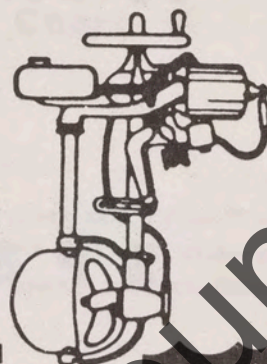
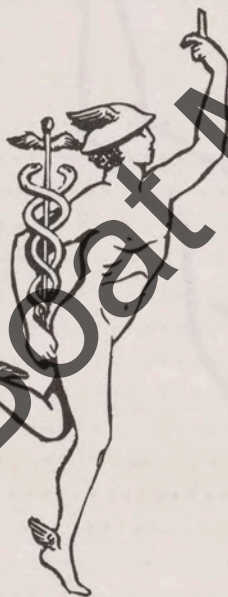


Reprinted especially for

the Antique Outboarder



The Pioneering Authority



Antique Boat Museum

1940 - 1957

MERCURY

MODEL/YEAR GUIDE

Antique Boat Museum

750 Mary Street

Clayton, NY 13624

OUTBOARD **MERCURY** MOTORS

GENERAL DESCRIPTION

S P E C I F I C A T I O N S



THE

MERCURY
LINE

KIEKHAEFER CORP., CEDARBURG, WIS.

Mercury • Wizard Comparison Chart

For Reference Only

The Kiekhaefer Corporation has discontinued manufacture of the Western Auto "Wizard" outboard motor and is, therefore, making available to all Mercury dealers the Parts List of all Wizard outboard motors built by the Kiekhaefer Corporation. Parts can be purchased directly from your Mercury part's distributor.

The following chart has been made to show the various models of Wizard outboard motors and the comparable Mercury outboard for repair and service procedure reference only. Wizard outboard motors do not incorporate all the features of Mercury Outboard Motors nor are all of the parts interchangeable. Refer to the Master Service Manual for repair information under the comparable Mercury models.

Wizard	Mercury
WA2.....	K1
WA3.....	K2
WA6.....	K4 - K5
WB2.....	KB1
WB3.....	K2 - KB2 - KB3
WB4.....	KB4
WB6.....	KB5
WD3.....	KD3
WD3S.....	KD3S
WD4.....	KD4
WD4S.....	KD4S
WF4 - WG4.....	KD4
WF7.....	KE7 - KF7
WG7 - WG7A.....	KG7
WH7.....	KH7
WH6 - WH6A.....	Mark 6
WK7.....	Mark 20* - Mark 20**
WJ7 - WM7.....	Mark 20* - KG7**
WM7A.....	Mark 25* - KG7**
WN7 - WN7A.....	Mark 25*
WA25 - WA25E.....	Mark 30 - Mark 30E

* Type Powerhead

** Type Lower Unit

Place This Sheet Inside the Cover of Your Master Service Manual.

I. KIEKHAEFER MERCURY OUTBOARD MOTORS, 1940-1955 MASTER SPECIFICATION CHART

Designation	Model	Year	Spark Plug Model	Spark Plug Setting	Magneto Model	Breaker Setting	Horse Power	RPM	Bore	Stroke	Cu. In. Displ.	Engine Weight
Special.....	K1	1940	Ch. J-8J	.025	Eisemann	.018	2.5	3800	2"	1 3/4"	5.5	27
Standard.....	K2	1940	Ch. J-8J	.025	Eisemann	.018	3	4250	2"	1 3/4"	5.5	28
Deluxe.....	K3	1940	Ch. J-8J	.025	Eisemann	.018	3	4250	2"	1 3/4"	5.5	31
Alternate.....	K4	1940	Ch. J-8J	.025	Eisemann	.018	6	4250	2"	1 3/4"	11	41
Alternate Deluxe.....	K5	1940	Ch. J-8J	.025	Eisemann	.018	6	4250	2"	1 3/4"	11	43
Comet.....	KB1	1941	Ch. J-8J	.025	Eisemann	.018	2.9	4000	2"	1 3/4"	5.5	31
Comet Deluxe.....	KB1A	1941	Ch. J-8J	.025	Eisemann	.018	3.1	4000	2"	1 3/4"	5.5	32
Streamliner.....	KB2	1941	Ch. J-8J	.025	Eisemann	.018	3.2	4000	2"	1 3/4"	5.5	32
Torpedo.....	KB3	1941-42	Ch. J-8J	.025	Wico	.018	3.2	4000	2"	1 3/4"	5.5	36
Rocket.....	KB4	1941-42	Ch. J-8J	.025	Eisemann	.018	5.8	4000	2"	1 3/4"	11	42
Rocket Deluxe.....	KB5	1941	Ch. J-8J	.025	Eisemann	.018	6	4000	2"	1 3/4"	11	46
Rocket.....	KB4-1	1946	Ch. J-8J	.025	Eisemann	.018	6	4000	2"	1 3/4"	11	42
Comet.....	KD3	1946-47	Ch. J-8J	.025	Scin.-Eise.	.018	3.2	4000	2"	1 3/4"	5.5	32
Rocket.....	KD4	1946-47	Ch. J-7J	.025	Scin.-Eise.	.018	6	4000	2"	1 3/4"	11	42
Comet.....	KD3S	1947	Ch. J-8J	.025	Scin.-Eise.	.018	3.2	4000	2"	1 3/4"	5.5	36
Rocket.....	KD4S	1947	Ch. J-7J	.025	Scin.-Eise.	.018	6	4000	2"	1 3/4"	11	46
Comet Deluxe.....	KE3	1947-48	Ch. J-7J	.025	Scintilla	.018	3.6	4000	2"	1 3/4"	5.5	36
Rocket Deluxe.....	KE4	1947-52	Ch. J-7J	.025	Phelon	.018	7.5	4000	2"	1 3/4"	11	54
Rocket Deluxe.....	KE4A	1947	Ch. J-7J	.025	Scintilla	.018	6	4000	2"	1 3/4"	11	54
Lightning Deluxe.....	KE7	1947-49	Ch. J-7J	.025	Scintilla	.018	10	4000	2 1/8"	2 1/8"	19.8	59
Comet.....	KF3	1949-50	Ch. J-7J	.025	Phelon	.018	3.5	4000	2"	1 3/4"	5.5	38
Comet.....	KF3	1949-50	Ch. J-7J	.025	Scintilla	.018	3.5	4000	2"	1 3/4"	5.5	38
Super 10.....	KF7	1949-50	Ch. J-7J	.025	Scintilla	.018	10	4000	2 1/8"	2 1/8"	19.8	61
Super 5.....	KF5	1949-52	Ch. J-7J	.025	Phelon	.018	5	4200	1 3/4"	1 1/2"	7.2	41
Super 5.....	KF5	1949-52	Ch. J-7J	.025	Scintilla	.018	5	4200	1 3/4"	1 1/2"	7.2	41
Rocket Hurricane.....	KG4	1950-52	Ch. J-7J	.025	Phelon	.018	7.5+*	* 2 1/8"	2 1/8"	14.89	57	
Rocket Hurricane.....	KG4H	1950-52	Ch. J-6J	.025	Phelon	.018	7.5+*	* 2 3/4"	2 3/8"	14.89	57	
Super 10 Hurricane.....	KG7	1950-52	Ch. J-6J	.025	Scintilla	.018	10+*	* 2 1/8"	2 1/8"	19.8	63	
Super 10 Hurricane.....	KG7H	1950-52	Ch. J-6J	.025	Phelon	.018	10+*	* 2 1/8"	2 1/8"	19.8	63	
Super 10 Hurricane Cruiser.....	KH7	1952	Ch. J-6J	.025	Scintilla	.018	10+*	* 2 1/8"	2 1/8"	19.8	70	
Thunderbolt.....	KF9	1949-50	Ch. J-7J	.025	F.-Morse	.010+ .000 -.002	25+*	* 2 1/8"	2 1/8"	39.6	122	
Thunderbolt.....	KG9	1950-52	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	25+*	* 2 1/8"	2 1/8"	39.6	122	
Super 5.....	Mark 5	1953-55	Ch. J-7J	.025	Phelon	.018	5	4200	1 3/4"	1 1/2"	7.2	40
Rocket Deluxe.....	Mark 7	1953-55	Ch. J-7J	.025	Phelon	.018	7.5	4000	2"	1 3/4"	11	54
Rocket Deluxe.....	Mark 15	1953	Ch. J-7J	.025	Phelon	.018	10	4000	2 1/4"	2 1/8"	14.89	57
Rocket Deluxe.....	Mark 20	1953-55	Ch. J-6J	.025	Scintilla	.018	16	4000	2 1/8"	2 1/8"	19.8	73
Thunderbolt.....	Mark 40	1953-54	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	25+*	* 2 1/8"	2 1/8"	39.6	122	
Thunderbolt.....	Mark 40H	1953-55	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	25+*	* 2 1/8"	2 1/8"	39.6	95	
Thunderbolt.....	Mark 50	1954	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	40	5400	2 1/8"	2 1/8"	39.6	118
Thunderbolt MercElectric.....	Mark 50E	1954	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	40	5400	2 1/8"	2 1/8"	39.6	120
Hurricane.....	Mark 20H	1954-55	Ch. K3	.025	Phelon	.018	16*	* 2 1/8"	2 1/8"	19.8	74	
Comet (Silent Six).....	Mark 6	1955	Ch. J-7J	.025	Phelon	.018	5.9	4500	1 3/4"	1 1/2"	7.2	42
Hurricane.....	Mark 25	1955	Ch. J-6J	.025	Phelon	.018	18	4500	2 1/8"	2 1/8"	19.8	75
Hurricane MercElectric.....	Mark 25E	1955	Ch. J-6J	.025	Phelon	.018	18	4500	2 1/8"	2 1/8"	19.8	84
Thunderbolt.....	Mark 55	1955	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	40	5400	2 1/8"	2 1/8"	39.6	111
Thunderbolt MercElectric.....	Mark 55E	1955	Ch. J-6J	.025	F.-Morse	.010+ .000 -.002	40	5400	2 1/8"	2 1/8"	39.6	118

* Horsepower Varies with RPM.

All Models Use Kiekhaefer Quicksilver 2-Cycle Engine Oil, 3/8 Pt. Mixed with Each Gallon of Gasoline. Quicksilver Models Require 3/4 Pt. Kiekhaefer Quicksilver Engine Oil with Each Gallon of Gasoline. All Models Use Kiekhaefer Aeromarine Gear Lubricant in Lower Unit.

SPECIFICATIONS -- 1956 and 1957 MODELS

Designation	Model	Year	Spark Plug Model	Spark Plug Setting	Magneto Model	Breaker Setting	Horse Power	RPM	Bore	Stroke	Cu. In. Displ.	En. Wt.
Thunderbolt	Mark 55	1956-57	J6J	.025"	F-Morse Kiekhaefer §	.010+.000 -.002	40	5400	2-7/16"	2-1/8"	39.6	111
MercElectric Thunderbolt	Mark 55E	1956-57	J6J	.025"	F-Morse Kiekhaefer §	.010+.000 -.002	40	5400	2-7/16"	2-1/8"	39.6	120
Thunderbolt Hydro	Mark 55H	1956-57	K3	.025"	F-Morse	.010+.000 -.002	40+*	*	2-7/16"	2-1/8"	39.6	100
Turbo-Four	Mark 30	1956-57	J6J	.025"	F-Morse Kiekhaefer §	.010+.000 -.002	30	5400	2-7/64"	2-1/8"	29.78	110
MercElec. Turbo-Four	Mark 30E	1956-57	J6J	.025"	F-Morse Kiekhaefer §	.010+.000 -.002	30	5400	2-7/64"	2-1/8"	29.78	118
Turbo-Four Hydro	Mark 30H	1956-57	J6J	.025"	F-Morse	.010+.000 -.002	30+*	*	2-7/64"	2-1/8"	29.78	98
Hurricane	Mark 25	1956-57	J6J	.025"	Phelon	.018	20	5400	2-7/16"	2-1/8"	19.8	75
MercElec. Hurricane	Mark 25E	1956-57	J6J	.025"	Phelon	.018	20	5400	2-7/16"	2-1/8"	19.8	85
Hurricane Hydro	Mark 20H	1956	K3	.025"	Phelon	.018	20+*	*	2-7/16"	2-1/8"	19.8	74
Comet (Silent Six)	Mark 6	1956-57	J7J	.025"	Phelon Scintilla	.018	5.9	4500	1-3/4"	1-1/2"	7.2	42
Mercath "Six"	Mark 75	1957-	J6J	.025"	Kiekhaefer Distributor	.008+.000 -.000	60	5400	2-7/16"	2-1/8"	59.4	168
Trol-Twin	Mark 10	1957-	J6J	.025"	Phelon	.018	10	4500	2-11/32"	2-1/8"	18.5	56

§ Kiekhaefer Magneto -- Used Alternately on 1957 Models.

* Horsepower Varies with RPM.

All Models Use Kiekhaefer Quicksilver 2-Cycle Engine Oil, 3/8 Pt. Mixed with Each Gallon of Gasoline. Quicksilver "H" Models Require 3/4 Pt. Kiekhaefer Quicksilver 2-Cycle Engine Oil with Each Gallon of Gasoline. All Models Use Kiekhaefer Aeromarine Gear Lubricant in Lower Unit.

OUTBOARD *MERCURY* MOTORS

GENERAL DESCRIPTION AND SPECIFICATIONS

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KIEKHAEFER CORPORATION, CEDARBURG, WISCONSIN

OUTBOARD *MERCURY* MOTORS

DESCRIPTION

MERCURY OUTBOARD MOTORS

The Mercury Outboard is one of the finest motors that superior engineering design, skill and workmanship can produce.

Before leaving the factory the motor is run in, thoroughly tested and inspected to assure efficient and economical performance, dependable service and many years of pleasure to the owner in its operation.

The maximum efficiency and the exceptional performance and satisfaction built into the Mercury has been made possible by continuous research and engineering and the testing of these motors in the largest and most modern equipped laboratory for two-cycle engines in the country.

The high standard of quality which identifies the products of the Kiekhaefer Corporation has been recognized by the award of Four Army and Navy E's.

All self-contained power units require a certain amount of attention. The Mercury requires a normal amount of care and by closely following the instructions contained in this manual, a maximum of performance will be obtained.

The amount of attention is small but IMPORTANT.

The Mercury is shipped from the factory ready for operation immediately after filling the gas tank with the recommended gasoline and oil mixture.

All Mercury Outboard Motors are powered by two-cycle gasoline driven engines.

* The horsepower rating of each particular Mercury Model is a continuous rating and not a flash rating.

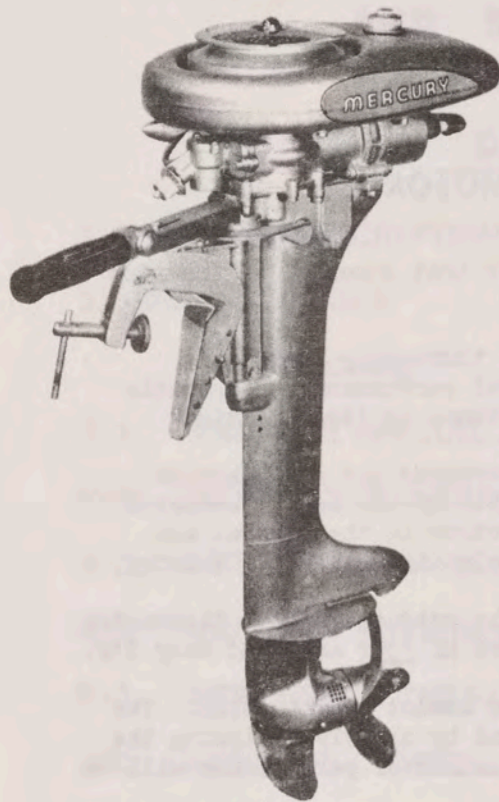
* Definition of Standard Horsepower—One horsepower equals power necessary to lift one pound 33,000 feet in one minute, which is the standard unit of power measurement used internationally for rating electric motors, diesel engines, steam engines, aircraft engines, Mercury Outboard Motors, and any other prime mover.

KIEKHAEFER CORP., CEDARBURG, WIS.

OUTBOARD *MERCURY* MOTORS

MERCURY *Special* SINGLE MODEL K-1

SPECIFICATIONS



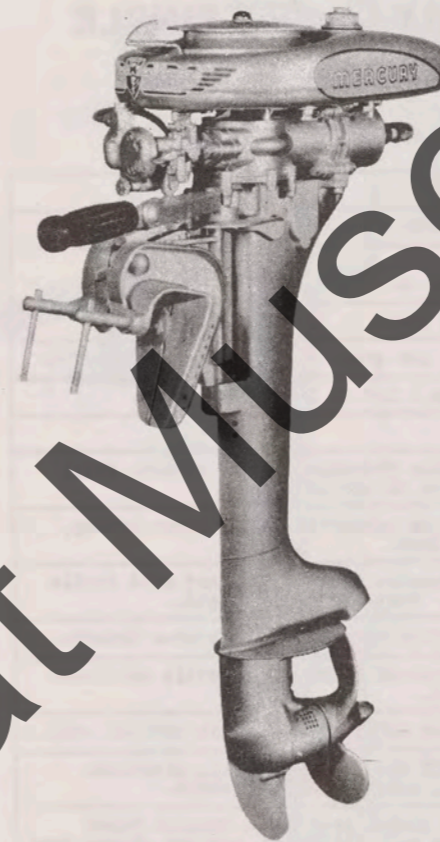
Weight	27 lbs.
Horsepower	2.5 at 3800 r.p.m.
Piston Displacement	5.5 cu. in.
Bore and Stroke	2" x 1 3/4".
Fuel Consumption	2 3/4 hrs. per gal.
Boat Speeds	Average 1 1/2 to 8 MPH.
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.
Carburetion	Check valve type.
Clamping Bracket	Single bracket 1/8" steel, rugged cadmium plated.
Connecting Rods	High tensile aluminum bronze insert.
Controls	Spark lever control.
Crankcase	Aluminum Alloy.
Crankshaft	Forged alloy steel, counterweighted, tough, unbreakable.
Cylinder	Chrome nickel grey iron, diamond bored uniform wall thickness, new wet sleeve type, renewable, all machined combustion chamber.
Drive Shaft	Splined Alloy Steel,

Drive Shaft Case	Extremely rugged permanent mold casting. Alrok treated. Hydrodynamic design.
Gas Tank	Steel for strength. 5 pint capacity.
Gear Case	Heavy duty construction. Aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft has triple sealed combination pressure, gland and labyrinth type.
Gear Ratio	12 to 22.
Gears	Cut steel, hardened, rustproof.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. New, fast action breaker. Will pass U. S. Navy tests as to water resistance and submersion.
Magneto Seal	Upper main bearing rawhide sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance. This is an exclusive Mercury feature.
Pistons	High compression, long skirt.
Rings	Pinned in place.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Water Jackets	Die cast, removable for cleaning.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.

OUTBOARD *MERCURY* MOTORS

MERCURY *Standard* SINGLE MODEL K-2

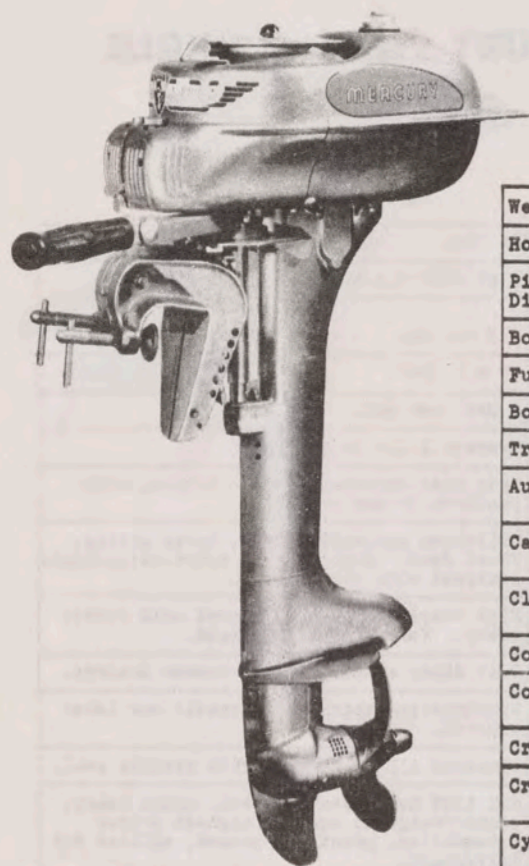
SPECIFICATIONS



Weight	28 lbs.
Horsepower	3 at 4250 r.p.m.
Piston Displacement	5.5 cu. in.
Bore and Stroke	2" x 1 3/4".
Fuel Consumption	3 hrs. per gal.
Boat Speeds	Average 1 1/4 to 10 MPH.
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.
Carburetion	Tillotson automotive type, lever acting, float feed. High and low speed adjustments equipped with choke lever.
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.
Connecting Rods	Cast alloy aluminum, with bronze inserts.
Controls	Synchronized spark and throttle one lever control.
Crankcase	Aluminum Alloy, rugged, with rawhide seal.
Crankshaft	SAE 1335 heat treated steel, extra heavy, counterweighted same as highest priced automobiles, precision ground, splined for driveshaft.

Cylinder	Chrome nickel grey iron, diamond bored uniform wall thickness, new wet sleeve type, all machined combustion chamber.
Drive Shaft and Housing	Splined Alloy Steel, ground to size drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Steel for strength. 5 pint capacity.
Gear Case	Heavy duty construction. Aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft has triple sealed combination pressure, gland and labyrinth type.
Gear Ratio	12 to 22.
Gears	Cut Alloy steel, hardened, ground faces and bores, rustproof.
Handle Carrying	Combination steering and carry handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. New, fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Pistons	High compression, long skirt, low deflector.
Propeller	Weedless yet highly efficient. 7 5/8" diam. x 6" pitch. Aluminum Alrok treated. Very strong with large blade area.
Rings	Pinned in place, surface treated.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Water Jackets	Die cast, aluminum. Alrok treated, corrosion resisting, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.

OUTBOARD *MERCURY* MOTORS



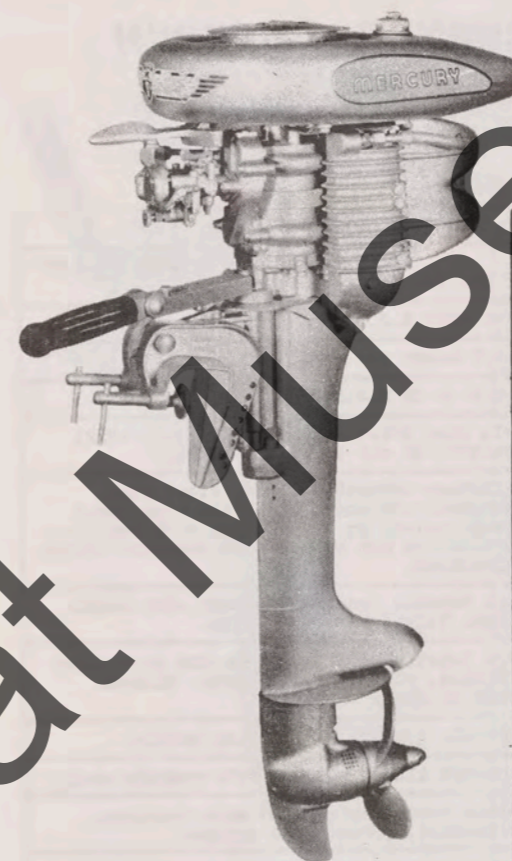
MERCURY *DeLuxe* SINGLE MODEL K-3

SPECIFICATIONS

Weight	31 lbs.
Horsepower	3 at 4250 r.p.m.
Piston Displacement	5.5 cu. in.
Bore and Stroke	2" x 1 3/4"
Fuel Consumption	3 hrs. per gal.
Boat Speeds	Average 1 1/4 to 10 MPH.
Transom Height	14".
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.
Carburetion	Tillotson automotive type, lever acting, float feed.
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.
Connecting Rods	Cast alloy aluminum, with bronze inserts.
Controls	Synchronized spark and throttle one lever control.
Crankcase	Aluminum Alloy, rugged, with rawhide seal.
Crankshaft	SAE 1335 Heat treated steel, precision ground, splined for driveshaft.
Cylinder	Chrome nickel grey iron, diamond bored uniform wall thickness, new wet sleeve type.

Drive Shaft and Housing	Splined Alloy Steel, ground to size drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Chrome plated steel. 5 pint capacity.
Gear Case	Heavy duty construction. Aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft has triple sealed combination pressure, gland and labyrinth type.
Gear Ratio	12 to 22.
Gears	Cut Alloy steel, hardened, ground faces and bores, rustproof.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. New, fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Pistons	High compression, long skirt, low deflector.
Propeller	Weedless yet highly efficient. 7 5/8" diam. x 6" pitch. Aluminum Alrok treated. Very strong with large blade area.
Rings	Pinned in place, surface treated.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Water Jackets	Die cast, aluminum. Alrok treated, corrosion resisting, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.
Vibration Dampener	Torsional impulse type, dissipating and insulating vibration from boat as well as from steering handle.

OUTBOARD *MERCURY* MOTORS



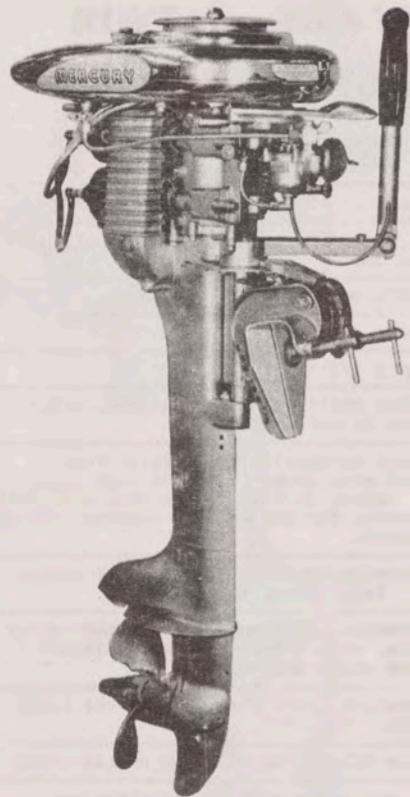
MERCURY *Alternate* TWIN MODEL K-4

SPECIFICATIONS

Weight	41 lbs.	Transom Height	14".
Piston Displacement	11. cu. in.	Bore and Stroke	2" x 1 3/4".
Horsepower	6 at 4250 r.p.m.		
Fuel Consumption	1 1/2 hrs. per gal.		
Boat Speeds	Average 1 1/2 to 18 MPH.		
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type, float feed. Equipped with choke lever and high speed needle valve, in combination with auxiliary carburetion for idling with separate idling adjustment.		
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.		
Connecting Rods	High tensile, high pressure die cast alloy aluminum, with bronze inserts. Diamond bored to close tolerance.		
Controls	Synchronized spark and throttle one lever control.		
Crankcase	Aluminum Alloy, rugged, with rawhide seal.		
Crankshaft	Double counterweights, 3 main bearings, carburized, ground, SAE splined.		
Cylinder	Chrome nickel grey iron, diamond bored. Uniform wall thickness, new wet sleeve type.		

Gear Ratio	14 to 19.
Drive Shaft and Housing	Splined Alloy Steel, ground to size drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Terne plate. 1 gallon capacity.
Gear Case	Heavy duty construction. Aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft has triple sealed combination pressure, gland and labyrinth type.
Gears	SAE 1314 Alloy Steel, hardened and ground faces and bores, rustproof.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. New, fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Pistons	High compression, Lo-ex Lynite extra rigid with heavy ribs. Long skirt, low deflector.
Propeller	Weedless yet highly efficient. 7 5/8" diam. x 7" pitch. Aluminum Alrok treated. Very strong with large blade area, balanced.
Rings	Pinned in place, surface treated.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Vibration Dampener	Torsional impulse type, dissipating and insulating vibration from boat as well as from steering handle.
Water Jackets	Die cast, aluminum. Alrok treated, corrosion resisting, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.

OUTBOARD *MERCURY* MOTORS



MERCURY *DeLuxe* TWIN MODEL K-5

SPECIFICATIONS

Weight	43 lbs.	Transom Height	14"
Piston Displacement	11 cu. in.	Bore and Stroke	2" x 1-3/4"
Horsepower	6 at 4250 R.P.M.		
Fuel Consumption	1-1/2 hours per gallon		
Boat Speeds	1-1/2 to 18 M.P.H.		
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type, float feed. Equipped with choke lever and high speed needle valve, in combination with auxiliary carburetion for idling with separate idling adjustment.		
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.		
Connecting Rods	High tensile, high pressure die cast alloy aluminum, with bronze inserts. Diamond bored to close tolerance.		
Controls	Throttle control on steering handle.		
Crankcase	Aluminum Alloy, rugged, with rawhide seal.		
Crankshaft	Double counterweights, 3 main bearings, carburized, ground, SAE splined.		
Cylinder	Chrome nickel grey iron, diamond bored. Uniform wall thickness, new wet sleeve type.		

Gear Ratio	14 to 19
Drive Shaft and Housing	Splined Alloy Steel, ground to size drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Chrome plated. 1 gallon capacity.
Gear Case	Heavy duty construction. Aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft has triple sealed combination pressure, gland and labyrinth type.
Gears	SAE 1314 Alloy Steel, hardened and ground faces and bores. Rust-proof.
Handle, Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. New fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Pistons	High compression, Lo-ex Lynite extra rigid, with heavy ribs. Long skirt.
Propeller	Weedless, yet highly efficient. 7-5/8" diam. x 7" pitch. Aluminum Alrok treated. Strong with large blade area. Balanced.
Rings	Pinned in place, surface treated.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Vibration Dampener	Torsional impulse type, dissipating and insulating vibration from boat as well as from steering handle.
Water Jackets	Die cast, aluminum. Alrok treated, corrosion resisting, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.

OUTBOARD *MERCURY* MOTORS



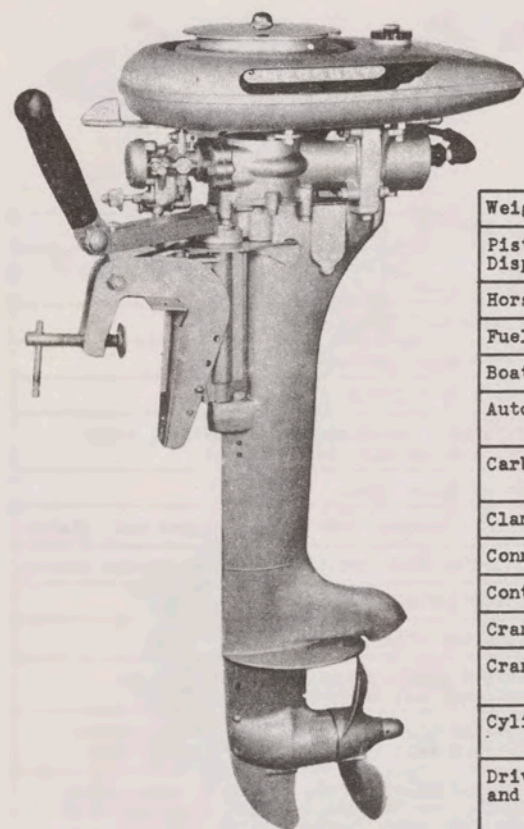
The Mercury "*Comet*" MODEL KB-1

SPECIFICATIONS

Weight	31 lbs.	Transom Height	14"
Piston Displacement	5.5 cu. in.	Bore and Stroke	2" x 1-3/4"
Horsepower	2.9 at 4000 R.P.M.		
Fuel Consumption	2-3/4 hours per gallon		
Boat Speeds	1-1/2 to 9 M.P.H.		
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.		
Carburetion	Check valve type.		
Clamping Bracket	Single bracket 1/8" steel, rugged cad. plated		
Connecting Rods	Improved high tensile aluminum. Bronze insert.		
Controls	Spark lever.		
Crankcase	Aluminum alloy.		
Crankshaft	Forged steel, counterweighted, tough, unbreakable, hardened and ground.		
Cylinder	Special mix cylinder iron, diamond bored, uniform wall thickness, wet sleeve type.		
Drive Shaft and Housing	Splined Alloy Steel, ground to size drive shaft. --- Extremely rugged permanent mold aluminum cast housing. Alrok treated. Hydrodynamic design.		

Gear Ratio	12 to 22	Gas Tank	Cast aluminum. 5 pint capacity.
Gear Case	Heavy duty construction, aluminum die cast. Alroked.		
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft triple sealed.		
Gears	Cut steel. Hardened. Rust-proof.		
Carrying Handle	Combination steering handle and carrying handle, balanced and convenient.		
Magneto	High tension, 20,000 volt flywheel type. New, fast breaker action. Will pass U.S. Navy tests as to water resistance and submersion.		
Magneto Seal	Upper main bearing neoprene sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance.		
Pistons	High compression, long skirt.		
Propeller	Weedless, yet highly efficient, 7-3/4" diam. x 7-1/4" pitch. Aluminum alrok treated, very strong with large blade area.		
Propeller Protection	Shear pin in propeller hub.		
Rings	Pinned in place		
Steering	King Pin type offset for easy steering, bronze bushed for durability.		
Vibration Dampener	Torsional impulse type, dissipating and insulating from boat as well as from steering handle.		
Starter	Rope starter.		
Water Jackets	Die cast, removable for cleaning.		
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.		

OUTBOARD MERCURY MOTORS



The Mercury "Comet" DeLuxe
MODEL KB-1A

SPECIFICATIONS

Weight	32 lbs.	Transom Height	14"
Piston Displacement	5.5 cu. in.	Bore and Stroke	2" x 1-3/4"
Horsepower	3.1 at 4000 R.P.M.		
Fuel Consumption	2-3/4 hours per gallon.		
Boat Speeds	1-1/4 to 10 M.P.H.		
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type, direct acting float feed. High and low speed adjustments.		
Clamping Bracket	Single steel 1/8" bracket, rugged cad. plated.		
Connecting Rods	Improved high tensile aluminum. Bronze insert.		
Controls	Synchronized spark and throttle one lever.		
Crankcase	Aluminum alloy.		
Crankshaft	Forged steel, counterweighted, tough, unbreakable, hardened and ground.		
Cylinder	Special mix cylinder iron, diamond bored, uniform wall thickness, wet sleeve type.		
Drive Shaft and Housing	Splined Alloy Steel, ground to size drive shaft. --- Extremely rugged permanent mold aluminum cast housing. Alrok treated. Hydrodynamic design.		

Gear Ratio	12 to 22	Gas Tank	Cast Aluminum. 5 pint capacity.
Gear Case	Heavy duty construction, aluminum die cast. Alroked.		
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft triple sealed.		
Gears	Cut steel. Hardened. Rust-proof.		
Carrying Handle	Combination steering handle and carrying handle, balanced and convenient.		
Magneto	High tension, 20,000 volt flywheel type. New fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.		
Magneto Seal	Upper main bearing neoprene sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance.		
Pistons	High compression, long skirt.		
Propeller	Weedless, yet highly efficient, 7-3/4" diam. x 7-1/4" pitch. Aluminum alrok treated, very strong with large blade area.		
Propeller Protection	Shear pin in propeller hub.		
Rings	Pinned in place.		
Steering	King Pin type offset for easy steering, bronze bushed for durability.		
Starter	Rope starter.		
Vibration Damper	Torsional impulse type, dissipating and insulating from boat as well as from steering handle.		
Water Jackets	Die cast, removable for cleaning.		
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.		

OUTBOARD MERCURY MOTORS



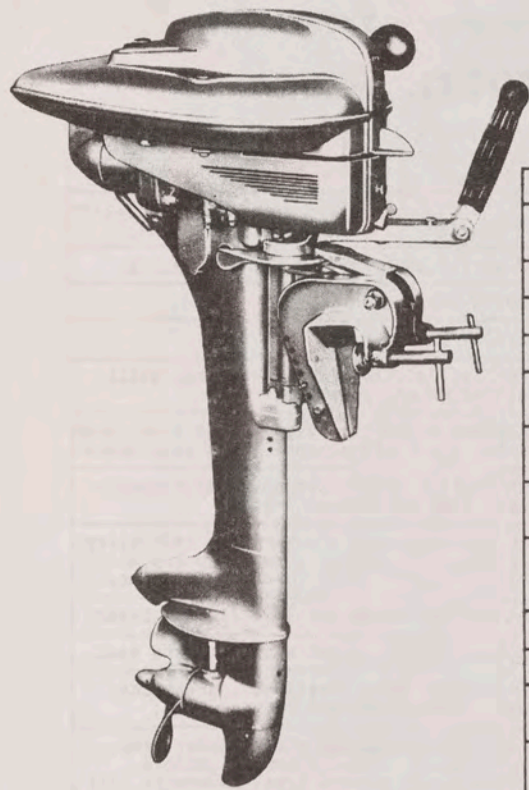
The Mercury "Streamliner"
MODEL KB-2

SPECIFICATIONS

Weight	32 lbs.	Transom Height	14"
Piston Displacement	5.5 cu. in.	Bore and Stroke	2" x 1-3/4"
Horsepower	3.2 certified brake H.P. at 4000 R.P.M.		
Fuel Consumption	3 hours per gallon		
Boat Speeds	1-1/4 to 11 M.P.H.		
Auto Pilot	Twin Disc Friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type, float feed. High and low speed adjustments. Push pull choke.		
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.		
Connecting Rods	High tensile, high pressure die cast alloy aluminum, with bronze inserts on top and bottom. Diamond bored to close tolerance.		
Controls	Synchronized spark and throttle one lever.		
Crankcase	Aluminum alloy, rugged with neoprene seal.		
Crankshaft	Extra heavy, counterweighted, precision ground. Carburized and rust-proofed.		
Cylinder	Chrome nickel special mix cylinder iron, close grained, diamond bored, uniform thickness, wet sleeve type. Renewable, all machined combustion chamber. Improved cooling and porting, all machined mirror glazed finish.		

Gear Ratio	12 to 22
Drive Shaft and Housing	Splined alloy steel, ground to size drive shaft. Rugged permanent mold aluminum cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Terneplate steel. 5 pint capacity.
Gear Case	Heavy duty construction, aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft triple sealed.
Gears	Cut alloy steel, hardened, ground faces and bores, rust-proof.
Carrying Handle	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. New fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Magneto Seal	Upper main bearing neoprene sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance.
Pistons and Piston Rings	High compression, long skirt, low deflector piston. 3 Rings. Pinned in place, surface treated.
Propeller and Propeller Protection	Weedless, yet highly efficient, 7-3/4" diam. x 7-1/4" pitch. Aluminum alrok treated, very strong with large blade area. Shear pin in propeller hub.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Starter	Rope starter.
Vibration Damper	Torsional impulse type, dissipating and insulating from boat as well as from steering handle.
Water Jackets	Die cast, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.

OUTBOARD MERCURY MOTORS



The Mercury "Torpedo"

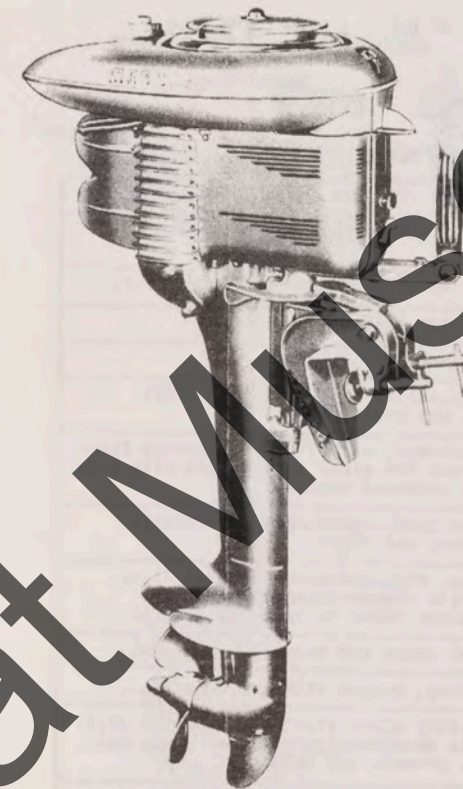
MODEL KB-3

SPECIFICATIONS

Weight	36 lbs.	Transom Height	14"
Piston Displacement	5.5 cu. in.	Bore and Stroke	2" x 1 3/4"
Horsepower	3.2 at 4000 R.P.M.		
Fuel Consumption	3 hours per gal.		
Boat Speeds	1 1/4 to 11 M.P.H.		
Auto Pilot	Twin disc friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type. Push pull choke. Float feed. High and low speed adjustments.		
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.		
Connecting Rods	High tensile, high pressure die cast alloy aluminum with bronze inserts. Diamond bored to close tolerance.		
Controls	Synchronized spark and throttle one lever.		
Crankcase	Aluminum alloy, rugged, with neoprene seal.		
Crankshaft	Extra heavy, counterweighted, precision ground. Carburized and balanced.		
Cylinder	Chrome nickel special mix cylinder iron, close grained, diamond bored, uniform wall thickness, wet sleeve type. Renewable, all machined combustion chamber. Improved cooling and porting, all machined mirror finish.		

Gear Ratio	12 to 22.
Drive Shaft and Housing	Splined alloy steel, ground to size, drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Cast aluminum. 5 pint capacity.
Gear Case	Heavy duty construction, aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft triple sealed.
Gears	Cut alloy steel, hardened, ground faces and bores, rust-proof.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. Newly balanced circuits. New, fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Magneto Seal	Upper main bearing neoprene sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance.
Pistons	High compression, long skirt, low deflector.
Propeller and Propeller Protection	Weedless, yet highly efficient propeller, 7 5/8" diam. x 7 1/4" pitch. Aluminum alrok treated, very strong with large blade area. Twin flex propeller clutch.
Starting	Magnapull starter.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Vibration Dampener	Torsional impulse type, dissipating and insulating from boat as well as from steering handle.
Water Jackets	Die cast, aluminum alrok treated, corrosion resistant, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside of grease chamber.

OUTBOARD MERCURY MOTORS



The Mercury "Rocket"

MODEL KB-4

SPECIFICATIONS

Weight	42 lbs.	Transom Height	14"
Piston Displacement	11 cu. in.	Bore and Stroke	2" x 1 3/4"
Horsepower	5.8 at 4000 R.P.M.		
Fuel Consumption	1 1/2 hours per gal.		
Boat Speeds	1 1/2 to 18 M.P.H.		
Auto Pilot	Twin disc friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type. Push pull choke. High and low speed adjustments. Float feed. Compound venturi.		
Clamping Bracket	High tensile Lynite permanent mold double clamp. Very strong and rigid.		
Connecting Rods	High tensile, high pressure die cast alloy aluminum with bronze inserts. Diamond bored to close tolerance.		
Controls	Synchronized spark and throttle one lever.		
Crankcase	Aluminum alloy, rugged with neoprene seal.		
Crankshaft	Highest quality alloy steel, forged with full sized double counterweights, 3 main bearings, carburized, ground, and balanced.		
Cylinder	Chrome nickel alloy, grey iron, diamond bored. Uniform wall thickness, wet sleeve type. Renewable all machined combustion chamber. Drilled parts.		

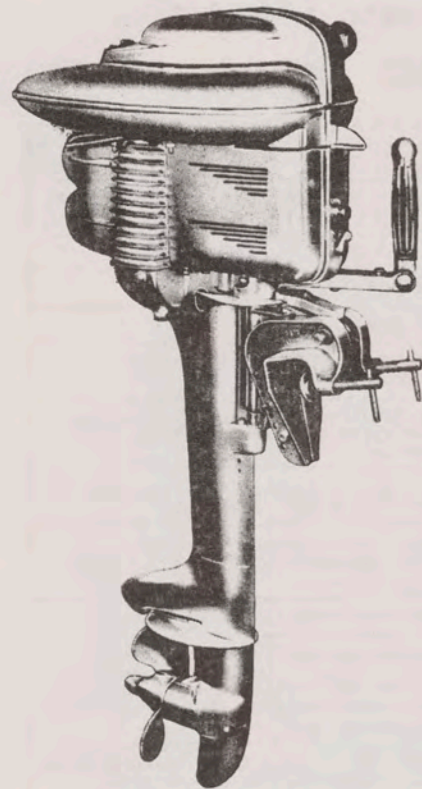
Gear Ratio	14 to 19.
Drive Shaft and Housing	Splined alloy steel, ground to size drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Cast aluminum. 1 gallon capacity.
Gear Case	Heavy duty construction, aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft triple sealed.
Gears	S.A.E. 1314 alloy steel, hardened and ground faces and bores, rust-proof.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. Newly balanced circuits. New, fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Magneto Seal	Upper main bearing neoprene sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance.
Pistons	High compression, long skirt, low deflector.
Propeller and Propeller Protection	Weedless, yet highly efficient propeller, 7 5/8" diam. x 7 1/4" pitch. Aluminum alrok treated, very strong with large blade area. Twin flex propeller clutch plus shear pin in propeller hub.
Starting	Rope Starter.
Steering	King Pin type offset for easy steering, bronze bushed for durability.
Vibration Dampener	Torsional impulse type, dissipating and insulating from boat as well as from steering handle.
Water Jackets	Die cast, aluminum alrok treated, corrosion resistant, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside grease chamber.

OUTBOARD MERCURY MOTORS

The Mercury "Rocket" DeLuxe

MODEL KB-5

SPECIFICATIONS



Weight	46 lbs.	Transom Height	14".
Piston Displacement	11 cu. in.	Bore and Stroke	2" x 1 3/4".
Horsepower	6 Certified brake horsepower at 4000 R.P.M.		
Fuel Consumption	1 1/2 hours per gal.		
Boat Speeds	1 1/2 to 18 M.P.H.		
Auto Pilot	Twin disc friction, velvet action, still positive in any position.		
Carburetion	Tillotson automotive type, direct acting float feed. High and low speed adjustments with push pull choke, compound venturi.		
Clamping Bracket	High tensile Lynite permanent mold double clamp. Strong and rigid.		
Connecting Rods	High tensile, high pressure die cast alloy aluminum, with bronze inserts on top and bottom. Diamond bored to close tolerance.		
Controls	Synchronized spark and throttle one lever.		
Crankcase	Aluminum alloy, rugged with neoprene seal.		
Crankshaft	Highest quality alloy steel, forged with full sized double counterweights. 3 main bearings, carburized, ground, and balanced.		
Cylinder	Chrome nickel alloy, grey iron, diamond bored. Uniform wall thickness, wet sleeve type. Renewable, all machined combustion chamber. Drilled parts.		

Gear Ratio	14 to 19.
Drive Shaft and Housing	Splined alloy steel, ground to size drive shaft. Extremely rugged permanent mold cast housing. Alrok treated. Hydrodynamic design.
Gas Tank	Cast Aluminum. 1 gallon capacity.
Gear Case	Heavy duty construction, aluminum die cast. Alroked.
Gear Case Seal	Triple sealed cork on drive shaft. Propeller shaft triple sealed.
Gears	S.A.E. 1314 alloy steel, hardened and ground faces and bores. Rust-proof.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	High tension, 20,000 volt flywheel type. Newly balanced circuits. New, fast action breaker. Will pass U.S. Navy tests as to water resistance and submersion.
Magneto Seal	Upper main bearing neoprene sealed to protect breaker points from oil seepage. This insures permanent quick starting and better performance.
Pistons	High compression, long skirt, low deflector.
Propeller and Propeller Protection	Weedless, yet highly efficient, 7 3/4" diam x 7 1/2" pitch. Aluminum alrok treated, very strong with large blade area. Twin flex propeller clutch plus shear pin in propeller hub.
Starting	Magnapull starter.
Steering	King Pin type offset for easy steering. Bronze bushed for durability.
Vibration Damper	Torsional impulse type, dissipating and insulating from boat as well as from steering handle.
Water Jackets	Die cast, aluminum alrok treated, corrosion resistant, removable for cleaning of salt water accumulations.
Water Pump	Valveless, springless, positive acting Rotex Pump located outside grease chamber.

OUTBOARD MERCURY MOTORS

The Mercury "Comet"

MODEL KD-3

SPECIFICATIONS



Type	Single cylinder, two stroke, two port high mechanical efficiency, lifetime powerhead.		
Piston Displacement	5.5 cu. in.	Bore and Stroke	2" x 1-3/4"
Horsepower	3.2 H.P. continuous rating, not a flash rating.		
Fuel Tank	Cast aluminum, permanently bonded. Dent proof leak proof, rust proof. Permanent and reliable; no soldered fittings or connections.		
Boat Speeds	1/4 to 10 M.P.H. Most flexible control.		
Auto Pilot	Twin disc friction. Velvet action, yet firm in any position.		
Carburetion	Tillotson automotive type, push pull choke, float feed. High and low speed adjustments.		
Clamping Bracket	High tensile aluminum permanent mold casting for strength and rigidity. Double clamps.		
Connecting Rods	Light weight forged chrome-nickel-moly steel, hardened, precision ground bores and faces. Full complement of needle-type bearing rollers on crankpin ends. Cartridge-type needle roller bearings on wrist pin ends.		
Controls	One lever, synchronized spark and throttle.		
Crankcase	Cast aluminum alloy, light but rugged. Neoprene sealed.		
Crankshaft	High quality alloy steel forging with integral counterweights. Precision ground bearing surface and faces, hardened.		

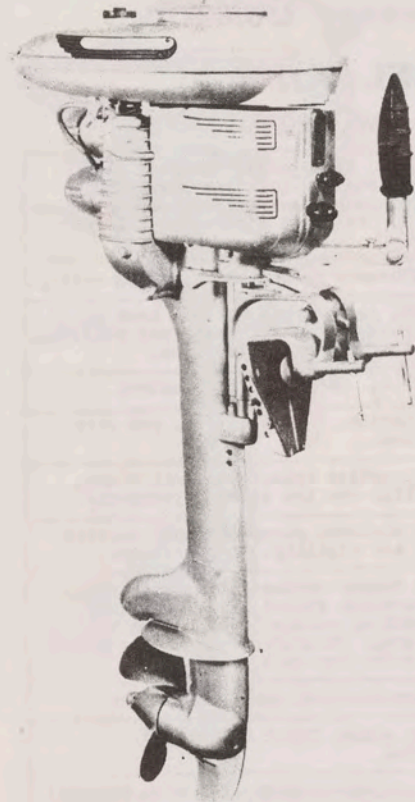
Main Bearings	Full complement needle roller bearings for maximum loads with minimum friction.
Cylinders	Fine-grain alloy grey iron. Precision bored and honed to very close tolerances. Wet sleeve type; uniform wall thickness. Renewable cylinder.
Drive Shaft Housing	Streamline one-piece "sword-blade" design, originated by Kiekhaefer. Permanent mold aluminum casting for high strength. Treated to resist corrosion.
Drive Unit	Aluminum alloy housing of rugged design. Hardened and ground steel alloy gears, precision generated on special new production equipment. Rugged and durable.
Fuel Tank	Cast aluminum, permanently bonded. Dent proof, leak proof, rust proof. Permanent and reliable, no soldered fittings or connections.
Carrying Handle	Combination steering and carrying handle, balanced and convenient.
Magneto	Super high tension, flywheel type. Improved fast breaker action.
Pistons	3 ring aluminum alloy. Long Skirt
Piston Rings	Pinned-gap type. Anti-score surface treatment.
Propeller and Propeller Protection	Weedless, high efficiency propeller. Duo-flex propeller clutch plus shear pin in hub.
Safety Steering	Offset, caster type, for easy steering. Will not whip or over control. Reduced steering stress on clamping bracket stern.
Vibration Damper	Double compression spring type. Steering handle and boat insulated against vibration and torsional reaction.
Water Jackets	Die-cast aluminum. Treated to resist corrosion. Removable for cleaning.
Water Pump	Valveless, springless positive acting rubber Rotex. Non-clogging.

OUTBOARD MERCURY MOTORS

The Mercury "Rocket"

MODEL KD-4

SPECIFICATIONS



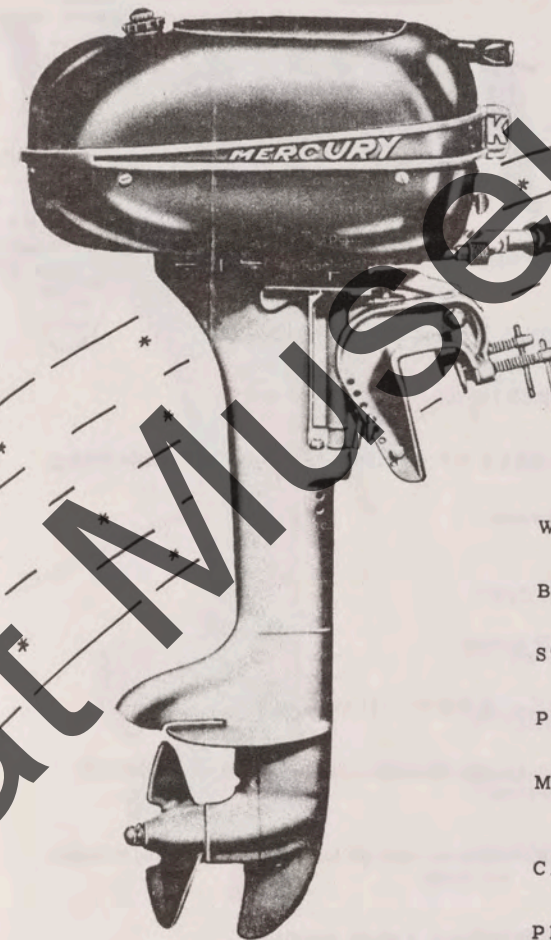
Type	2 cylinder, alternate firing, two stroke, two port, high mechanical efficiency, lifetime powerhead.		
Piston Displacement	11 cu. in.	Bore and Stroke	2" x 1 3/4".
Horsepower	6 h.p. continuous rating, not a flash rating.		
Fuel Consumption	1 1/2 hours per gallon.		
Boat Speeds	1/4 to 20 M.P.H. Most flexible control.		
Auto Pilot	Twin disc friction. Velvet action, yet firm in any position.		
Carburetion	Tillotson automotive type, direct acting float feed. High and low speed adjustments, dual carburetion, push pull choke.		
Clamping Bracket	High tensile aluminum permanent mold casting for strength and rigidity. Double clamps.		
Connecting Rods	Light weight forged chrome-nickel-moly steel, hardened, and precision-ground bores and faces. Full complement of needle-type bearing rollers on crankpin ends. Cartridge-type needle roller bearing on wrist pin ends.		
Controls	One lever, synchronized spark and throttle.		
Crankcase	Cast aluminum alloy, light but rugged, neoprene sealed.		
Crankshaft	High quality alloy steel forging with integral counterweights. Three main bearings; precision ground bearing surface and faces, hardened.		

Main Bearings	Full complement needle roller bearings for maximum loads with minimum friction.
Cylinders	Fine-grain alloy, grey iron; precision bored and honed to very close tolerances.
Drive shaft Housing	Streamline one-piece "sword-blade" design, originated by Kiekhaefer. Permanent mold aluminum casting for high strength. Treated to resist corrosion.
Drive Unit	Aluminum alloy housing of rugged design. Hardened and ground alloy steel gears, precision generated on special new production equipment. Rugged and durable.
Fuel Tank	Cast aluminum, permanently bonded. Dent proof, leak proof, rust proof. Permanent and reliable, no soldered fittings or connections.
Handle Carrying	Combination steering and carrying handle, balanced and convenient.
Magneto	Super high tension, flywheel type. Permanent super magnets. Improved fast breaker action.
Pistons	3 ring aluminum alloy. Long skirt.
Piston Rings	Pinned gap type. Anti-score surface treatment.
Propeller and Propeller Protection	Weedless, high efficiency propeller. Duo-flex propeller clutch plus shear pin in hub.
Safety Steering	Offset, caster type, for easy steering. Will not whip or over control. Reduced steering stress on clamping bracket and stern.
Vibration Damper	Double compression spring type. Steering handle and boat insulated against vibration and torsional reaction.
Water Jackets	Die cast aluminum. Treated to resist corrosion. Removable for cleaning.
Water Pump	Valveless, springless, positive acting rubber Rotex. Non-clogging.

KIEKHAEFER CORPORATION, CEDARBURG, WISCONSIN

14

FULL-JEWELLED POWERHEAD



COMET



MODEL NUMBER -- KE3 De Luxe.

HORSEPOWER -- 3.6 at 4000 R.P.M.

NUMBER OF CYLINDERS -- One.

WEIGHT -- 36 POUNDS.

BORE -- 2 Inches.

STROKE -- 1 3/4 inches.

PISTON DISPLACEMENT -- 5 1/2-cubic inches.

MAGNETO -- Kiekhaefer-Scintilla-fully waterproof-a Mercury feature.

CARBURETOR -- Tillotson.

PROPELLER -- 7 1/2 inch diameter, 2 blade, weedless.

CONNECTING ROD -- Forged steel. . .chrome nickel moly. . .hardened. . .precision ground faces and bores. . .full complement roller bearings on crankpin end---and on wrist pin end.

CRANKSHAFT MAIN BEARING -- Full complement roller bearings for maximum loads with minimum friction.

WATER PUMP -- Valveless, springless positive acting rubber Rotex. . .non-clogging, even in extreme conditions of silt, sand and marine growth. All-speed efficiency . . .self-adjusting.

CRANKSHAFT -- Alloy steel, drop forged with integral counterweights.....Precision ground bearing surface and faces, hardened.

FUEL CAPACITY -- min. 5 qts. (Approx.)

MAGNA-PUL STARTER -- Magnetically actuated forged pawls. . .automatic rewind.

SAFETY STEERING -- "Full feathered" caster type for easy steering. Will not whip or over-control. Reduced stress on clamping bracket and stern.

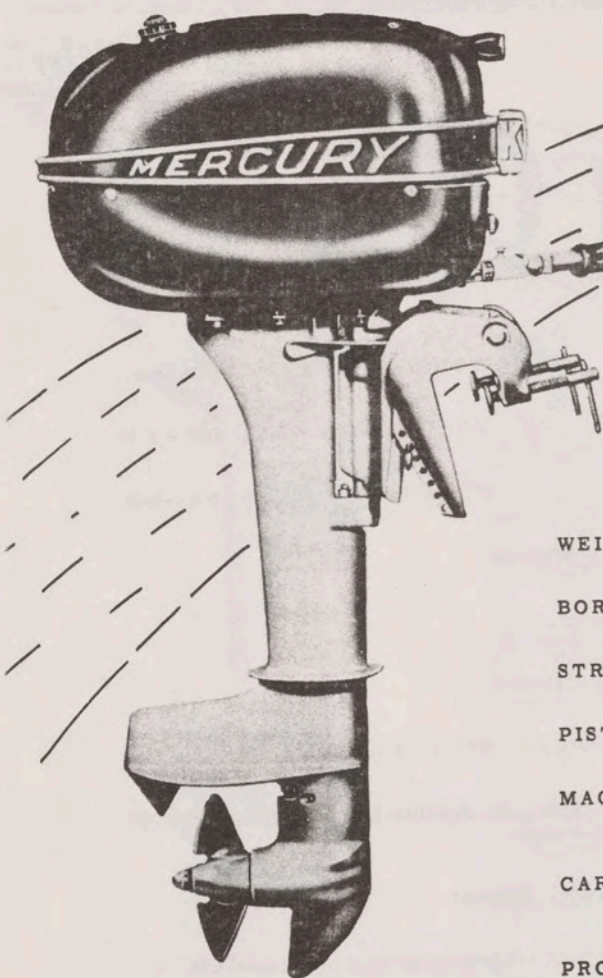
CO-PILOT -- Multiple disc friction---velvet action, yet firm in any position for smooth sure, "set course" operation.

PROPELLER PROTECTION -- Duo-flex propeller clutch. . .positive drive with complete propeller protection.

FUEL CONSUMPTION -- 2 1/2 hours per gallon.

BOAT SPEEDS -- 1/2 to 10 miles per hour. . .ideal for livery boats, light craft and canoes . . .women and children can operate it with ease.

FULL-JEWELLED POWER THROUGHOUT



ROCKET



MODEL NUMBER--KE4 De Luxe.

HORSEPOWER--7.5 at 4000 R.P.M.

NUMBER OF CYLINDERS--Two, Alternate Firing,

WEIGHT--54 Pounds.

BORE--2 inches.

STROKE--1 3/4 inches.

PISTON DISPLACEMENT--11 cubic inches.

MAGNETO--Kiekhaefer-Scintilla--fully waterproof--a Mercury feature.

CARBURETOR--Tillotson dual jet for balanced metering throughout range.

PROPELLER--7 1/2 inch, 2 blade, weedless.

CONNECTING RODS--Forged steel. . .chrome nickel moly. . .hardened. . .precision ground faces and bores. . .full complement roller bearings on crankpin end--cartridge type roller bearings on wrist pin end.

CRANKSHAFT MAIN BEARING--Full complement roller bearings for maximum loads with minimum friction.

DRIVE SHAFT--Anti-friction bearings. . .bearing surfaces ground and hardened surfaces.

PROPELLER SHAFT--Full anti-friction bearings with ground and hardened surfaces.

CRANKSHAFT--Alloy steel. . .drop forged with integral counterweights. Precision ground bearing surfaces and faces, hardened.

FUEL CAPACITY--1 1/2 gal. (Approx.)

MAGNA-PUL STARTER--Magnetically actuated forged pawls. . .automatic rewind.

SAFETY STEERING--"Full Feathered" caster type for easy steering. . .will not whip or over-control. . .Reduced stress on clamping bracket and stern.

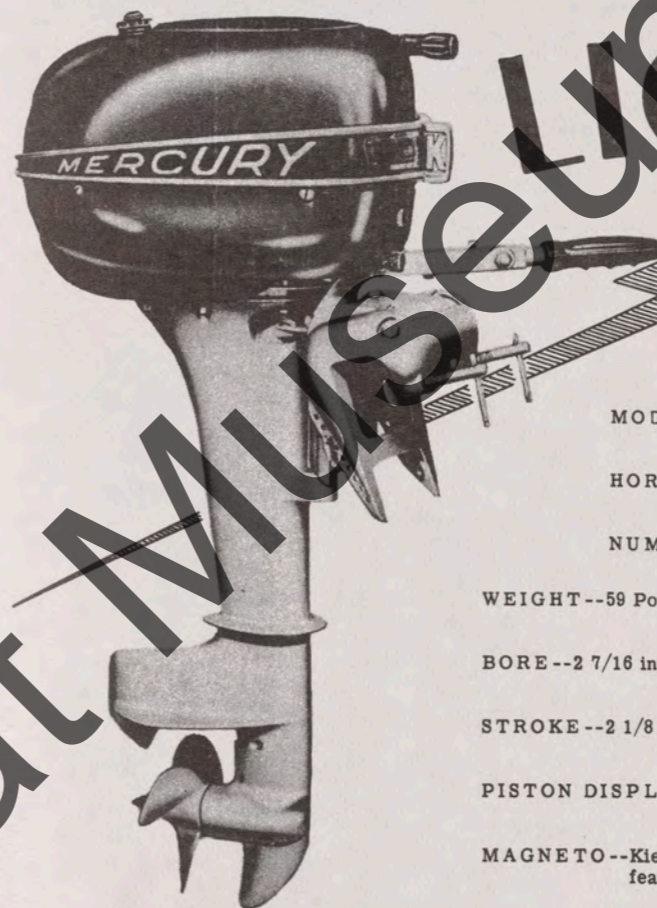
CO-PILOT--Multiple disc friction--velvet action, yet firm in any position for smooth, sure, "set course" operation.

PROPELLER PROTECTION--Duo-flex propeller clutch. . .positive drive with complete propeller protection.

FUEL CONSUMPTION--1 1/2 hours per gallon.

BOAT SPEEDS--Slowest necessary trolling speeds to 18 miles per hour. The all-purpose outboard. . .planes light runabouts. . .easily handled by women and children.

FULL-JEWELLED POWER THROUGHOUT



LIGHTNING

MODEL NUMBER--KE7 De Luxe

HORSEPOWER--10 at 4000 R.P.M.

NUMBER OF CYLINDERS--Two, Alternate Firing.

WEIGHT--59 Pounds.

BORE--2 7/16 inches.

STROKE--2 1/8 inches.

PISTON DISPLACEMENT--19.8 cubic inches.

MAGNETO--Kiekhaefer-Scintilla--fully waterproof--a Mercury feature.

CARBURETOR--Tillotson dual jet for balanced metering throughout range.

PROPELLER--7 1/2 inch diameter, 3 blade, high efficiency.

CONNECTING RODS--Forged steel. . .chrome nickel moly. . .hardened. . .precision ground faces and bores. . .full complement roller bearings on crankpin end. . .cartridge type roller bearings on wrist pin end.

CRANKSHAFT MAIN BEARING--Full complement ball and roller bearings for maximum loads with minimum friction.

DRIVE SHAFT--Anti-friction bearings. . .bearing surfaces ground and hardened.

PROPELLER SHAFT--Full anti-friction bearings with ground and hardened surfaces.

CRANKSHAFT--Alloy steel. . .drop forged with integral counterweights. Precision ground bearing surfaces and faces, hardened.

FUEL CAPACITY--Approximately 2 gallons.

MAGNA-PUL STARTER--Magnetically actuated forged pawls. . .automatic rewind.

SAFETY STEERING--"Full Feathered" caster type for easy steering. . .will not whip or over-control. . .Reduced stress on clamping bracket and stern.

CO-PILOT--Multiple disc friction--velvet action, yet firm in any position for smooth, sure, "set course" operation.

BOAT SPEEDS--Extreme range of performance from trolling to racing speeds. Light enough for fishermen, rugged enough for commercial applications. Sets a new standard of horsepower-weight ratio with an increased standard of ruggedness.

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