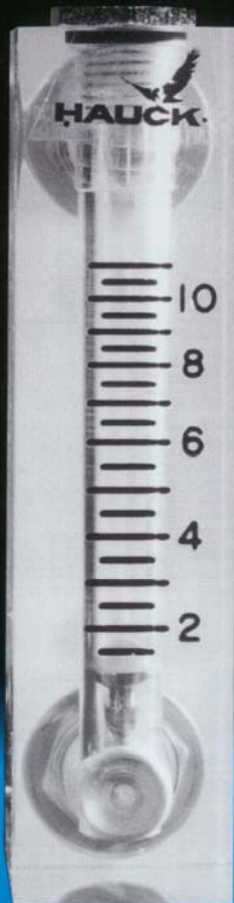
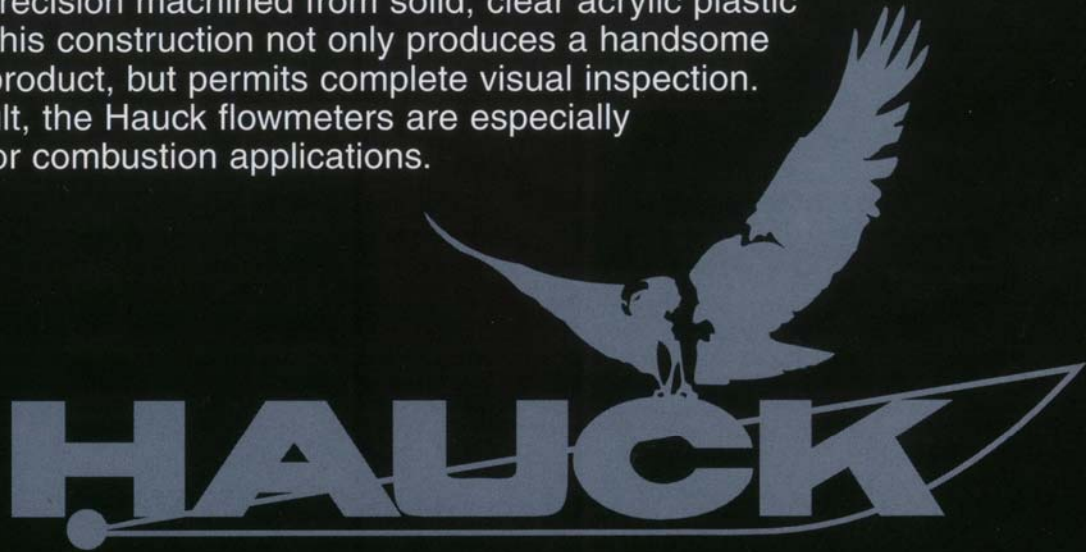


FMO OIL FLOW METER

Hauck's FMO oil flow meters provide accurate measurement of fuel flow for applications using No.2 grade fuel oil. Hauck flowmeter bodies are cut and precision machined from solid, clear acrylic plastic blocks. This construction not only produces a handsome finished product, but permits complete visual inspection. As a result, the Hauck flowmeters are especially popular for combustion applications.



FMO-1

- Easy To Read Scales
- Stainless Steel Connections
- Durable, Machined Acrylic Construction
- Accuracy $\pm 5\%$ of Full Scale
- Buna-N O-Ring Seals
- Metal Mounting Inserts for Optional Panel Mounting

Hauck flowmeter bodies are cut and precision machined from solid, clear acrylic plastic blocks. This construction not only produces a handsome finished product, but permits complete visual inspection. As a result, the Hauck flowmeters are especially popular for combustion applications.

Scales are easy to read - The front scale location and white background provides excellent visibility. The direct reading scales are hot pressed into the plastic and will not wear off. Mid-range calibration is established with a master flowmeter. Accuracy is $\pm 5\%$ of full scale. Scales average 2" long.

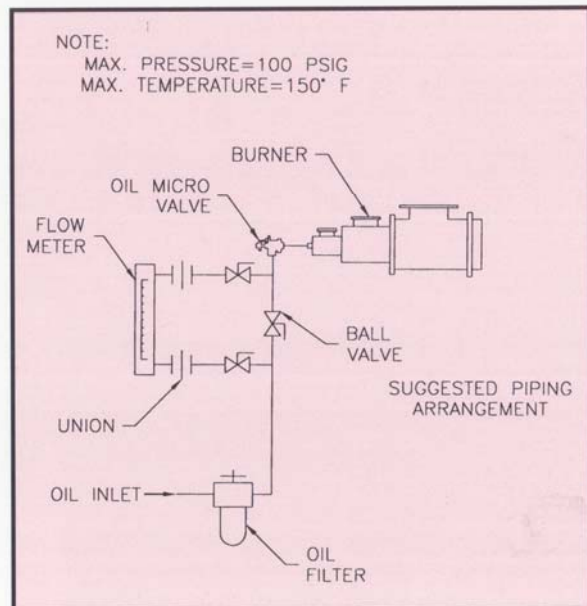
Durable and attractive construction - The machined acrylic bodies of the Hauck flowmeters are practically unbreakable. The tapered bore is precision machined to a smooth surface that provides perfect visibility of the indicating float. The FMO has stainless steel inlet and outlet connections tapped for 1/8" NPT thread. The FMO employs Buna-N "O" rings for leak proof operation and is available with back connections for vertical piping.

Easy installation - The FMO should be installed with a bypass loop to ease maintenance and reduce pipe stress on flowmeter body. All flowmeters have metal mounting inserts for panel mounting.

The FMO is limited to use with clear #2 oil only. Maximum oil temperature is not to exceed 150°F (65°C). Maximum pressure rating is 100 psi.

Additional Capacities - A full line of high-capacity oil flow meters is available. Capacities to 1800 GPH light oil. Liquid Propane flowmeters available to 2300 GPH capacity.

Recommended Piping Schematic



Capacity Table

MODEL #	CALIBRATION SCALE
FMO-012-050	1-5 GPH
FMO-012-110	1-11 GPH
FMO-012-200	2-20 GPH
FMO-012-400	5-40 GPH
FMO-012-600	2-60 GPH
FMO-012-035	.35-3.5 GPH
FMO-012-070	1-7 GPH

*Note - Model Number reflects the inlet pipe size and maximum flow capacity. One decimal place is excluded on the maximum flow capacity.

For example: FMO-012-050

FMO = Flow Meter Oil
012 = .125" NPT
050 = 5.0 GPH Maximum Flow



HAUCK MANUFACTURING COMPANY

P.O. Box 90, Lebanon, PA 17042

717-272-3051 Fax: 717-273-9882

In Canada: Thermix, Inc.

Phone: 514-695-0681 Fax: 514-695-1513 (Montreal)

Phone: 905-634-3773 Fax: 905-634-5959 (Burlington)



Hauck Manufacturing Company

COMBUSTION CONTROL ACCESSORIES OIL FLOW METERS (FMO)



Oil flow meters are used to provide instantaneous flow monitoring for applications using commercially available fuel oils.

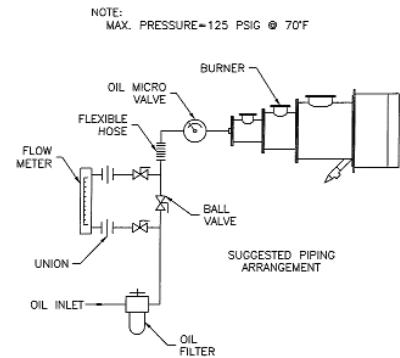
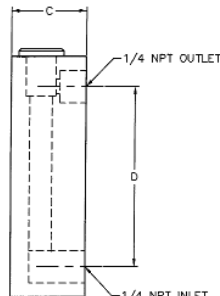
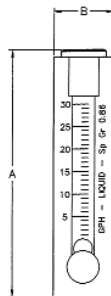
Low capacity oil flow meters should be installed in a bypass loop for ease of maintenance and to reduce pipe stress on the flow meter body. They are limited for use with No. 2 fuel oil only and are suitable for applications up to 125 psi (860 kPa) at 70°F (21°C). Accuracy is +/-4% of full scale reading.

Low Capacity Flow Meters



Model No.	Hauck Part No.	Conn Size NPT	Minimum Flow (gph)	Maximum Flow (gph)
7520-02	70851X007	1/4	0.7	7.6
7520-04	70851X002	1/4	1.2	13
7520-06	70851X003	1/4	2.3	24
7520-08	70851X004	1/4	4.7	48
7520-10	70851X005	1/4	6.4	65

Dimensions (Inches)



Model No.	A	B	C	D
7520-02	4 1/8	1	1 1/4	3
7520-04				
7520-06				
7520-08				
7520-10				

FMO-1



Hauck Manufacturing Company

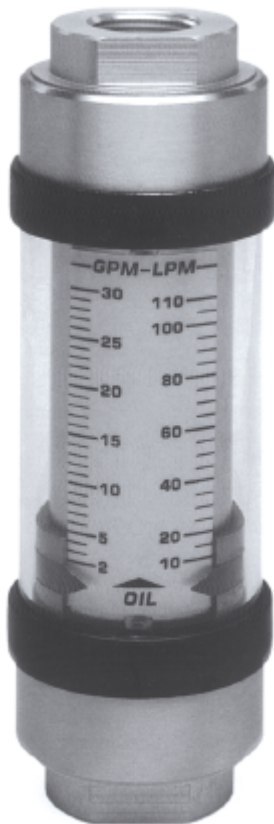
COMBUSTION CONTROL ACCESSORIES OIL FLOW METERS (FMO)



Oil flow meters are used to provide instantaneous flow monitoring for applications using commercially available fuel oils.

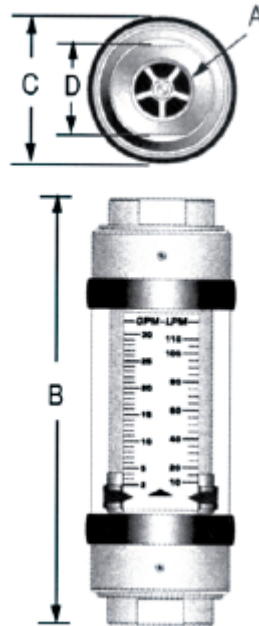
High Capacity Oil Flow Meters are in-line meters suitable for light and heavy fuel oils in applications up to 800 psi (5520 kPa) at 400° F (204 °C). Accuracy is ±2% of full scale reading. Repeatability is ±1%.

High Capacity Flow Meters



Model No.	Hauck Part No.	Conn. Size NPT	Minimum Flow (gpm)	Maximum Flow (gpm)	C _v
H201-010	62656x002	¼	0.1	1	2.7
H701-020	41419x006	¾	0.1	2	2.7
H701-050	41419x004	¾	0.5	5	2.7
H701-100	41419x005	¾	1.0	10	2.7
H701-150	41419x001	¾	1.0	15	2.7
H801-300	53013	1 ¼	3.0	30	2.7

Dimensions (Inches)



A Conn. Size (NPT)	B Length	C Width	D Flats
¼	6.60	2.01	1.25
¾	7.20	2.48	1.50
1 ¼	12.20	4.20	2.75

FMO-1.1