 40150030***** |
|  | Bocal para chão, largura 500 mm, Ø63mm | 43840400***** |
|  | Bocal para material a granel, 910 x Ø63mm, galvanizado. | 43850050***** |
|  | Bocal para material a granel, L=910 mm para giratório (43843100), Ø63mm | 43850051***** |
|  | Bocal de chão, para material a granel 1200 x Ø63 mm | 43850200***** |
|  | Bocal raspador manual, comprimento 1000 mm, Ø63mm | 43851200***** |
|  | Tubo de sucção curvo alumínio d63 | 43843050***** |
|  | Acoplador giratório, aço d63 | 43843100***** |
|  | Tubo de sucção em alumínio, Ø63mm | 43843001***** |
|  | Bocal raspador manual, comprimento 500 mm, Ø63mm | 43851100***** |
|  | Bocal para material a granel, 910 x Ø76mm, galvanizado. | 43850100***** |
|  | Bocal de chão, com pega, Ø76 mm | 43850250***** |
|  | Bocal raspador manual, comprimento 1000mm, Ø76mm | 43851250***** |
|  | Redução cônica d76-63mm, aço inox | 43880350 |
|  | Redução cônica d76-51mm, aço inox | 43880300 |
|  | Redução cônica para mangueiras d63-51mm | 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 |
|  | Acoplador de mangueira d76mm em aço inox | 43880150 |
|  | Bocal de chão d63/600 | 43840450***** |

722A, Configurável

**Ø125mm Housing in NBR, Epoxy coated cast iron and flap/sleeve i 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 - Adequado para poeira combustível (zona 20,21,22). Assegurar ligação à terra da unidade de extração. Não deve ser usado em atmosferas com gás combustível ou extração de materiais explosivos.*

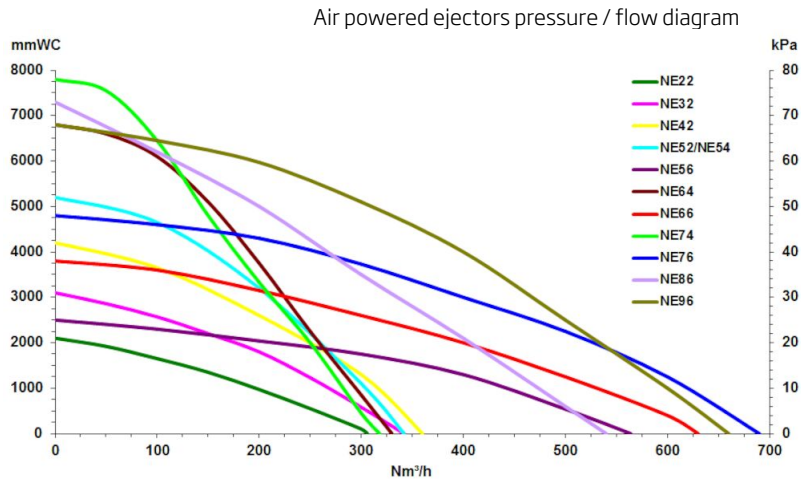
******ATEX - This product is suitable to be used as cleaning equipment for combustible dusts with MIE (minimum ignition energy) >1 mJ. Product is to be properly earthed to the extraction unit. Not for usage in combustible gas atmospheres or extraction of explosive materials.*

******ATEX - This product is suitable to be used as cleaning equipment for combustible dusts with MIE (minimum ignition energy) >1 mJ. Product is to be properly earthed to the extraction unit. Not for usage in combustible gas atmospheres or extraction of explosive materials.*

******ATEX - Suitable for combustible dust (zone 20,21,22) and gas (zone 1,2) of group IIA , IIB and IIC. Ensure earthing to extraction unit. Not to be used for extraction of explosive materials*

******Adequado para poeiras combustíveis (zona 20,21,22) e gases (zona 1,2) dos grupos IIA, IIB e IIC. Assegurar ligação à terra da unidade de extração. Não deve ser usado em atmosferas com gás combustível ou extração de materiais explosivos.*

722A, Configurável



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, Configurável

