

ENGINEERED REVOLUTION

ELECTRICAL INTERFACE

ACCUFLO™
SOLENOID PUMP TECHNOLOGY

- Available in AC or DC voltage
- On/Off Reliability
- Displacement Repeatability
- No Lubrication Needed

Wilden Accu-Flo™ pumps further broaden the scope of applications suitable for air-operated pumps to include batching, metering, and other electrically controlled dispensing applications. Wilden's new line of Accu-Flo™ pumps utilize compressed air as the driving force to displace process fluid, while electrical signals control pump speed. Wilden's Accu-Flo™ pumps can interface directly with a wide variety of electronic devices giving you the ability to fully automate your process.



WILDEN®
AIR OPERATED DOUBLE DIAPHRAGM PUMPS

airpumping.co.uk

Unit 16, Upminster Trading Park, Warley St., Upminster, Essex, RM14 3PL, ENGLAND

Accu-Flo™ Solenoid Pump Technology

Enjoy the benefits of Wilden air-operated, double-diaphragm pumps while achieving greater control in batching, metering, and other electrically controlled dispensing applications. Accu-Flo™ pumps interface directly with a wide variety of electronic devices enabling you to fully automate your process. Utilizing compressed air as a driving force to displace process fluid, Accu-Flo™ pumps have many of the same features as standard Wilden air-operated pumps.

The Wilden Accu-Flo™ air valve uses electrical impulses to stroke the pump, instead of pressure differential as does the standard Wilden air valve. This valve is a two-position, four-way solenoid valve that has a single operator and spring return. The valve is internally air piloted for long coil and operator life.

When the solenoid is unpowered, one air chamber within the pump is pressurized with air, while the opposite chamber is exhausted. When electric power is applied, the solenoid shifts, and the pressurized air chamber is exhausted while the opposite chamber is pressurized. By alternately applying and removing power, the Accu-Flo™ pump runs like a standard Wilden pump.

Wilden Accu-Flo™ pumps have the following inherent features:

- Interface directly with electronic devices
- On/Off reliability
- No lubrication needed

Solenoid Coil Options

Models Available:	Nema 4 UL CSA Approved								
	Part Number	Voltage ±10%		Power(W) ±10%	Current (A)			Resistivity (Ω)	
		DC	AC		DC	AC			
			60 Hz			50 Hz	Inrush		Holding
A.025 (1/4")	00-2110-99-150	24	48	44	4.8	.20	.20	.20	121
A1 (1/2")	00-2110-99-151	12	24	22	4.8	.40	.40	.40	32
A2 (1")	00-2110-99-155	60	120	110	4.8	.08	.08	.06	840
A4 (1 1/2")	Nema 7 UL CSA Approved								
A8 (2")	00-2110-99-153	12	24	22	7	.60	.55	.32	19
A15 (3")	00-2110-99-154	24	48	44	7	.30	.30	.18	75
A20 (4")	00-2110-99-156	60	120	110	7	.12	.13	.06	475
	International Explosion Proof / Cenelec / PTB file# EX-91.C.2027								
	00-2110-99-157	24 VDC			3.3	.135	.135		177

Contact your authorized Wilden Distributor for further information on Accu-Flo™ pumps or other pumping solutions.



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AIR OPERATED DOUBLE DIAPHRAGM PUMPS

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