

TABLE 183.75 - WEIGHTS (IN POUNDS) OF GASOLINE OUTBOARD ENGINES AND RELATED EQUIPMENT FOR VARIOUS RATED POWER (HORSEPOWER) RANGES

SINGLE ENGINE INSTALLATIONS								
Column Number								
1	2	3	4	5	6	7	8	9
Engine Power Range (Horsepower)	Dry Weight <sup>1,2</sup>	Running Weight <sup>3</sup>	Swamped Weight <sup>4</sup>	Controls & Rigging <sup>5</sup>	Battery Weight, Dry	Battery Weight Submerged	Full Portable Fuel Tank <sup>6</sup>	Total Weight (Sum of Columns 3,5,6,8)
0.1 - 2.0	30	32	27	0	0	0	0	32
2.1 - 3.9	42	44	37	0	0	0	0	44
4.0 - 6.9	66	69	59	0	0	0	25	94
7.0 - 10.9	105	110	94	5	20	11	50	185
11.0 - 22.9	127	133	113	6	45	25	50	234
23.0 - 34.9	187	196	167	9	45	25	100	350
35.0 - 64.9	286	300	255	14	45	25	100	459
65.0 - 94.9	439	461	392	22	45	25	100	628
95.0 - 104.9	458	481	409	23	45	25	100	649
105.0 - 144.9	526	552	469	26	45	25	100	723
145.0 - 194.9	561	589	501	28	45	25	100	762
195.0 - 209.9	652	685	582	33	45	25	100	863
210.0 - 300.0	699	734	624	35	45	25	100	914
300.1 - 350.0	884	928	789	44	45	25	100	1117

Notes:

<sup>1</sup> Dry weight is the manufacturer's published weight for the shortest midsection increased by 10 percent to account for longer midsections and additional required hardware usually not included in published weights. This weight is intended to represent the heaviest model in each power category. For boats designed with a transom height of 20 inches or less, the weight in Column 2 may be reduced by 10 percent. Recalculate Columns 3, 4, and 9 as appropriate.

<sup>2</sup> For diesel outboards, replace the value in Column 2 with the manufacturer's published dry weight + 10 percent.

<sup>3</sup> Running weight is the dry weight plus fluids (including 2-stroke oil) and the heaviest recommended propeller. Calculated as 5 percent of dry weight.

<sup>4</sup> Swamped weight is 85 percent of running weight.

<sup>5</sup> Rigging and controls include engine related hardware required to complete the installation (e.g., controls, cables, hydraulic hoses, steering pumps and cylinders). Calculated as 5 percent of dry weight.

<sup>6</sup> If the boat is equipped with a permanent fuel system and is not intended to use a portable tank, the portable fuel tank weight may be omitted.

