

AIRGOMIG



MIG WELDING FUME EXTRACTOR GUN



699.00\$

*Manufacturer's suggested
retail price*

- ▶ 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
AGM 300	8.5	7.4	7.0	6.5	7.5	6.4
AGM 400	12.0	10.0	9.0	8.5	11.0	9.6
AGM 500	15.0	12.0	10.0	9.0	13.0	11.0

CONFIGURATION TABLE

AMPERAGE	LENGTH	WIRE SIZE			SWAN NECK ANGLE	GAZ NOZZLE	
300 Amp 400 Amp 500 Amp	12' 15'	Steel		Aluminium	45° 45° long 60° 60° long	Copper	Zirconium Copper
		0,030"	0,052"	0,035"		1/2"	1/2"
		0,035"	1/16"	0,045"		5/8"	5/8"
		0,045"	3/32"	1/16"		3/4"	3/4"

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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