

MIGATRONIC MIGAIR ML 240 - MV 400 FKS

MIG/MAG WELDING HOSES WITH FUME EXTRACTION

Fume extraction and ergonomics in the welding hose

As a consequence of the increased demand for better working environment, Migatronik has developed a complete range of aircooled and watercooled welding hoses in 4 m and 5 m lengths with possibility of effective fume extraction. Ball-and-socket joint relief and simple design of the handle indicate close contact to ergotherapists and end-

users knowing the importance of operational comfort and correct ergonomics. Welding fume is highly hazardous to health and should be filtered before being exhausted to atmosphere. The MigAir 8841 ensures fume extraction at the weld pool before the welder inhales the hazardous fume particles.

Model ML 240 Aircooled



4 m hose 80193310
5 m hose 80193311

Model MV 400 FKS Watercooled



4 m hose 80293017
5 m hose 80293018

User-friendly options

All MigAir welding hoses are equipped with hard-wearing, stain-resistant leather cover and feature individual adjustment of the extraction power at the torch handle. The exterior extraction nozzle is easily adjusted according to space and welding position. The constant air flow contributes to ergonomically correct working environment and operational comfort as well as cooling of the torch handle.

The constant air flow contributes to ergonomically correct working environment and operational comfort as well as cooling of the torch handle. Low operational temperature in the handle means trouble-free wire feeding in the swan neck and long life of the wearing parts; elements that indirectly result in better economy.

The watercooled FKS welding hoses featuring the standard double cooling-chamber system have been developed specifically for heavy duty pulse welding and spray transfer welding. For other welding operations, the small ML aircooled welding hoses with high duty cycle will be sufficient.

ML 240 - MV 400 FKS is always supplied with separate tip adaptor and central connection



MigAir 8841

MigAir 8841 is equipped with an automatic start/stop function connected to a holder on the extraction unit. Once welding has started, extraction will start. The stop function is adjustable with 5-25 seconds delay so as to ensure that all fume is extracted. The automatic stop function is energy saving and ensures a longer life of the MigAir 8841. The start/stop feature does not function on inverter welding machines. Equipped with indicator for replacement of no-touch filter. 220 V. Article no. 82031011



ML240 MigAir

Gas nozzle:

80140610* 64 mm 80140611 64 mm

Contact tip:

Ø 0.6 M6 80130101

Ø 0.8 M6 80130202*

Ø 1.0 M6 80130203*

Ø 1.2 M6 80130204

Tip adaptor:

Ms 83077149* (5 mm) 26 mm

CuCrZr 80110604 (5 mm)

Ms 80110603 (7 mm) (7 mm)

Gas diffuser:

Black 83077480*

White 80077481

Ceramic 80220311

Steel liner:

White for 0.6-0.8 wire 80160520

Blue for 0.8-1.2 wire 80160521*

Red for 1.2-1.6 wire 80160522

4.4 m

* = Standard on delivery

MV 400 FKS MigAir

Gas nozzle:

80240307* 62 mm 80240308 62 mm Use 30-38 mm contact tips

80240317 67 mm 80240318 67 mm Use 41 mm contact tips

Contact tip:

30 mm E-Cu

Ø 0.8 M8 80231101 Ø 1.4 M8 80231106

Ø 1.0 M8 80231102 Ø 1.6 M8 80231104

Ø 1.2 M8 80231103*

38 mm CuCrZr

Ø 0.8 M8 80231300 Ø 1.4 M8 80231303

Ø 1.0 M8 80231301 Ø 1.6 M8 80231304

Ø 1.2 M8 80231302

41 mm CuCrZr

Ø 0.8 M8 80231400 Ø 1.4 M8 80231403

Ø 1.0 M8 80231401 Ø 1.6 M8 80231404

Ø 1.2 M8 80231402

Tip adaptor: 80110408* 24 mm

Steel liner:

White for 0.6-0.8 wire 80160520

Blue for 0.8-1.2 wire 80160521

Red for 1.2-1.6 wire 80160522*

4.4 m

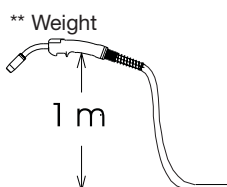
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Technical data

We reserve the right to make changes.

Model	ML 240 MigAir	MV 400 FKS MigAir
Duty cycle:		
CO ₂ 60%	250 A	
CO ₂ 100%		400 A
Mixgas 60%	220 A	
Mixgas 100%		350 A
Technique:		
Cooling	Air	Water
Min. flowrate		
Water cooling 1 bar	-	1 l/min.
Max pressure (water)	-	5 bar
Max water temp.	-	70°C
Gas flow +/-5%	10-20 l/min.*	10-20 l/min.*
Wire diameter, mm	0.8-1.2	0.8-1.6
Cable, mm ²	25	16
Weight**	1.4 kg	1.7 kg
Total weight kg, 4 m	4.8 kg	4.9 kg
Connection	ZA	ZA
Norm:		
IEC 60974-7	Yes	Yes
IEC 60974-10	Yes	Yes

* Minimum gas flow for compliance with maximum performance



We do not stock the following models but shall be pleased to supply them to order:

ML150 MigAir
ML250 MigAir
ML360 MigAir
MV550 MigAir

England:

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