

AIRGOMIG



®

MIG WELDING FUME EXTRACTOR GUN



- ▶ High-quality MIG welding
- ▶ Versatile MIG gun
- ▶ A highly resistant and long-lasting technology
- ▶ High quality materials
- ▶ A light product that is easy to use
- ▶ Ergonomic handle
- ▶ An ideal distance from the weld point that eliminates any risk of porosity
- ▶ A “MADE IN CANADA” technology
- ▶ A Modern design



Ergonomic ball joint offering an optimal handling



Higher pollutant extraction capacity



Three-position handle top vent for precise air flow control

AIRGOMIG MIG welding guns integrate the most efficient fume extraction system on the market. With an equivalent vacuum source, AIRGOMIG offers higher throughput than competing products, thus creating improved extraction efficiency. The ball joint, reduced weight and ergonomic design of the handle offer improved mobility and reduce the welder's effort by adapting to all working positions.

UPPER LIMIT FOR OPERATION ON A CONTINUOUS DUTY CYCLE DEPENDING ON GAS MIXTURE (IN KW)

Model	CO ₂	Cool mix Argon<85% & Co ₂	Spray mix Argon>85% & Co ₂	Hot mix Hel. Arg. -Oxy. - CO ₂	Flux Core CO ₂	Metal Fill Flux Core w / mix gas
AGM4	7.8	6.6	5.3	3.9	7.1	4.4
AGM5	10.0	8.6	7.3	6.0	9.0	5.0
AGM6	15.6	13.5	10.9	9.8	14.5	12.5

CONFIGURATION TABLE

AMPERAGE	LENGTH	WIRE SIZE		SWAN NECK ANGLE	GAZ NOZZLE		
400 Amp	12'	Steel	Aluminium	45°	Cooper	Zirconium Copper	
500 Amp	17'	0.030"	1/16"	0.035"	45° long	1/2"	1/2"
600 Amp		0.035"	5/64"	0.045"	60°	5/8"	5/8"
		0.045"	3/32"	1/16"		3/4"	3/4"
		0.052"					

• Required Vacuum : 95" H₂O +

CASE STUDY

The American Conference of Governmental Industrial Hygienists (ACGIH) recommends maintaining a maximum manganese concentration of 0.02 mg/m³ in the welder's breathing zone. Tests carried out by an independent sampling company at a metal product manufacturer's factory using strict welding parameters have demonstrated that the AIRGOMIG gun can meet these recommendations.

COMPLIANCE WITH MANGANESE CONCENTRATION STANDARDS

	Welding fume (mg/m ³)	Manganese (mg/m ³)
ACGIH recommendations	3.00	0.020
Airgomig Data		
Solid wire	0.69	0.015
Metal core	0.45	0.010
Flux core	0.46	0.010



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