

# ACCU-FLOW

## Gas Flow Regulator for MIG Welding



### **Exclusive Gas Flow Selector System for MIG Welding**

The flow rate of the shield gas is adjustable with just a touch versus flow meter type regulators. The Accu-Flow helps to reduce gas waste by allowing the operator to set the exact flow setting quickly and easily, thus preventing excessive use of expensive shielding gas. The Accu-Flow system for MIG welding from Koike Aronson comes in two exclusive types. The electrically heated Accu-Flow CO<sub>2</sub> / CWH-30D version and the Accu-Flow Mixing Gas / MIX-30 version are available for your needs. The CWH-30D thermostatically controlled body heating method insures reliable heat efficiency with quick start-up. The built-in cartridge heater assures safety and durability.

### **Features & Benefits**

- **Two Models Available**  
CWH-30D heated regulator for CO<sub>2</sub>  
MIX-30 for Argon/CO<sub>2</sub> mix
- **Precise Gas Flow Control**  
This exclusive flow select system allows accurate gas flow control by simply adjusting the dial, saving both time and gas
- **No Flow Tube**  
No worries about flow tube needing to be upright to function, ball centering inaccuracies or tube breakage
- **Chrome Plated**  
Durable finish on fittings provides corrosion resistance
- **Piston System Design**  
The pressure regulating mechanism is free from pressure variation, ensuring high accuracy and durability
- **Triple Filters**  
Three inlet gas filters prevent dirt and grit from entering the system
- **Compact and Lightweight**  
Only .59 kg (1.3 lb), easy enough to carry just about anywhere

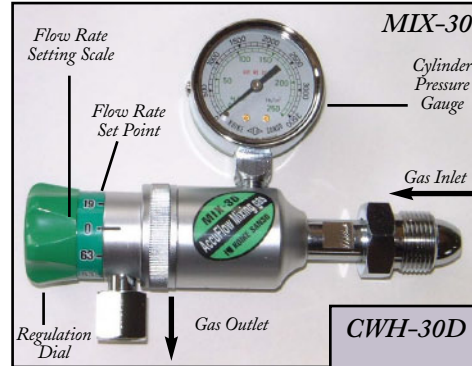
# Specifications

AccuFlow30D-1000-1105



**ACCU-FLOW**  
Gas Flow Regulator for MIG Welding

SPECIFICATIONS	CWH - 30D	MIX - 30
Gas	CO <sub>2</sub>	CO <sub>2</sub> and Argon
Flow Rate Regulation Method	Flow Selector System	
Flow Rate Range	19-63 CFH, 10 Step Setting (0, 19, 23, 27, 31, 36, 42, 48, 53, 63 CFH)	
Cylinder Pressure Gauge	250 kg/cm <sup>2</sup> (3,500 lb/in <sup>2</sup> )	
Delivery Pressure	28psi (2bar)	
Input Power Supply	110V ± 10%	—
Heater Capability	200W	—
Activated Temperature for Thermostat	54°F ± 9° (130°C ± 22°)	—
Weight	2.04 kg (4.5 lb)	.59 kg (1.3 lb)
Connection Table		
Inlet	CGA 320 (.830 -14 -RH-INT)	CGA 580 (.960-14-RH-EXT)
Outlet	5/8-18 RHF	5/8-18 RHF



The electrically heated Accu-Flow CWH-30D uses carbon dioxide gas. The Accu-Flow Mixing Gas MIX-30 version uses carbon dioxide and argon.









## How to Operate

- 1) Before opening cylinder valve, set the scale division at "0".
- 2) Turn the dial clockwise to increase flow rate gradually.
- 3) For setting flow rate, match the corresponding scale division of dial with the scale set point. At "0" the gas does not flow.
- 4) Return setting to "0" after use.
- 5) To terminate operation, close the cylinder valve and discharge gas from inside regulator by turning the dial clockwise then back to "0". If desired disconnect regulator from the cylinder.

MODELS	Part #
<b>Accu-Flow Series MIX-30 Regulator</b>	
MIX-30 CO <sub>2</sub> + Argon (Mig Welding)	DC120133
<b>Accu-Flow CWH-30D Regulator</b>	
CWH-30D (Mig Welding)	DC061202

## Inert Coupling Option

A-Set - Quick Coupling Set for Flow Meter Outlet to Hose		
Set Model	Plug	Socket
<b>LSP-3SMF</b> Part # ZA4234020 	<b>LS-3SM</b> CGA-032 5/8" - 18 UNF Part # ZA423-3020 	<b>OP-3SF</b> CGA-032 5/8" - 18 UNF Part # ZA423-3022 
B-Set - Coupling Set for Hose to Welding Unit		
Set Model	Plug	Socket
<b>LSP-3SFM</b> Part # ZA4234023 	<b>LS-3SF</b> CGA-032 5/8" - 18 UNF Part # ZA4233021 	<b>OP-3SM</b> CGA-032 5/8" - 18 UNF Part # ZA423-3023 



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