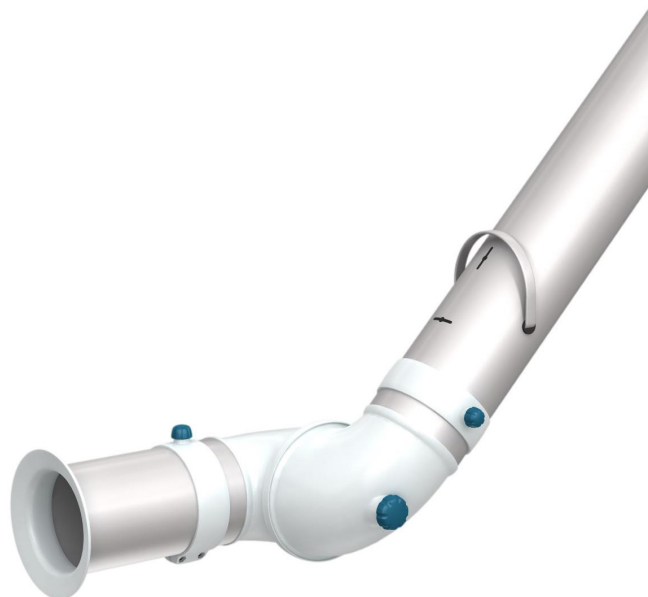


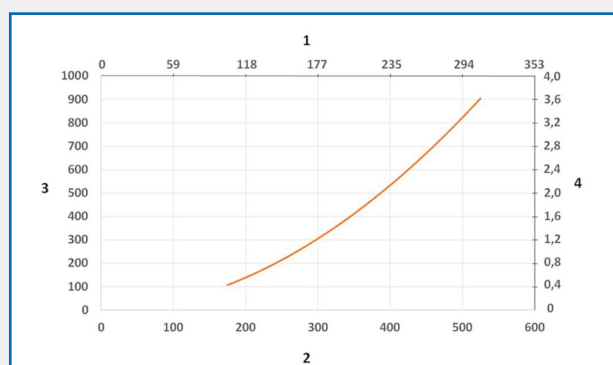
## NEDERMAN FX2 100MM BENCHTOP EXTRACTION ARM



### TECHNICAL SPECIFICATION

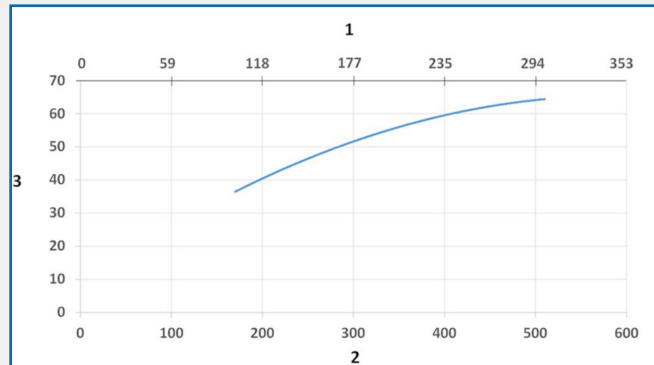
Airflow	200-450 m <sup>3</sup> /h
Arm Length	(see diagrams)
Extraction Arm Diameter	Ø100
Installation	(Indoor)
Material	Tubes in anodized aluminium. Joints in PP plastic. Duct connectors in EPDM rubber. Minihood in PP plastic.
Fume Temperature	Max. 70°C
Noise Level	62 dB(A) at 450 m <sup>3</sup> /h

### PRESSURE DROP DIAGRAM



- 1) X-Axis: Air Flow Rate (cfm)
- 2) X-Axis: Air Flow Rate (m/h)
- 3) Y-Axis: Static Pressure Drop (Pa)
- 4) Y-Axis: Static Pressure Drop (in. wg.)

### SOUND LEVEL DIAGRAM



- 1) X-Axis: Air Flow Rate (cfm)
- 2) X-Axis: Air Flow Rate (m/h)
- 3) Y-Axis: Sound Pressure Level (dB) (A))

### DESCRIPTION

Nederman FX2 arms are made of lightweight anodized aluminium sections, with three adjustable, composite friction joints. Offering strength and durability combined with easy handling, they can be used in many types of environment. They are especially suitable for applications where small, flexible and easy-to-use arms are required.

A robust and reliable all-round arm for general applications where there is little risk of electrical or attack by aggressive chemicals.

### FEATURES

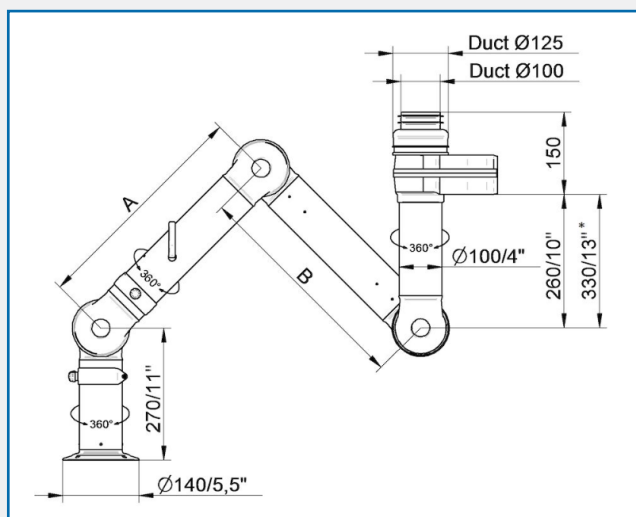
- Optimal efficiency and low noise provides safe and quiet working environment.
- Ceilings, walls and floors or fixed to worktops mountings and cut2fit extension profile gives maximum installation flexibility.
- The two outermost arm joints can rotate and swivel through 360°, which gives the unique maneuverability.
- The lean, smooth and aesthetic design allows arms to fit in well in any environment without compromising its durability and reliability.
- Highly integrated products that save customers' time and costs, as well as providing the reliability and functionality to deliver a better performance.

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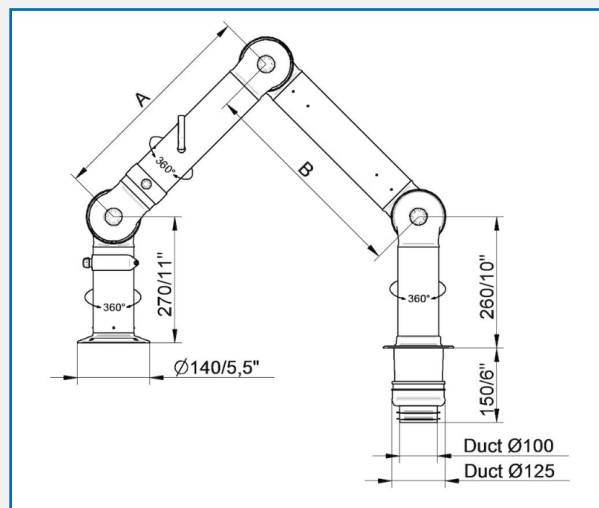
# NEDERMAN FX2 100MM BENCHTOP EXTRACTION ARM

## PART CODES

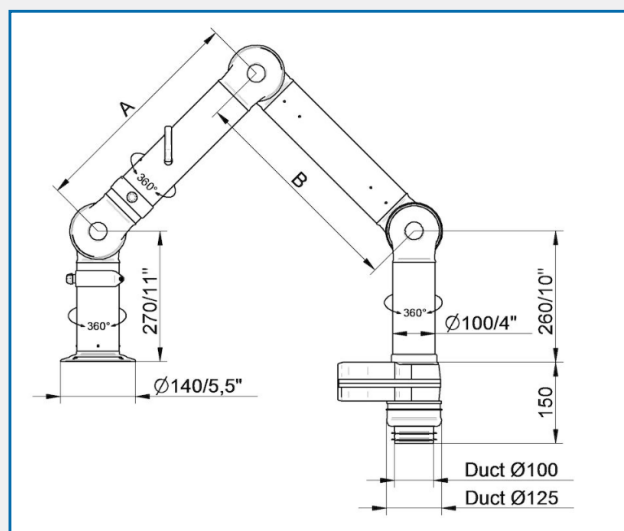
Description	Part Codes
FX2-ORIG-D100-L1200-Up/Down-Low	70604744
FX2-ORIG-D100-L1200-Up-PLUS	70604844
FX2-ORIG-D100-L1200-Up/Down-Through	70604944
FX2-ORIG-D100-L1800-Up-Low	70605044
FX2-ORIG-D100-L1800-Up-PLUS	70605144
FX2-ORIG-D100-L1800-Down-Low	70605244
FX2-ORIG-D100-L1800-Down-Through	70605344
FX2-ORIG-D100-L2400-Up-Low	70605444
FX2-ORIG-D100-L2400-Up-PLUS	70605544



- FX2-ORIG-D100-L1200-Up/Down-Low
- Part Number: 70604744
- Max. working radius: 1170 mm (46.1 in)
- A: 450 mm (17.7 in)
- B: 450 mm (17.7 in)
- FX2-ORIG-D100-L1800-Up-Low
- Part Number: 70605044
- Max. working radius: 1770 mm (69.7 in)
- A: 750 mm (29.5 in)
- B: 750 mm (29.5 in)
- FX2-ORIG-D100-L2400-Up-Low
- Part Number: 70605444
- Max. working radius: 2290 mm (90.2 in)
- A: 1010 mm (39.7 in)
- B: 1010 mm (39.7 in)



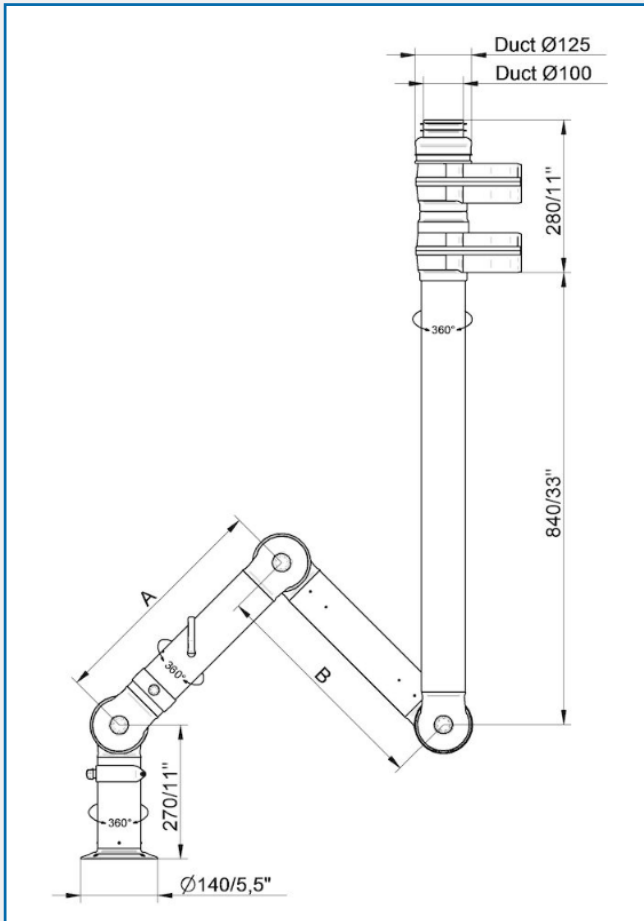
- FX2-ORIG-D100-L1200-Up/Down-Through
- Part Number: 70604944
- Max. working radius: 1170 mm (46.1 in)
- A: 450 mm (17.7 in)
- B: 450 mm (17.7 in)
- FX2-ORIG-D100-L1800-Down-Through
- Part Number: 70605344
- A: 750 mm (29.5 in)
- B: 750 mm (29.5 in)



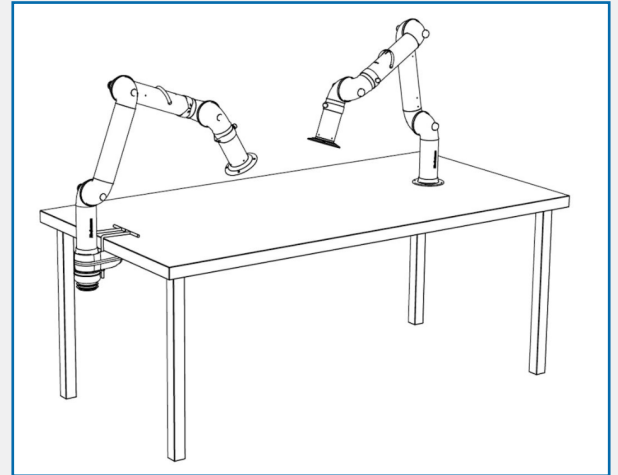
- FX2-ORIG-D100-L1200-Up/Down-Low
- Part Number: 70604744
- Max. working radius: 1170 mm (46.1 in)
- A: 450 mm (17.7 in)
- B: 450 mm (17.7 in)
- FX2-ORIG-D100-L1800-Down-Low
- Part Number: 70605244
- Max. working radius: 1770 mm (69.7 in)
- A: 750 mm (29.5 in)
- B: 750 mm (29.5 in)

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## NEDERMAN FX2 100MM BENCHTOP EXTRACTION ARM



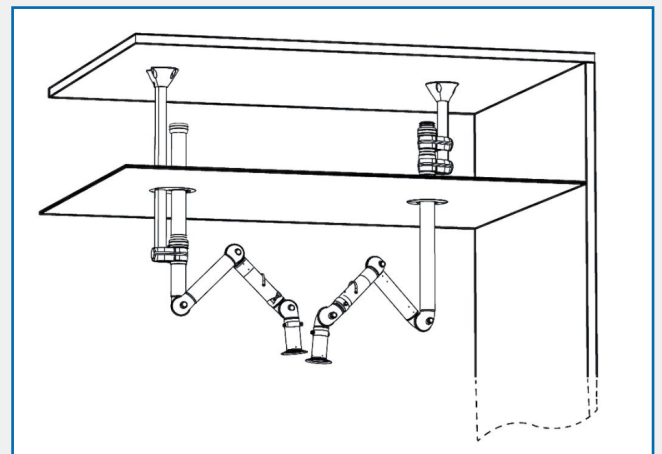
- FX2-ORIG-D100-L1200-Up-PLUS
- Part Number: 70604844
- Max. working radius: 1170 mm (46.1 in)
- A: 450 mm (17.7 in)
- B: 450 mm (17.7 in)
- FX2-ORIG-D100-L1800-Up-PLUS
- Part Number: 70605144
- Max. working radius: 1770 mm (69.7 in)
- A: 750 mm (29.5 in)
- B: 750 mm (29.5 in)
- FX2-ORIG-D100-L2400-Up-PLUS
- Part Number: 70605544
- Max. working radius: 2290 mm (90.2 in)
- A: 1010 mm (39.7 in)
- B: 1010 mm (39.7 in)



• **Bench mounting examples:**

Left: FX2-Down-Low arm with following accessories:  
-FX2-Bench bracket kit-D-50/75/100

Right: FX2-Down-Through arm



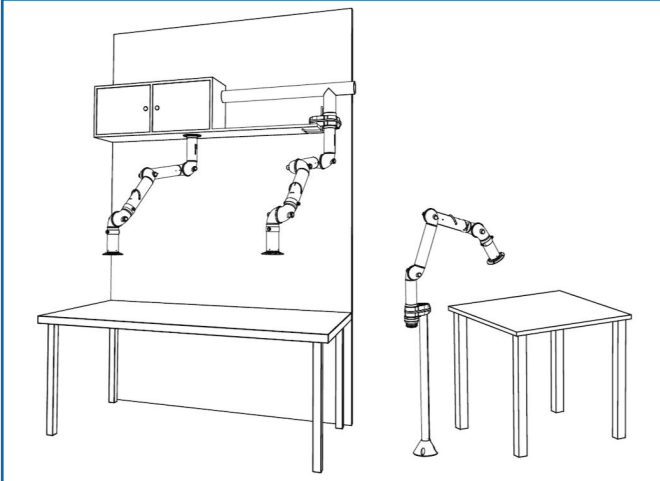
• **Ceiling mounting example:**

Left: FX2-Up-Low arm with following accessories:  
-FX-Classic bracket  
-FX-Cut2fit extension-L1100  
-FX2-Alu duct  
-FX2-Duct connector-ORIG/CHEM-D100  
-FX-Ceiling cover plate

Right: FX2-Up-PLUS arm with following accessories:  
-FX2-Bracket kit-D-50/75/100-L500  
-FX2-Ceiling cover plate-PLUS

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## NEDERMAN FX2 100MM BENCHTOP EXTRACTION ARM

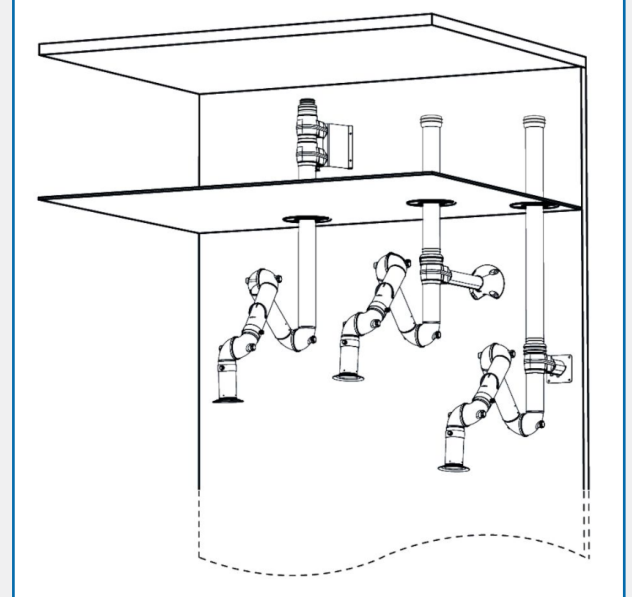


- **Other mounting examples:**

Left: Overbench cabinet mounting with FX2-Up/Down-Through arm

Middle: Shelf mounting with FX2-Up-Low arm and following accessories:  
-FX2-Bench bracket kit

Right: Floor mounting with FX2-Up-Low arm and following accessories:  
-FX-Classic bracket  
-FX-Cut2fit extension-L1100

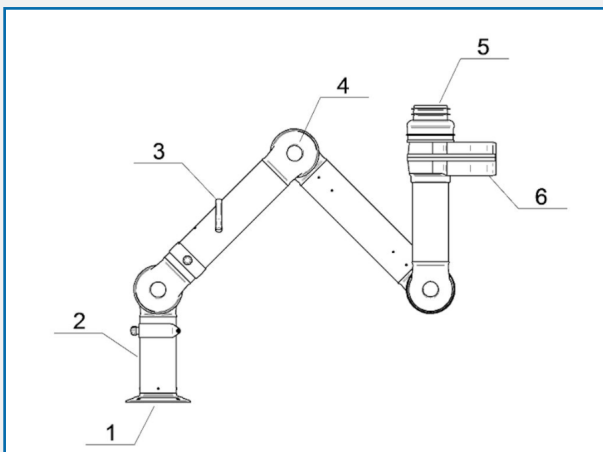


- **Wall mounting examples:**

Left: FX2-Up-PLUS arm with following accessories:  
-FX2-Wall-P BRKT kit-D-50/75/100-L190  
-FX2-Ceiling cover plate-PLUS

Middle: FX2-Up-Low arm with following accessories:  
-FX2-Bracket kit-D-50/75/100-L500  
-FX2-Ceiling cover plate-PLUS  
-FX2-Alu duct  
-FX2-Duct connector-ORIG/CHEM-D100

Right: FX2-Up-Low arm with following accessories:  
-FX2-Wall BRKT kit-Flat-L190-White  
-FX2-Ceiling cover plate-PLUS  
-FX2-Alu duct  
-FX2-Duct connector-ORIG/CHEM-D100



**Material:**

- 1) Flange: PP
  - 2) Tubes: Aluminium, anodized 10 µm
  - 3) Damper adjustment handle: Aluminium, anodized 10 µm
- Internal spring: Stainless steel  
Damper blade: Conductive TP & PP plastic  
4) Joints: PP with glass fibre reinforcement  
Plastic rings: PP with glass fibre reinforcement  
Axial locking rings: PP with glass fibre reinforcement  
Adjustment knobs: PA & EDS plastic  
Threaded shaft inside joints: Stainless Steel  
5) Duct connector: EPDM Rubber  
6) Swivel: Aluminium, powder coating  
Rivets: Aluminium  
Bearings swivel: PP plastic with glass fibre reinforcement

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