

CARBURETOR APPLICATION GUIDELINES

General Application Use	Carb Size (CFM Rating)	Secondary Type	General Displacement Guidelines	Cam Guide (Duration @ .050)	Intake Type (B)	Carb Part# Reference	Calibration Kit
THUNDER SERIES AVS CARBURETORS							
Mild perf. street small CID	500 cfm	Adj. Velocity	225 - 327 cid	Up to 220°	Dual plane	1803/1804*	1486 (C)
Moderate high-performance street	650 cfm	Adj. Velocity	302 - 400+ cid	Up to 220°	Dual plane	1805/1806*	1840
Off-road high-performance	650 cfm	Adj. Velocity	283 - 460 cid	Up to 220°	Dual plane	1825/1826*	1842
High-performance street/light strip	800 cfm	Adj. Velocity	350 - 502 cid	Up to 246°	Dual plane & small single plane	1812/1813*	1841
Dual-Quad Small-Block Mild/High-Perf	500 cfm	Adj. Velocity	302 - 400+ cid	Up to 220°	Dual Quad	1803/1804*	-
Dual-Quad Big-Block Mild/High-Perf	650 cfm	Adj. Velocity	400 - 502 cid	Up to 246°	Dual Quad	1805/1806*	-
PERFORMER SERIES CARBURETORS							
Stock replacement/mild perf. street. Calibrated for economy, 50-state legal on '80 and prior GM only	600 cfm	Velocity	305 - 350 cid	Up to 200°	Dual plane	1400	N/A
Mild perf. street small CID & dual-quad	500 cfm	Velocity	225 - 327 cid	Up to 220°	Dual plane & quad	1403/1404*	1486 (C)
Moderate street high performance, street and towing	600 cfm	Velocity	302 - 400+ cid	Up to 220°	Dual plane	1405*	1479
Mild perf. street, calibrated for economy	600 cfm	Velocity	302 - 400+ cid	Up to 220°	Dual plane	1406*	1487
High-performance street (small CID), Moderate high-perf. (big CID), towing	750 cfm	Velocity	350 - 502 cid	Up to 230°	Dual plane & small single plane	1407*	1480
Mild performance street, towing, calibrated for economy w/performance	750 cfm	Velocity	350 - 502 cid	Up to 230°	Dual plane	1411*	1481
High-performance street/light strip	800 cfm	Velocity	350 - 502 cid	Up to 246°	Dual plane & small single plane	1412/1413*	1480
Dual-Quad Small-Block Mild/High-Perf	500 cfm	Velocity	302 - 400+ cid	Up to 220°	Dual Quad	1403/1404*	-
Dual-Quad Big-Block Mild/High-Perf	600 cfm	Velocity	400 - 502 cid	Up to 246°	Dual Quad	1405*	-
PERFORMER SERIES MARINE CARBURETORS							
Mild marine performance	600 cfm	Velocity	302 - 400 cid	Up to 220°	Dual plane	1409*	1488 (A)
Mild marine performance	750 cfm	Velocity	400 - 502 cid	Up to 246°	Dual plane & small single plane	1410*	1480

(A) Use calibration kit #1485 on 4.3L 90° V6 with #2111 & #2114 manifold

(B) Adapter #2696 required for OEM spread-bore intakes

(C) Calibration **required** for **single quad** applications only

*Not legal for sale or use on pollution controlled motor vehicles.

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