

FUME XTRACTION ARMS



Standard

Antistatic

Chemical resistant

FX ARMS

The widest range to provide the optimum tailor made solutions to your fume and gas extraction needs.

- Available in Standard, Antistatic and Chemical resistant versions.
- Fixed or flexible mounting on bench, wall or ceiling.
- High quality arms in 32, 50 and 75 mm diameters.

FX

Standard Arms

50/75

Top of the line, in all areas

The Nederman FX range is a superior system for fume extraction. Adaptable at any work shop, school, chemical/medical/electronic industry and laboratory. The wide range of different arms, hoods and brackets create an outstanding platform for tailor made solutions.

Bench, wall or ceiling mounted - the choice is yours

The different mounting options ensure the best possible positioning of the arm, and allow it to be moved a side when not in use.

The adjustable bench bracket provides a stable mounting without having to drill or cut the bench.



Ceiling brackets are available in four different lengths all powder coated and with a 100mm duct connection. Pictured is the 250 mm version.

Strong powder coated wall bracket. Duct work or hose is connected directly to the 100 mm arm swivel.



FX 50 bench mounted, with flange hood.

Flange Hood FX 50

When placed against a flat surface this hood design creates a very effective capture area.



FX 75, wall mounted, with angle nozzle.



Metal Hood FX 50

An ideal hood for use in hot or abrasive applications.
Available with built-in light.



Dome Hood FX 50

This 350 mm transparent hood is ideal for the capture of light fumes from open vessels.

FX

ESD Arms

50/75

FX ESD-Conductive fume extraction

Many electronic production and repair facilities are handling ESD sensitive components. They demand static safe equipment with grounding ability. To give maximum peace of mind for both effective fume extraction and component safety a wide range of the FX arms are available fully certified to the highest ESD standard.



Electrostatic discharge (ESD)

“A transfer of electrostatic charges between bodies at different electrostatic potentials, caused by direct contact or induced by electrostatic fields”.

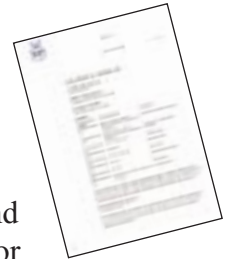
Precision damper

The airflow damper in the FX 50/75 arms has a unique twin material construction to give rigidity coupled with a precision seal. This gives very effective air control even at up to 3500 Pa pressure.



ESD Approvals

The Nederman FX ESD range consists of fully certified arms, hoods and brackets. All designed for safe grounding of electrostatic charges.



FX 50 ESD, bench mounted, with flexible angle nozzle.

Flexible Angle Nozzle ESD

Simple, ingenious yet very effective.
-The flexible nozzle gives precise extraction for detailed work.



FX 75 ESD, wall mounted, with metal hood.



Angle Nozzle FX 50 ESD
The ideal nozzle when extraction close to the fume or dust source is needed.



Flange Hood FX 50 ESD
When placed against a flat surface this hood design creates a very effective capture area.

FX

PP Arms 75

PP-Chemically resistant

Manufactured from durable polypropylene and with all inside components being stainless steel the FX PP arms are ideal for fume extraction in aggressive environments where chemical resistance is needed.

Single hand adjustment for flexibility and control

The tensioner is supported by ball bearings to give a distributed even tension and smooth positive control.



Designed for life

The arm joints are constructed to give maximum strength, smooth operation, positive control with easy dismantling for internal cleaning.



360 degree swivel function

A full 360° rotation is achieved with a smooth low friction swivel joint. This gives optimum manoeuvrability and coverage.



*FX 75 PP, bench mounted,
with metal hood.*

Metal Hood FX 75 PP

Powder coated durable aluminium with outside diameter 250 mm.



FX 75 PP, wall mounted, with dome hood.



Angle Nozzle FX 75 PP
The ideal nozzle when extraction close to the fume or dust source is needed.



Flange Hood FX 75 PP
When placed against a flat surface this hood design creates a very effective capture area.

FX

Standard Arm 32

Compact, effective and easy to use

The FX 32 arm is a 1m long flexible extraction arm supplied with damper and swivel. It is used in schools, laboratories, electronic/medical industries and beauty salons throughout the world. The compact size provide an effective and localized extraction where space is on a premium.

FX 32 standard with flange hood, mounted in wall bracket.

It is there when you need it

The FX 32 arm is versatile in all directions and stays in position when adjusted. Able to rotate throughout 360° the smooth swivel means the arm has maximum coverage without bending or twisting the hose connection. The operator can easily adjust or close the air flow by sliding the integrated damper.

Fixed or flexible, bench or wall

The FX 32 arm can either be mounted directly in the bench surface or with optional brackets for wall and adjustable bench mounting. The design of the internal support allows the arm to operate in virtually any position.

Flange Hood FX 32

Transparent hood designed to concentrate the capture to the source.



Capture Hood FX 32

Increases the capture ability and works like a small fume cabinet.



Dome Hood FX 32

Captures light vapours from open vessels.

32 Arm ESD

FX



ESD Protected Area (EPA)

“An area in which ESD sensitive components can be handled with acceptable risk of damage as a result of electrostatic discharge or fields, and in which the operator is not exposed to additional risk”.



ESD approved arm and hoods

The FX 32 ESD range guarantees a safe fume extraction in facilities where ESD sensitive components or equipment are handled.



FX 32 ESD, bench mounted.



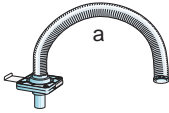
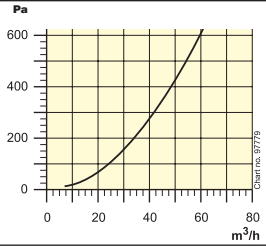
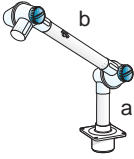
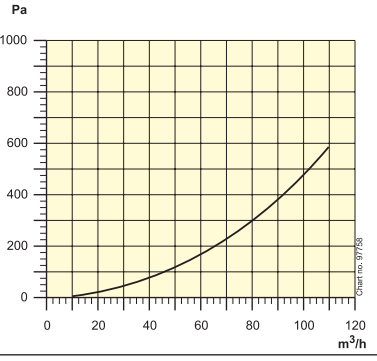
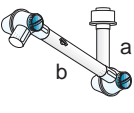
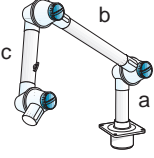
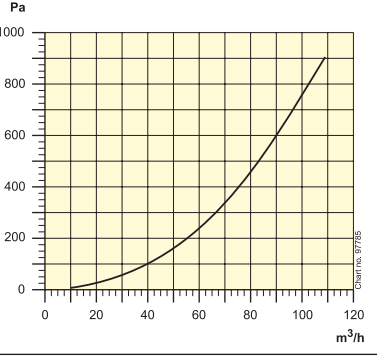
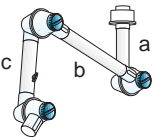
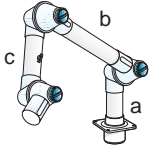
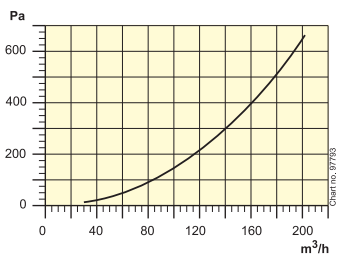
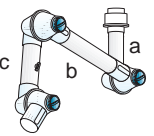
Dome Hood FX 32 ESD

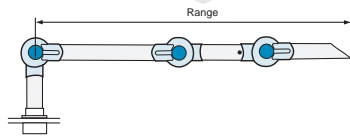
Made in conductive plastic and ideal for the capture of light fumes.

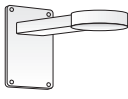
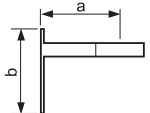
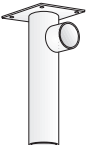
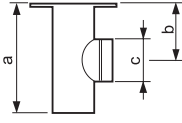
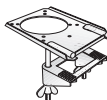
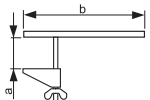

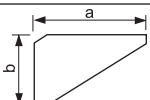







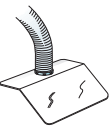


Capture Hood FX 32 ESD

Placed on a flat surface this hood creates an effective capture area.

FX Arm	Ø (mm)	a (mm)	b (mm)	c (mm)	Range (incl.nozzle)	Standard	ESD	PP	Pressure drop
	32	1000	—	—	85	70502834	70502934	—	
	50 50	250 250	300 450	— —	600 750	70500634 70500734	70502234	— —	
	50 50	250 250	300 450	— —	600 750	70500834 70500934	70502334	— —	
	50 50 50	250 250 250	400 550 750	300 450 450	1000 1300 1500	70501034 70501134 70501234	70502434 70502534 70501235	— — —	
	50 50 50	250 250 250	400 550 750	300 450 450	1000 1300 1500	70501334 70501434 70501534	70502634 70502734 70501535	— — —	
	75 75 75	250 250 250	400 550 750	300 450 450	1000 1300 1500	70501634 70501734 70501834	70501639 70501739 70501839	70501632 70501732 70501832	
	75 75 75	250 250 250	400 550 750	300 450 450	1000 1300 1500	70501934 70502034 70502134	70501939 70502039 70502139	70501932 70502032 70502132	



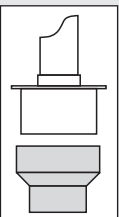
Brackets	For FX Standard/PP	ESD	a	b	c	Material		
		50/75	70371622	70371702	180	200	—	White powder coated steel
		50/75	70371623 70371624 70371625 70371626	70371923 70371924 70371925 70371926	250 500 750 1000	150 150 150 150	100 100 100 100	White powder coated steel
		32/50/75	70371761	70371761	0-75	195	—	Galvanized steel, plastic clamps
		32	70371760	70371760	167	102	—	Galvanized steel

Hoods Nozzles	For FX (mm)	Ø / LxH (mm)	Range (mm)	Standard	ESD	PP	Sound level at normal airflow (dBA)
	50 75	– –	300 300	70371630 70371638	70371657 70371639	– 70371632	35 41
 incl. light / transf. 220V incl. light / transf. 220V	50 75 50 75	250 ↓ ↓	280 ↓ ↓	70371635 70371643 70371636 70371644	70371823 70371649 – –	– 70371832 – –	Ø50=38 Ø75=41
	50 75	350 350	320 320	70371634 70371642	– –	– 70371942	38 44
	50 75	300x195 300x195	220 220	70371633 70371641	70371933 70371941	– 70371732	40 47
	50	–	600	–	70371661	–	35
	32	150x160	–	70371525	–	–	35
	32	260	–	70371757	70371808	–	34
	32	260x120	–	70371756	70371807	–	35

Facts FX 50/75 Standard	
Material	
Arm sections	Aluminium (SS4007)
Damper	Polypropylene(PP) Thermoplastic elastomere(TPE)
Swivel socket, table wall/ceiling	PolyBetylEterefalat (PBT)
Flange, Lock knob	Polyamid (PA)
Joint	Polypropylene (PP)
Washer, Bolt, Spring	Steel
Sealing ring	Rubber, nitril
Surface treatment	
Arm sections	Anodized
Washer, Bolt, Spring	Electrolytic galvanizing
Air Temperature -15 - +90 degrees C	
Facts FX 32 Standard	
Material	
Arm section	ABS
Damper	Stainless steel
Washer, Bolt,	Steel
Swivel plate	ABS
Swivel connections	Polyamide
Nozzle	Acetal
Surface treatment	
Washer, Bolt, Spring	Electrolytic galvanizing
Air Temperature -15 - +90 degrees C	

Facts FX 50/75 ESD	
Material	
Arm sections	Aluminium (SS4007)
Damper	Polypropylene(PP) Thermoplastic elastomere(TPE)
Swivel socket, Joint, Flange, Lock knob	Polypropylene (PP) Con- ductive
Washer, Bolt, Spring	Steel
Sealing ring	Rubber, nitril
Surface treatment	
Arm sections	Anodized
Washer, Bolt, Spring	Electrolytic galvanizing
Air Temperature -15 - +90 degrees C	
Facts FX 32 ESD	
Material	
Arm section	ABS, Conductive
Damper	Stainless steel
Washer, Bolt,	Steel
Swivel, Nozzle	Acetal
Surface treatment	
Washer, Bolt, Spring	Electrolytic galvanizing
Air Temperature -15 - +90 degrees C	

Facts FX 75 PP	
Material	
Arm sections, joint	Polypropylene(PP)
Damper	Polypropylene(PP) Thermoplastic elastomere(TPE)
Swivel socket, table wall/ceiling	PolyBetylEterefalat (PBT)
Flange, Lock knob,	Polyamid (PA)
Washer, Bolt, Spring	Stainless steel
Sealing ring	Rubber, nitril
Air Temperature -15 - +90 degrees C	

Reducers		
	Ø (mm)	part no.
	100-80	70371628
	100-75	70371747
	100-50	70371627

Recommended airflow (m³/h)		
FX Arm	normal	min-max
32	30	20-45
50	60	40-90
75	125	75-175



To compliment the extractor arms shown in this brochure, Nederman can supply a wide range of high performance fans and quality filters.

Nederman has the complete solution.

Nederman[®]
Improving your workspace

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