POM/POM-H
Prepiped Oil / Heavy Oil Manifold

The Hauck POM / POM-H oil manifolds are a factory assembled prepiped oil train that permits easy, fast installation. The manifold is available for light fuel oil (POM) or heavy fuel oil (POM-H) applications.

The POM manifold is designed to meet industry-accepted safety standards for fuel oil delivery to combustion systems. Additionally, the POM is packaged to provide optimum convenience and ease of maintenance.

Each POM is equipped with the following items:

- Mounting Rack
- Inlet Ball Valve
- "Y" Strainer
- In-line Flow Meter
- Low/High Oil Pressure Switch
- Inlet Pressure Gauge & Needle Valve
- (2) Automatic Safety Shutoff Valves With Visual Indication and Valve Open/Closed Switches
- Outlet Pressure Gauge & Needle Valve

Each POM-H is equipped with all of the above and the following:

- Low/High Oil Temperature Controller
- Normally Open Return Solenoid Valve
- Return Line Ball Valve

Each POM/POM-H is rated for fuel oil up to 250°F (121°C) and 80psig (550 kPa).

POM

The POM and POM-H are well suited for single burner firing applications in asphalt, mining, air heating and other oil-fired applications. Furthermore, a POM can be used as part of a system shutoff for multi-burner applications on furnaces, kilns and ovens.

Five prepiped oil manifolds are available with maximum capacities for light fuel oil from 300 gph to 1800 gph (1140 to 6810 lph) and for heavy fuel oil from 288 to 1720 gph (1090 to 6510 lph).

POM / POM-H SERIES
PREPIPED OIL / HEAVY OIL MANIFOLD

	MODEL NUMBER	CONNECTION SIZE (NPT)	MAXIMUM FLOW (gpm)	MAXIMUM FLOW (gph)	FLOW FACTOR C_v
Light Oil	POM 207-1	3/4 NPT	5	300	1.6
	POM 207-2	3/4 NPT	10	600	3.8
	POM 207-3	3/4 NPT	15	900	3.5
	POM 210	1 NPT	20	1,200	4.1
	POM 212	1-1/4 NPT	30	1,800	7.9
Heavy Oil	POM-H 207-1	3/4 NPT	4.8	288	1.6
	POM-H 207-2	3/4 NPT	9.5	570	3.8
	POM-H 207-3	3/4 NPT	14.3	858	3.5
	POM-H 210	1 NPT	19.1	1,150	4.1
	POM-H 212	1-1/4 NPT	28.6	1,720	7.9

Notes:

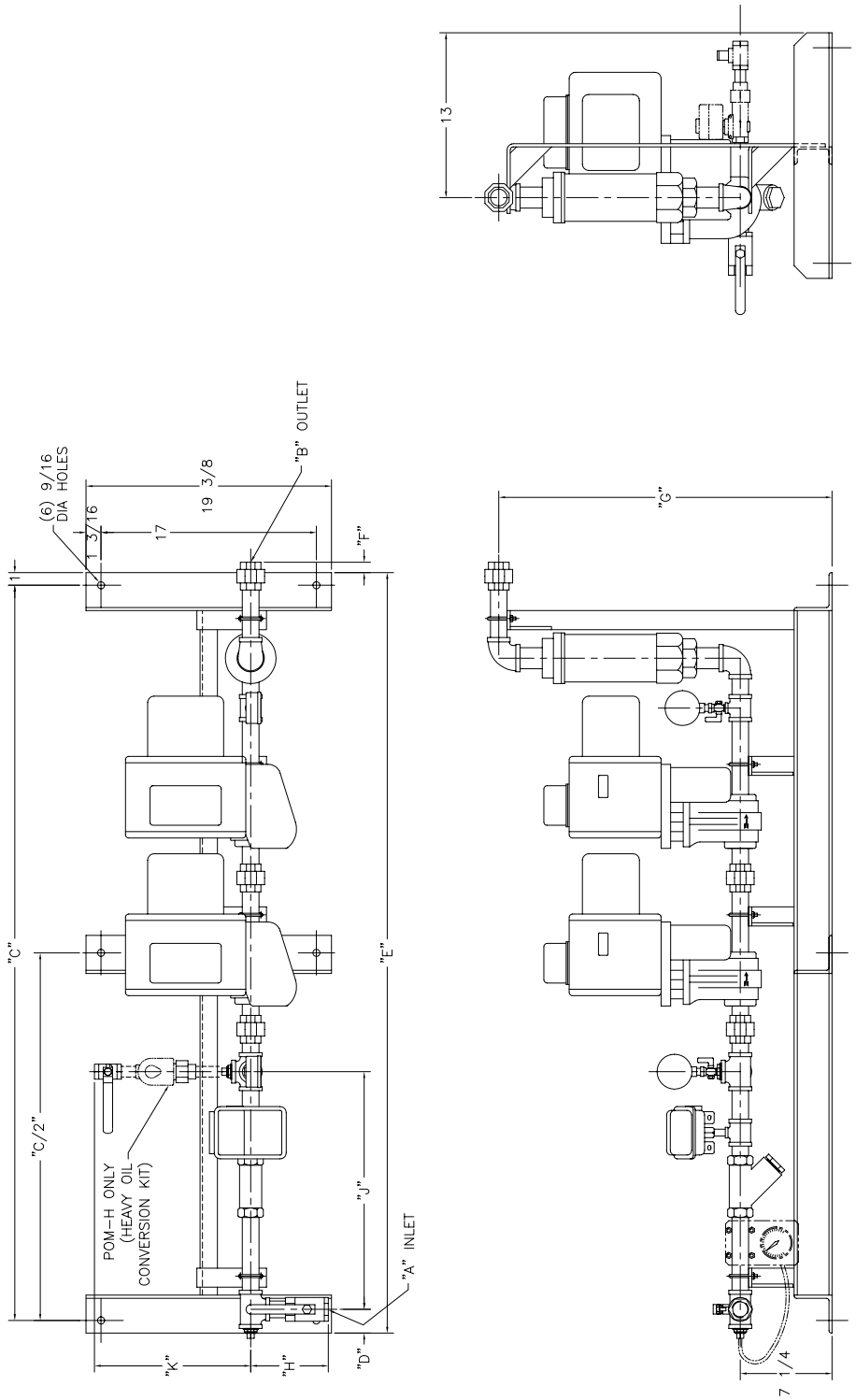
1. POM maximum flow based on No. 2 fuel oil with 0.87 specific gravity at 60°F, and viscosity of 40 SSU measured at 100°F.

2. POM-H maximum flow based on No. 6 fuel oil flow with 0.95 specific gravity at 210°F, and viscosity of 3000 SSU measured at 100°F.

3. To calculate maximum Btu/hr throughput, multiply No. 2 fuel oil flow in gal/hr by higher heating value (HHV) of 141,146 Btu/gal, or No. 6 fuel oil flow in gal/hr by HHV of 157,174 Btu/gal.

(Metric Capacities On Reverse Side)

POM / POM-H SERIES
PREPIPED OIL / HEAVY OIL MANIFOLD



Y6052
(NOT TO SCALE)

MODEL NO.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"
POM-_ 207-1	3/4 NPT	1/2 NPT	58	2	60	9/16	18 15/16	5 5/16	20 1/4	10 7/8
POM-_ 207-2										
POM-_ 207-3				1 7/8		1	19 7/16	6 1/8	18 3/4	
POM-_ 210	1 NPT	1 NPT								
POM-_ 212	1 1/4 NPT		70	1	72	13/16	26 3/8	7 1/2	24 7/8	11 7/16

Note: All dimensions are in inches.

(See Reverse Side For Metric Dimensions)

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