

SPECIFICATIONS

Model Numbers 2R75
 *Horsepower (B.I.A.-certified) 2 HP at 4500 rpm
 Full throttle operating range 4200 to 4800 RPM
 Test tank with test wheel 3900 RPM
 Test wheel Part Number 316021
 Engine type Single cylinder, 2 cycle
 Bore and stroke 1-9/16" bore x 1-3/8" stroke
 Piston displacement 2.64 cubic inches
 Piston ring sets (2 per set)
 Standard Part Number 383920
 .030" oversize Part Number 384312
 Diameter of ring 1.563 in. (standard)
 Width of ring0625 - .0615 in.
 Lbs. compression recommended, when compressed 1.3 to 2.8 lbs.
 Piston and rings - standard Part Number 384651
 .030" oversize piston less rings Part Number 384666
 Crankshaft size
 Top journal7502 - .7497 in.
 Bottom journal7502 - .7497 in.
 Connecting rod crank pin6690 - .6685 in.
 Carburetion Single barrel float feed, with high and low-speed adjustments
 Float level setting Flush with casting
 Inlet needle seat050 - .053 Use a #55 drill as gage
 Cooling system Vari-volume pump
 Propeller gear ratio 12:25
 Propeller drive pin Part Number 316558
 Propeller 7-1/4 x 4-1/2
 Speed control Single lever, synchronized throttle and spark
 Weight 24 lbs.
 Fuel capacity Gravity feed integral tank 1 qt.
 Starter Manual self rewinding
 Ignition Flywheel magneto
 Spark plug AC-M44C, Champion J6J - 14mm
 Spark plug gap030 inch
 Spark plug torque 17-1/2 - 20-1/2 foot-pounds
 Breaker point gap020 inch
 Condenser Part Number 580321
 Capacity18 to .22 Mfd.
 Coil Part No. 580971

COIL TEST SPECIFICATIONS

Old Stevens Tester

| Switch | Index Reading |
|--------|---------------|
| A | 2. to 2.5 |

New Stevens Tester Model No. M.A. -75

| Switch | Index Adjustment |
|--------|------------------|
| B | 22 |

Merc-O-Tronic

| Operating Amperage | Primary Resistance | | Secondary Continuity | |
|--------------------|--------------------|------|----------------------|------|
| | Min. | Max. | Min. | Max. |
| 1.6 | .5 | .7 | 35 | 45 |

Graham Tester Model 51

| Maximum Secondary | Maximum Primary | Coil Index | Minimum Coil Test | Max. Gap Index |
|-------------------|-----------------|------------|-------------------|----------------|
| 5500 | 1.2 | 75 | 33 | 75 |

* Horsepower established at sea level. Allow 2% reduction per 1000' above sea level.