BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
52.8 mph/6238 rpm

Acceleration
0 - 20 mph (seconds)
4.92

Acceleration
0 - 30 mph (seconds)
7.92



Test Date	Boat Weight as Tested (lb)	Air Temperature (˚F)	Sea State	Wind Velocity Range (mph)	Fresh/Salt Water
August 29, 2023	32,200	70	Calm	5	Saltwater

ENGINE

Number of Engines	2
Engine	Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.5
Engine Height (in)	3.2, 3.2
Engine Setback (in)	17.1, 17.1
Engine Length (in)	25, 25

PROPELLER

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	26, 26
Number of Blades	4/3

BOAT

Boat Brand	Backcove
Boat Model	390
Boat Type	Cruiser/Walkaround
Boat Material	Fiberglass
Length (ft)	39.1
Beam (ft)	13.4
Fuel Tank Capacity (gal)	500
Steering Type	Joystick
Dry Boat Weight (lbs)	26,500

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	2.9	2.8	1	511
1000	4.5	4.1	1.1	548
1500	7.5	6.3	1.2	598
2000	9.7	10.5	0.9	463
2500	11.6	15.2	0.8	382
3000	20.7	27.5	0.8	378
3500	27.3	35.1	0.8	389
4000	33	41.9	0.8	394
4500	38.6	53.3	0.7	362
5000	43.5	62	0.7	351
5500	48.3	85.9	0.6	281
6000	51.9	100.5	0.5	258
6238	52.8	110.2	0.4	225

