

Pumps for Heavy Oil (100-2500 SSU)

psi	GPM			motor		Drip-proof designation	Totally Enclosed ^② designation	Pipe size
	38 SSU	100 SSU	2500 SSU	hp	rpm			
100	5.3	7	7.6	1½	1200	8564-5001	8564-5002	1"
	12.2	14.5	16	3	1200	5003	5004	1½"
	17	20.5	22	3	1200	5005	5006	1½"
	30	36	37	7½	1200	5007	5008	2½"
	49	54	56	7½	1200	5009	5010	2½"
	67	74	74	15	1200	5011	5012	3"
125	1.35	1.8	1.85	½	1800	8564-6001 ^③	8564-6002 ^③	½"
	2.8	3.2	3.5	¾	1800	6003 ^③	6004 ^③	½"
	1.35	1.8	1.85	½	1800	6005	6006	½"
	2.8	3.2	3.5	¾	1800	6007	6008	½"
130	4.9	6.9	7.6	1½	1200	8564-7001	8564-7002	1"
	11.5	14.5	16	3	1200	7003	7004	1½"
	16	20.5	22	5	1200	7005	7006	1½"
	29	36	37	7½	1200	7007	7008	2½"
	47	54	56	10	1200	7009	7010	2½"
	64	74	74	15	1200	7011	7012	3"
150	4.7	6.8	7.6	1½	1200	8564-8001	8564-8002	1"
	11	14.5	16	3	1200	8003	8004	1½"
	15.5	20.5	22	5	1200	8005	8006	1½"
	28	36	37	7½	1200	8007	8008	2½"
	46	54	54	10	1200	8009	8010	2½"
	62	74	74	15	1200	8011	8012	3"
200		6.6	7.6	2	1200	8564-9001	8564-9002	1"
		14.5	16	5	1200	9003	9004	1½"
	④	20.5	22	5	1200	9005	9006	1½"
		36	37	7½	1200	9007	9008	2½"
		54	56	15	1200	9009	9010	2½"
		74	74	15	1200	9011	9012	3"

The oil pump set price does not include the starter switch or heaters. See sheet 8564-3 for the starter switch and heaters selection chart, if these items are required. These parts must be listed separately on the order and will ship as loose items with the pump set. They are not mounted or wired to the pump set assembly.

- ② Totally enclosed motors up to 1½ hp may be either TEFC or TENV, depending on manufacturer. Larger sizes are TEFC.
- ③ Motor electrical specs of 8564-6001, -6002, -6003, and -6004 are 115-230/1/60.
- ④ Maximum pressure for an oil less than 100 SSU is 150 psig.

Metric Conversions

$$\frac{1 \text{ gpm} = 0.063 \text{ L/s}}{1 \text{ psi} = 0.0703 \text{ kg/cm}^2 = 703.1 \text{ mm H}_2\text{O}}$$

WARNING: Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Components in combustion systems may exceed 160°F (71°C) surface temperatures and present hot surface contact hazard. Fives North American Combustion, Inc. suggests the use of combustion systems that are in compliance with all Safety Codes, Standards, Regulations and Directives; and care in operation.

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