

Engine Cooling Systems

AMERICAN MOTORS

CAPACITY (in quarts)		
Application	Without Heater	With Heater
1964		
196" L-Head	11	12
196" OHV Cast Iron	10	11
196" OHV Aluminum	9.5	10.5
232"	9.5	10.5
287", 327"	18	19
1965		
196" L-Head	11	12
196" OHV	10	11
199", 232"	9.5	10.5
287", 327"	18	19
1966		
199", 232"	9.5	10.5
287", 327"	18	19
290"	14	15
1967		
199", 232"	9.5	10.5
290"	13	14
343"	12	13
1968-69		
199", 232"	9.5	10.5
290"	13	14
343", 390"	12	13
1970		
199", 232"	9.5	10.5
304"	13	14
360", 390"	12	13
1971-73		
232", 258"	9.5	10.5
304"	13	14 ①
360", 401"	12	13 ②

① — 14.6 qts. is optional on 1972-73 Javelin, Matador & Ambassador only.

② — 13.6 qts. is optional on 1972-73 Javelin, Matador & Ambassador only.

FILL LEVEL

Fill to ½"-1" (Hot), or 1½"-2" (Cold) below radiator cap sealing surface on all models.

THERMOSTAT

Located in water outlet elbow. Used as follows:

Application ①	Initial Open	Fully Open
1964-65	193-197	218
1966-67	192-198	218
1968-69 (Except 232" Rogue).....	192-198	218
(232" Rogue)	202-208	228
1970-71	202-208	228
1972-73 (232", 258")	202-209	228
(304", 360", 401")	192-199	218

① — All temperatures in °F.

NOTE — Heat range necessitates use of ethylene glycol type anti-freeze. If alcohol and methanol type anti-freeze is used, a lower range thermostat must be installed. Alcohol and methanol type anti-freeze is NOT recommended for 1966-73 models.

ALUMINUM ENGINE CAUTION — Alcohol and methanol type anti-freeze must NOT be used with aluminum cylinder block.

PRESSURE VALVE

All 1964-69 models use a 14 lb. pressure cap which should be tested at 12-15 lbs. All 1970-73 models use a 14 lb. pressure cap which should be tested at 10-14 lbs.

WATER PUMP

Packless, sealed ball bearing type. Service as an assembly only.

MAINTENANCE

All 1964-68 models should be inspected, drained and cleaned every 24 months. All 1969-73 models should be inspected, drained, cleaned and back-flushed every 12 months.