

FARR ARM HF™

Heavy Duty Extraction Arm For Tough Applications



Swivel—
allows the
arm to
turn 360°

Horizontally
pivoted boom
for extra reach

Standard Features & Benefits —

- Self-supporting external flexible arm construction
- Encapsulated support mechanism covered by box sections and bellows to protect against dirt
- Maneuverability is light and precise
- Stable when positioned

The hose is mounted parallel to the support arms by straps—simple to detach for cleaning

Hose is free of internal components to maximize air flow and minimize pressure drop

- Low noise level
- Minimal accumulation of dust/particles inside hose

The first hose section (2 ft.) attached to the hood is designed to withstand sparks, spatter and heat

THE FA-HF IS AVAILABLE IN 7, 10, 13 & 16-FOOT LENGTHS.

HOSE
8 inches
CONNECTION
8 inches

6.7 ft Part No. 010560232
10 ft Part No. 010560332
13 ft Part No. 010560432
16 ft Part No. 010560532

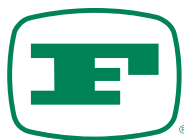
- Multi-position hood thanks to a double ball swivel joint
- Improved capture capacity by the shape of the opening and the rectangular flange
- Protection grille

The Farr Arm High Flow™ is an easy to use extraction arm made for tough applications including heavy duty welding, metal spraying, grinding, and other situations where lots of fumes, sparks and spatter are generated.

Environmental Data

Model	Weight (lb)	Recovery rate (weight-%)	Sound level at hood at 1700 m ³ /h (dB(A))*
FA-HF, 7 ft. (2m)	38	84%	66
FA-HF, 10 ft. (3m)	46	84%	63
FA-HF, 13 ft. (4m)	62	86%	63
FA-HF, 16 ft. (5m)	73	85%	63

* Depending on position of extraction arm. Measured in accordance with ISO 11201.



FARR
Air Pollution Control



Product Sheet

Farr Arm High Flow™

SAFE AIR FOR A SAFE WORK ENVIRONMENT

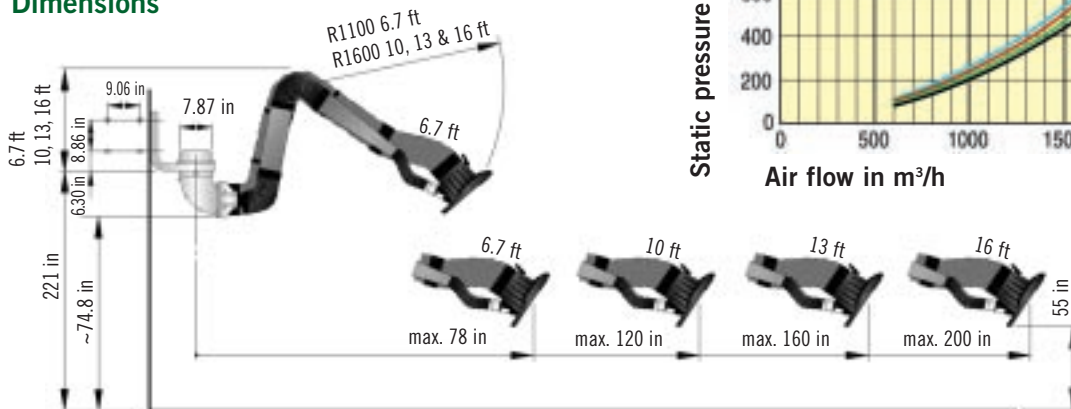
Technical Information

- Recommended air flow and air velocity: 600–1000 CFM
- The arm has a damper in the hood as standard.
- The maximum allowable temperature of the extracted air is 120°C.

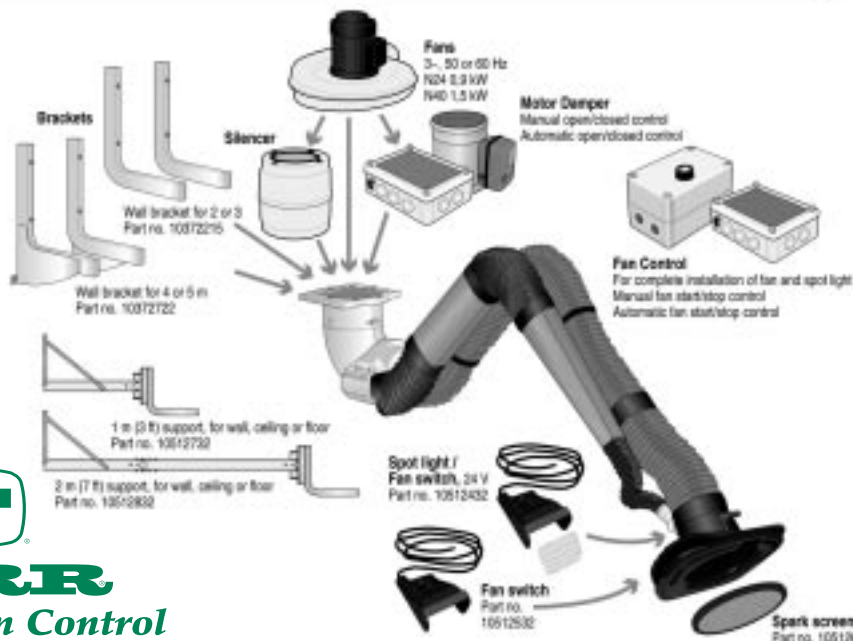
Material

Parallelogram: Aluminum • **Springs:** Phosphated steel
Plastic covers: Polypropylene
Bellows (plastic covers): Steel helix and PVC on polyester fabric
Bellow (ball joint): TPE (Thermoplastic Polyester)
Ball joint: Aluminum and galvanized steel
Extension booms: Powder painted steel
Joints (extension boom): Aluminum • **Swivel:** Aluminum
Bolts, nuts, washers: Galvanized steel
Hood: Powder painted aluminum and PA (Nylon)
Friction discs: POM (Acetal)
Hose straps: PVC and PA (Nylon)
Hose (first section): Steel helix, PVC on glass fiber fabric and PP (Hose adapter)
Hose (second section): Steel helix and PVC on polyester fabric
Rubber sleeves: EPDM

Dimensions



Accessories



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Farr APC is a proud member of the Camfil Farr group.

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 Additional APC offices and factories in Laval, Canada (450-629-3030), and UK (44-121-707-8211)



SAFE AIR FOR A SAFE WORK ENVIRONMENT

Appearance

The FA-HF is equipped with a horizontally rotating swivel, horizontally pivoted boom and vertically pivoted supporting arm to give it maximum mobility over the entire working range of the arm. The balanced support arm feels weightless when adjusting the hood, which is fixed to a double-acting ball joint for easy positioning. The enclosed support arm, separate air duct and an aluminum hood mean the FA-HF arm requires little maintenance.

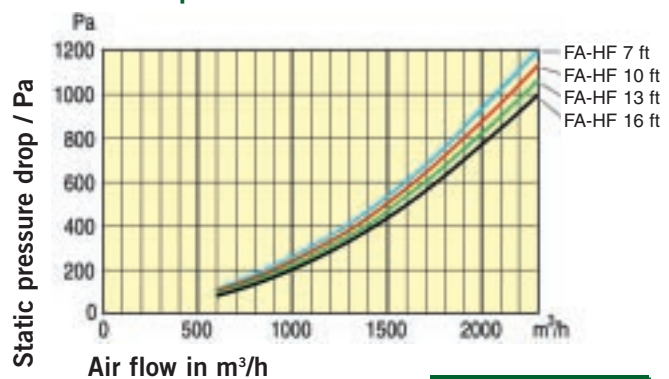
Segments

Welding and metal fabrication industry, such as work shops, ship building, etc.

Applications

For heavy welding, hand plasma cutting, laser cutting, grinding where lots of spatter is generated, applications with high temperatures or where high airflows are demanded.

Pressure Drop



Installation Examples



The 6 ft and 10 ft FA-HD arm can be mounted on a 3.3 ft or 6.6 ft extension bracket either to the roof, wall or floor. It can also be connected to a N24 or a N40 1.5 kW fan, or to a ventilation duct diameter 7.87 in.



The arm may be mounted to a 13.8 ft extension arm for up to 26.25 ft reach.

