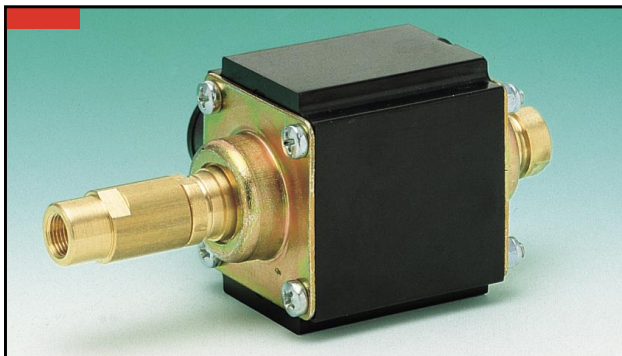


# Fluid-o-Tech "Mono" oscillating piston pumps

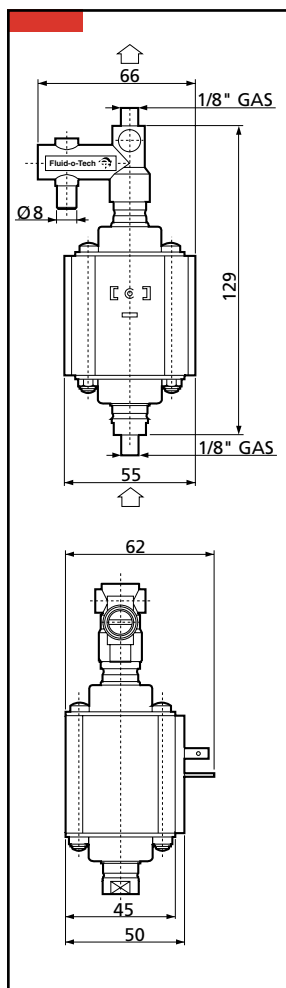
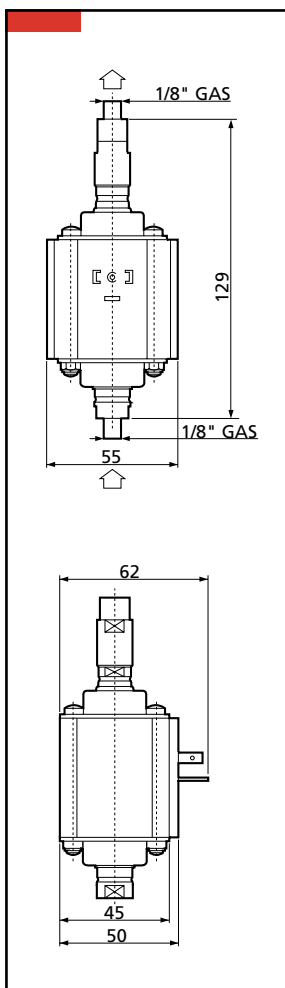


This latest version of the Fluid-o-Tech "Mono" oscillating piston pump has been developed looking at the future.

The hydraulic improvements make of this pump the ideal component for all the applications where safety and reliability are

necessary elements. The "Mono" oscillating piston pump, designed for pumping a range of fluids including potable water, food quality low viscous syrups and semiaggressive fluids at relatively high pressures under continuous operation, is available in brass or plastic housing and fittings, with glass or EPDM check valves and an AISI 430 FR stainless steel piston.

The coil is made of self-extinguishing material with a class H insulation winding. All the models are equipped with a noise suppression device which allows the pump to be installed in all those applications where the low noise is a premium. Shock absorbing supports are also available for the quietest operation.



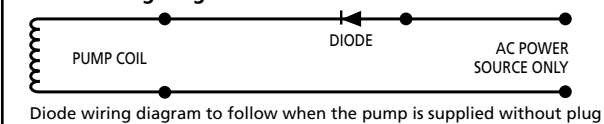
## Main Applications

- Espresso coffee machines
- Beverage vending machines
- Smoke generators
- Steam generators
- Carpet cleaners
- Water purifiers
- Water Carbonators
- Spraying systems

## Electrical characteristics

	"IF" Coil (IF) File E164244	"IL" Coil
Voltage	120 V	230 V
Frequency	60 Hz	50 Hz
Power	70 W	55 W
Current	0,98 A	0,34 A
	"AL" Coil	"AF" Coil
Voltage	230 V	120 V
Frequency	50 Hz	60 Hz
Power	70 W	70 W
Current	0,65 A	1,4 A
	"AA" Coil	
Voltage	24 V	
Frequency	50-60 Hz	
Power	45 W	
Current consumption at 50 Hz:	3,6 A	
Current consumption at 60 Hz:	3,4 A	

## Wiring diagram



**Fluid-o-Tech**  
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# Fluid-o-Tech "Mono" oscillating piston pumps

**1 1 06 P A I F M9N**

1 = Axial


1 = Quiet pump

06 = 6 mm piston 08 = 8 mm piston 10 = 10 mm piston 15 = 15 mm piston

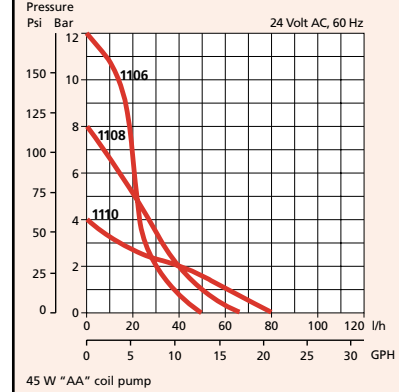
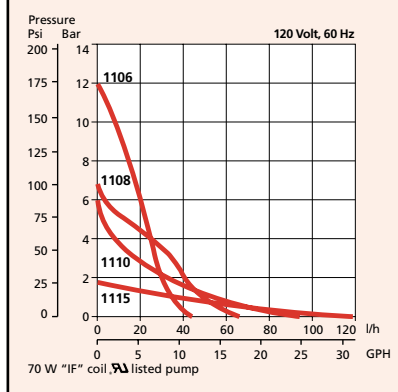
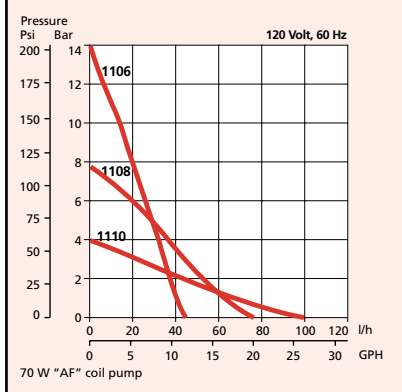
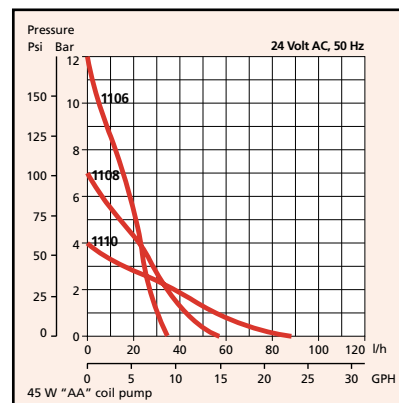
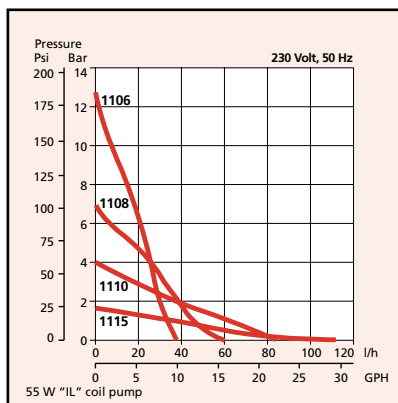
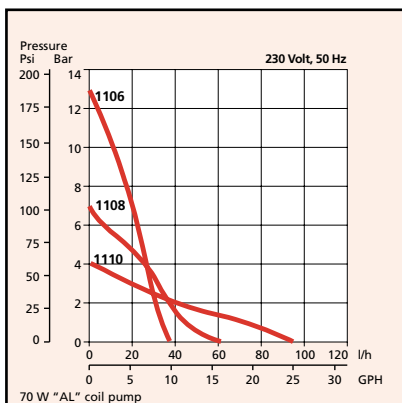
P = NBR seals R = NBR seals w/insert T = PTFE seals W = Viton seals

L = Brass with 1/8" NPT inlet A = Brass with 1/8" GAS inlet D = Plastic with 8 mm barbed inlet

A = 70 W coil I = 70 W coil if 120 V version - 55 W coil if 230 V version

A = 24 V, 50/60 Hz coil L = 230 V, 50 Hz coil F = 120 V, 60 Hz coil (The "IF" coil is  listed)

M1N = 1/8" GAS brass fitting	B2V = 1/8" GAS brass by pass 8 mm outlet with Viton seals
M1V = 1/8" GAS brass fitting with Viton seals	M3N = 1/8" GAS high flow brass fitting
R1N = 1/8" GAS plastic flow regulator	M3V = 1/8" GAS high flow brass fitting with Viton seals
M2N = 1/8" GAS plastic fitting	M3T = 1/8" GAS high flow brass fitting with PTFE seals
M2V = 1/8" GAS plastic fitting with Viton seals	M9N = 1/8" NPT high flow brass fitting
B2N = 1/8" GAS brass by pass 8 mm outlet	M9V = 1/8" NPT high flow brass fitting with Viton seals



Characteristics with water at 20°C - Figures of flow are averages

VIP - MONO 11/01 Ed.



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