



A
Legendary
Performer!



Where Innovation Flows.

Born from the grass roots era of industrial manufacturing, and then improving upon the design over the past 50+ years, Wilden's Turbo-Flo Z™ Air Distribution System (ADS) is a culmination of years and years of experience in some of the most demanding and difficult pump applications the world has to offer. As the successor to the Turbo-Flo™ ADS that originated the air-operated double-diaphragm industry back in 1955, Turbo-Flo Z™ offers the reliability and performance that is expected from a world leading pump manufacturer. Along with being reliable, this air distribution system provides lube-free operation, is non-stalling, easy to maintain, and is economically conscious as well.

With experience that speaks for itself, Wilden knows how to maximize your yield, increase your up-time and reduce costs associated with your pumping needs. Tap into our wealth of experience and knowledge; together with our full service local distributors, we have qualified individuals to specify, install, maintain, troubleshoot, or repair your equipment. To purchase a new Wilden Original™ Series pump fitted with the Turbo-Flo Z™ air distribution system contact your authorized Wilden distributor today.



Features & Benefits:

- Lube-Free Operation
- Simplicity of Design
- Ease of Maintenance & Operation
- Flow rates to 909 lpm (240 gpm)
- ON/Off Reliability

www.wildenpump.com



Tough Applications Are Not So Tough With Turbo-Flo Z™

Wilden's Turbo-Flo Z™ pumps are designed and manufactured for both general and specialized applications found in a wide variety of industries ranging from paints and inks to water and wastewater and many, many more. Another advantage of Wilden's Turbo-Flo Z™ pump is simplicity of design; engineered with the lowest number of moving parts in the industry this pump assures that your maintenance programs result in lower direct maintenance expenses and reduced downtime.

- Solvents
- Acids

- Caustics
- Hazardous Liquids

- High Viscosity
- Low Viscosity

Benefits of Turbo-Flo Z™

- Variable Flow and Pressure
- Ease of Assembly & Operation
- Lube-Free
- ON/Off Reliability
- Intrinsically Safe by Design
- Shear Sensitive
- Self-Priming
- Dry Running without Damage
- Deadhead Capable
- Portable

Material Availability

Turbo-Flo Z™ is available with your choice of many different elastomer and wetted housing materials options to suit your pumping needs. This will help to ensure that a Wilden pump fitted with the Turbo-Flo Z™ ADS is chemically compatible with your process fluid.

Materials Available

Elastomer	Wetted Housing
Buna-N	Aluminum
Neoprene	Ductile Iron
Polyurethane	Polypropylene
Wil-Flex™ (Santoprene®)	
PTFE	

Pump Selection Performance Criteria

Model	Inlet / Discharge Porting	Suction Lift				Max. Flow	
		PTFE		TPE/Rubber		PTFE	TPE / Rubber
		Dry	Wet	Dry	Wet		
TZ1	13 mm (1/2")	13.6 m (4.2')	7.9 m (26.0')	4.3 m (14.2')	7.9 m (26.0')	59 lpm (15.3 gpm)	60 lpm (15.8 gpm)
TZ2	25 mm (1")	1.7 m (5.7')	9.0 m (29.5')	6.4 m (21.0')	9.0 m (29.5')	106 lpm (28.1 gpm)	156 lpm (40.2 gpm)
TZ4	38 mm (1-1/2")	4.5 m (14.8')	4.5 m (14.8')	7.0 m (22.9')	9.0 m (29.5')	202 lpm (53.2 gpm)	272 lpm (71.8 gpm)
TZ8	51 mm (2")	3.6 m (11.9')	9.0 m (29.5')	6.6 m (21.8')	9.0 m (29.5')	595 lpm (157.2 gpm)	610 lpm (161.3 gpm)
TZ15	76 mm (3")	5.3 m (17.3')	9.0 m (29.5')	6.1 m (19.9')	9.0 m (29.5')	735 lpm (194.1 gpm)	909 lpm (240 gpm)



Authorized Representative: