

Standard Product Capabilities

Pump solutions from a World Leader



FW Series

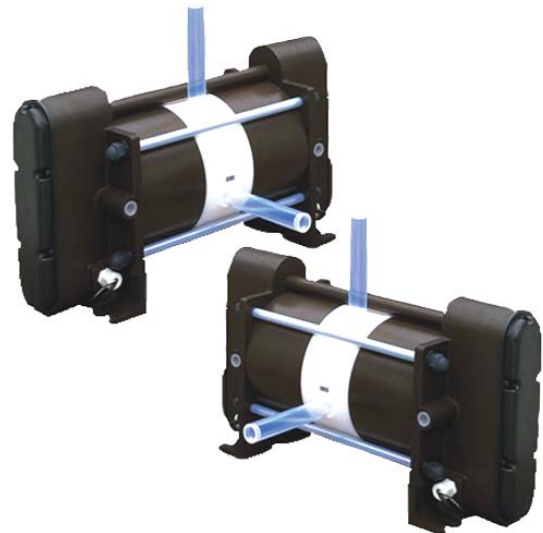
Universal temperature pump

Whether your application requires high pressure or high temperature, the FW-H universal temperature pump will meet your needs!

High purity and exceptional performance are central to the design mission of these pumps - in fact, the pumps are manufactured in a class 10,000 clean room environment.

- The PTFE bellows and PFA valves and tubing are welded, ensuring the greatest possible resistance to contamination.
- Temperature range of 10-180°C accomodates almost any application.
- Internal bellows design allows for higher pressure ratings by eliminating the failure points of traditional flat diaphragms and extending the pump's service life.
- Innovative clamp design allows for field repair, greatly reducing maintenance costs.
- Accurate, predictable flow rate is provided by "smart sensors" that control air via proximity sensors: no separate flow meter is necessary.
- Reliable leak detection feature provides for "lights out" operation without fear of contaminating wet bench chemistry.

Think twice. Spec once.



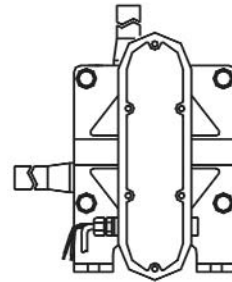
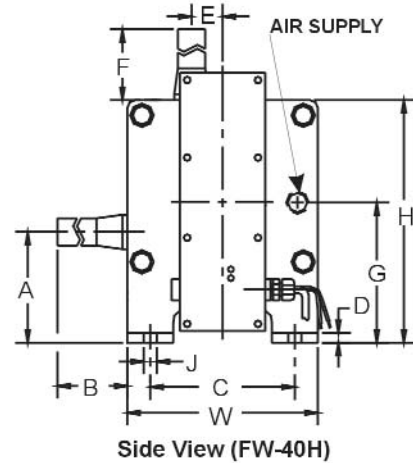
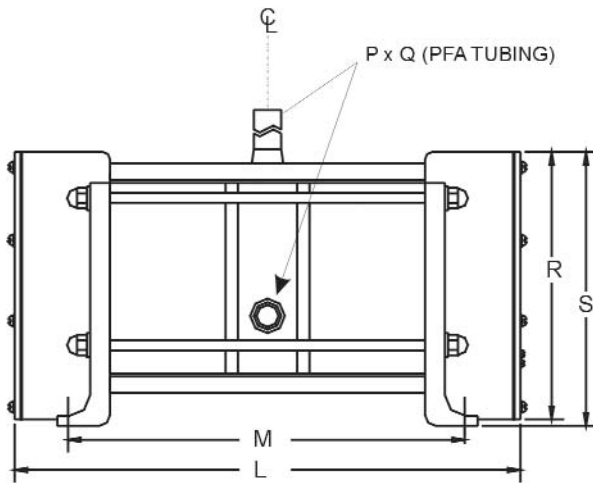
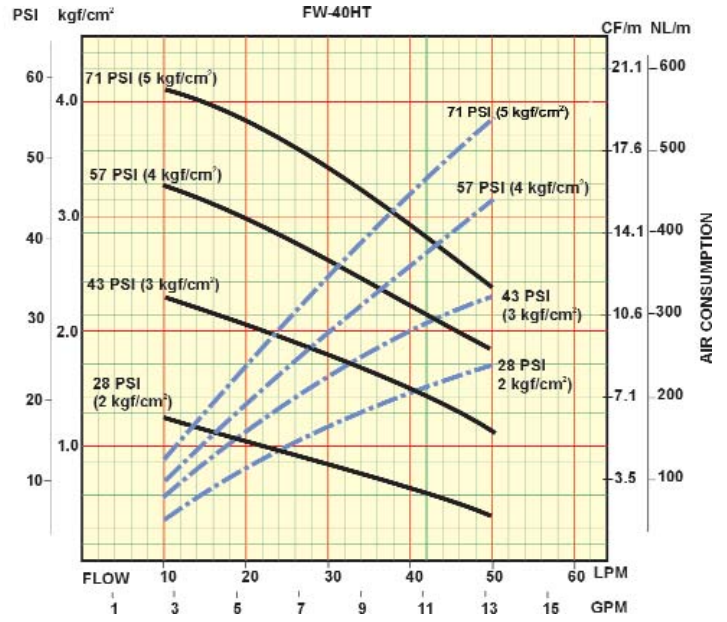
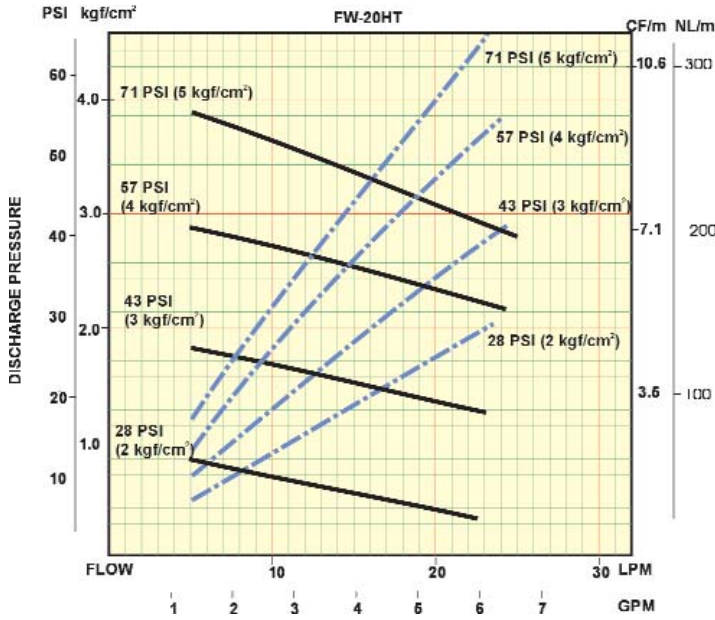
**HIGH / LOW TEMPERATURE
PNEUMATIC DRIVE BELLOWS PUMP**

Specifications

Pump	FW-20H	FW-40H	
Max. discharge flow GPM (LPM)	6.5 (25)	12.9 (50)	
Liquid temperature range °F (°C)	50-212 (10-100)	212-300 (101-150)	300-356 (151-180)
Supply air pressure* PSI	71-43	43-28	28-21
Max. stroke speed SPM	120	80	
Pump connection size	3/4" PFA tube	1" PFA tube	
Air connection size	1/4" PT	3/8" PT	

**PROVEN
RELIABILITY.
ADVANCED
TECHNOLOGY.**





Dimensions in inches

Model	A	B	C	D	E	F	G	H	J	L	M	R	S	W	PxQ	Air Supply
FW-20H	3.54	3.9	4.13	0.24	0.87	3.9	4.41	7.47	0.39	18.03	13.62	8.58	8.70	5.51	3/4	1/4
FW-40H	4.02	3.90	5.51	0.24	1.00	3.90	5.12	8.66	0.47	21.34	17.09	9.45	9.84	7.09	1	3/8

