

# MICHIGAN MACHINED-PITCH PROPELLERS

ASSURE GREATER SPEED

-BETTER PERFORMANCE IN

**OUTBOARD RACING** 

AND PLEASURE

OATING





OUTBOARD CATALOG

MICHIGAN WHEEL COMPAN'

GRAND RAPIDS 3, MICHIGAN

JAN. 1, 1956

PAGES 19 THRU 24
WATER SKIS - LIFE JACKETS

HARDWARE AND ACCESSORIES



# CONTINUOUS TESTING TO INSURE MAXIMUM PERFORMANCE UNDER ALL CONDITIONS

When you buy a Michigan propeller, you may be sure that you are getting a wheel which is not simply built on some theoretical hopes of giving you more speed and better performance, but a propeller which has proven its ability for top performance under the most exacting tests devised.

Michigan Wheel Company maintains an outdoor testing laboratory on Grand River, just a short distance from the

At Michigan's Outdoor Testing Laboratory where a fleet of boats and models of all modern motors are used, test engineers run an average of 150 miles every day. Data thus obtained insures the outstanding performance of all Michigan wheels.

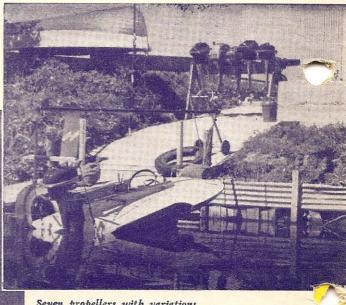
factory, where newly developed propellers are tested and matched to individual motors under various boat and load conditions. The laboratory contains complete engineer's testing and proving facilities, including a fleet of boats, and all the popular makes of outboard motors. A winter testing ground in the South is used during the winter months.

Here every make and model of outboard motor is matched with the propeller which will give it maximum efficiency under actual running conditions. These conditions include variations of boat size, design, and load.

Each testing engineer runs an average of 150 miles a day, the year around. Results are measured with precision accuracy by the finest scientific instruments.

Testing is considered complete only when decidedly superior results have been obtained and both the engineering and field staffs are thoroughly satisfied that maximum performance has been reached. This often means very long, exhaustive testing periods, as much as six weeks for a single propeller.

The recommendations contained in the Propeller Selector Charts on the following pages are founded on the soundest possible basis and can be relied on to give you the ultimate in performance. To insure getting the best possible results, be sure to read the seven check points pertaining to your boat and motor.

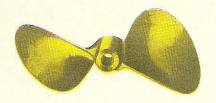


Seven propellers with variations so slight the average layman would be unable to detect them. All will be tested to determine the one that gives maximum effectiveness for the given motor, bull and load.



# "AQUA-JET"

Iichigan AQUA-JET propellers are deluxe twoblade wheels, designed to produce highest speeds in both pleasure and racing craft. A wide selection of sizes enable boat owners to precisely match propeller to motor and meet individual boat and load requirements.



# A TREMENDOUSLY SUCCESSFUL WHEEL FOR STOCK BOAT RACING

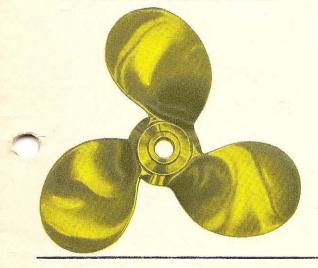
AQUA-JET propellers are made of both durable aluminum-magnesium and Michalloy hi-strength bronze. With racing edges and perfect balance, Michigan AQUA-JETS are finished with a lustrous polished surface.

For gear shift motors, Michigan AQUA-JET propellers are equipped with shock absorber Cushion-Hubs which give protection to gear shift mechanism and reduce shearing of pins.

Propeller sizes shown on the following pages are scientifically determined to assure correct and safe RPM ranges.

Precision fit, workmanship, and materials of Michigan propellers are thoroughly guaranteed. There is no guarantee provision against blade fracture, however, because of the conditions to which these specialized racing wheels are subjected. AQUA-JET propellers are available for medium and larger models of all well known motors. The AQUA-JET'S great popularity testifies to its proven abilities as a truly fast speed wheel.

# "AQUA-MASTER"



# IDEAL PROPELLER FOR THE LARGER MOTORS IN USE ON THE AVERAGE RUNABOUT, UTILITY OR FAMILY BOAT!

A few years ago Michigan introduced the Outboard version of our highly popular inboard "AQUA-MASTER." It immediately became recognized as the most sensationally performing propeller ever offered for general service motors. In the following pages many new "AQUA-MASTERS" will now be found listed, and the range has been expanded to include motors down to the 5 h.p. jobs of some makes. Any owner of a motor of this size using a well designed runabout or utility certainly owes it to himself to own one of these propellers. It will provide better boat speeds, smoother performance and more flexible operation under varying load conditions. Furthermore the "AQUA-MASTER" is more sturdy in design and construction. It tends to deflect or ward off drift and debris with less damage to blades than would be suffered by the conventional propeller. Its usual shorter diameter and greater blade width permits its use closer to the surface, a real advantage as explained under "7 Check Points" (page 5).

## CUSHION-HUB PROPELLERS for MOTORS with GEAR SHIFTS

# Greatly reduce or eliminate pin shearing in all shifting motors

In 1951 Michigan successfully introduced its new Cushion-Hub propellers in certain Aqua-Master wheels for use with gear shift motors. The response to this great propeller improvement was so enthusiastic that now all Michigan propellers for gear shift motors have Cushion-Hubs, which greatly reduce pin shearing. Leading motor manufacturers and boat

owners alike have experienced great satisfaction from these propellers and readily endorse them.

In the pages following, wherever "C" occurs in the part number it indicates a Cushion-Hub style propeller for Aqua-Master or Aqua-Jet. Example: AMC 260, AJC 13, etc.

# THE KEY TO BETTER OUTBOARD PERFORMANCE

This booklet is designed to aid the outboard owner in knowing whether he is getting the most from his boat and motor combinations. We want to assist him in getting as much pleasure from outboarding as possible. Practical aids in "setting up" and other problems are explained in the seven check points for better performance listed below, and our propeller recommendations are shown in the following pages.

One of the most critical factors in outboard and inboard motors is the propeller. Manufacturers, knowing the importance of propellers for successful operation, bring their propeller problems to propulsion experts . . . the Michigan Wheel Company. You, too, will find our recommendations will help you solve your propulsion problems.

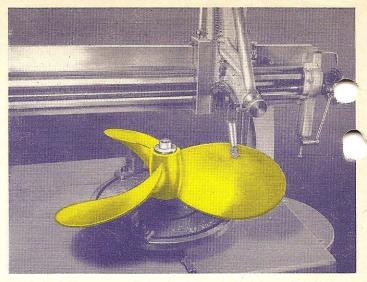
#### WHAT MAKES A GOOD PROPELLER?

FIRST, a propeller must be accurate to operate with maximum efficiency. Michigan's exclusive Machined-Pitch method of manufacture guarantees accuracy in every detail. This is supplemented by our 50 years of experience and unmatched facilities.

SECOND, the propeller must be of correct size and design. Because of variations in hulls and conditions, load and service requirements, the original propeller is not suitable in all cases. We, therefore, offer a range of styles and sizes, especially for larger motors, which are designed to meet the requirements of each individual case. In recommending propellers for engines with different hulls and loads, consideration has been given to the gear ratio of the lower unit, its contour, engine's power, and RPM range.

Every effort should always be made to select a Michigan Propeller that custom matches the outfit. The standard equipment propeller on a motor of necessity must be an average all-purpose wheel. It is the function of the proper Michigan propeller used according to recommendation in this catalog to match a particular outfit. In most cases this matching will result in a very distinct improvement in performance, whether increased top speed, better load carrying, or ability to pull water skiers is desired.

NOTE: Specific results cannot be guaranteed due to variations of boats, engines, fuels, and conditions. Our information is based on the experience of our test crew with stock engines and well designed boats. For specific conditions, we invite inquiries . . . or write for our Outboard Analysis Form.



The Helical Planer, an exclusive development of Michigan Wheel Company, eliminates the human error element and carves the original patterns of Michigan Propellers and Pitch Blocks with unfailing precision and accuracy.



Propeller shown above is being checked on a PITCH BLOCK. PITCH BLOCKS have true screw surfaces carved by the belical planer and corresponding to the contours of the propellers with which they are used to check the accuracy of each and every propeller throughout the manufacturing process.

NO OTHER PROPELLERS ARE MADE THIS WAY

#### MICHIGAN PROPELLERS GIVE MORE SPEED - WITHOUT DAMAGE

A Michigan propeller that is fitted to your boat, load, and hull requirements will provide greater speed and all-around top performance, and will not harm your motor in any way. In fact, it will result in less wear than the motor's original stock propeller which does not happen to fit boating conditions. Because of the varying conditions, many stock

propellers do not achieve the proper range of RPM at full throttle. This results in motor wear. It is for this reason that Michigan maintains a wide range of propeller types and sizes — to provide outboard owners with the exact propellers best suited to their individual boat requirements.

#### 7 CHECK POINTS FOR IMPROVED OUTBOARD PERFORMANCE

Naturally every owner of an outboard outfit does not expect or want competitive racing speeds. However, hardly any are adverse to getting better all around performance and the following facts are presented as an aid in generally bringing up performances for those outfits where complete satisfaction is not presently being derived.

The first thought that comes to many outboarders is that a propeller change may accomplish a miracle or be a cure-all. Though of prime importance, no propeller by itself can make an outfit, inherently incorrect in one or more details, perform in competition with outfits in which all factors are

Each owner interested in greatest possible performance should check every one of the following points. Each are vital. One or more bad features in your outfit can detract as much as 10 to 50% in boat speeds and all around performance.

#### 1. MOTOR TILT

Every outboard motor has an adjustment for tilt. When the motor is set on the transom with the lower unit too far forward, the boat will have a tendency to throw the bow too far into the water and over-plane the boat. This slows the boat up considerably although it will stabilize a wild boat, especially with the larger more powerful engines. For maximum racing speeds there is one point of proper motor angle and this is with the lower unit tilted back as far as possible. This can be briefly summed up as "trimming," However, no two hulls are alike and the exactly correct point can be determined only by trial and error. Motors tilted too far aft will cause propeller to cavitate. Normally proper tilt is perpendicular to water when boat is at full speed.

#### 2. TRANSOM HEIGHT

No single one of these 7 factors has more effect on general performance than the proper transom height. While most manufacturers of boats provide 15" transoms and most engines operate satisfactorily on these transoms, it is definitely true that owners of some boats will gain from 1/4 to a mile or more in speed by blocking up or increasing the boat transom. For average family runabouts it is a good rule of thumb to run the anti-cavitation plate slightly below the bottom of the keel; or if there is no keel, below the bottom of the boat. Everyone interested in the last fraction of a mile for competitive racing, and this applies to hydroplanes and racing runabouts, should experiment to see how high he can run his outfit without encountering excessive cavitation when underway. It will be found harder to get up on top at the start with very highly mounted motors. There is no general rule that can be applied as motor lower units and boats vary in the ability to run high for this specialized racing service. It is readily apparent to everyone that a highly mounted motor will cause less drag or skin friction, give better shallow water operation, and safer operation on sharp

banks, since the propeller will break loose and the boat automatically straighten itself. You will also reduce back pressure with the underwater exhaust close to the surface.

#### 3. THE KEEL

The purpose of a keel is to brace or stiffen the bottom, offering protection to the bottom, and on faster boats to stabilize it on the turns. Unfortunately this also adds drag and provides a route for air bubbles to flow back and be picked up by the propeller, thus greatly affecting propeller performance. This is why on some of the faster boats, intended for racing, you will find the keel inside the boat. These jobs generally are run with a fin. Where a substantial keel is built on the bottom, the aft end should be faired from an eighth to a quarter inch at the transom on a taper to about 30" forward. Fortunately most boat builders today have recognized the importance of faired keels and are sending them from the factory this way, but there are still thousands of boats in use with keels causing propeller inefficiencies.

#### 4. BOAT BOTTOMS

90% of all well designed runabouts are straight line bottom boats. These have been proven definitely the most efficient and fastest. Unfortunately, however, many of these boat bottoms are not perfectly true and have built-in, or developed through use, a hook or curve which normally appears just forward of the transom. Usually the tremendous pull of a big engine or a medium size engine has drawn the bottom out of true and it has taken a permanent set. Some flexible bottom boats may straighten themselves up when out of the water but under operation be running with the hook. This hook developed in the bottom has two very serious effects in the outfit's performance.

First, it often is the entire reason for galloping at high speed and difficult control on the turns.

Secondly, it slows the boat up. If you have determined that you have an untrue boat bottom it should be straightened up.

#### 5. PASSENGER WEIGHT

The average outboard is most sensitive to weight distribution. Some in fact are so sensitive that with motors of medium power, it is only by throwing weights way forward that the boat can be gotten into a plane where it will run best. In others, weights must be shifted aft. Here again variations in design, power and type of set-up will all vary so much that individuals will have to try out their own outboards and determine the weight compensation required. An excellent example of proper and improper weight distribution is offered by the owner of a flat bottom rowboat who sits in the stern, way aft, with a 5 H.P. motor and chugs along at 6 miles an hour with the bow 3' in the air. Sitting in the middle seat driving with a long handled stick he finds that he is actually able to plane out at 12 to 15 miles per hour.

Continued on Page 6

#### 6. CAVITATION

Cavitation is often called the curse of outboarding. What is it? Briefly it simply is a condition where the propeller sucks air or motor gases and runs wild in the "pocket". Most cavitation is caused by the motor being tilted too far aft or too high on the transom. Other common causes of high slip or cavitation are extreme "lift" of boat on turns, a bent propeller, wrong propeller size, weeds on lower unit, etc.

#### 7. THE BOAT ITSELF

Present day manufacturers of outboard boats offer a huge range of hulls for the American outboard enthusiast to choose from. They range from various metals, plastics, solid woods and plywoods. Each has its merit. Some are intended as family pleasure boats, some as all around utility boats and some strictly as speed boats. Many of our inquiries here have to do with owners of inherently relatively slow-speed, nice family boats of good safe design who want to compete with the speed boys. While we sometimes can bring up speeds appreciably through propeller alteration or some other changes mentioned above, it certainly isn't in the cards for a 400 pound plank boat to compete with hulls designed for one purpose only, namely top speed, without thought to riding qualities or maximum stability.

# MICHIGAN'S REPAIR SERVICE FOR DAMAGED PROPELLERS



Before



After

All Michigan outboard propellers can be reconditioned with complete accuracy, making it unnecessary for outboard owners to risk costly engine damage by using a propeller that is bent or out of balance. Repairs should never be entrusted to anyone other than the factory or one of our duly authorized service stations. This is particularly important in cushion-hub type propellers such as used on gearshift engines. Thousands of propellers yearly are completely ruined by attempted repairs by those who are insufficiently equipped and experienced in this highly technical service.

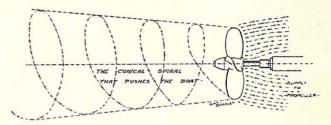
# OUTBOARD PROPELLER REPAIR PRICE LIST

6" to 8" dia\$	4.00
81/4" to 12" dia	5.50
	2.00
	2.00
Spec. Racing and Quicksilver Propellers	6.00
Shock absorber replacement and welding, if required, extra.	net

# THE THEORY OF PROPELLER PROPULSION

If there were such a combination as the best hull and the best engine in the world, the result would be an utter failure unless it was equipped with a propeller of proper design, correct diameter and pitch, and one which embodied the precision workmanship approaching that employed in watchmaking.

A propeller drives a boat much as the ordinary garden hose kicks back when you turn on the water. That is, a constant supply of water is drawn into the wheel which acts as a pump and is ejected in the form of a constantly increasing spiral that reacts against the surrounding water and pushes the boat ahead.



Broadly speaking, there are only two dimensions of a propeller which concern the boat owner. There are countless other dimensions but these are matters purely up to the engineers who designed the particular wheels. Here is a matter where years of experience and deep technical knowledge are of the utmost importance. From the owner's point of view, the important dimensions are diameter and pitch. The diameter of a two-blade wheel is the distance in inches from the tip of one blade to the tip of an opposite one. In a three-blade wheel, it is most easily measured by doubling the distance between the tip of a blade and the center of the hub.

The second of the important propeller measurements is pitch. The pitch of a propeller has been compared to the pitch of a screw, which may be the source of the fallacious screw theory of propulsion. Actually, it is more correct to say that the pitch of a propeller indicates the distance that the water would move aft in one revolution of the wheel. For example, if a propeller has a pitch of 12 inches, it would theoretically throw a particle of water back for a distance of 12 inches in one revolution. If there was no such thing as a loss in efficiency, you could figure that the speed of a boat would be the pitch of its wheel times its r.p.m. This would give you the distance the boat moved ahead in one minute. Unfortunately, there is a great loss just as there is a loss in power when your automobile tries to go up a slippery hill and the wheels spin around. This is called propeller slip and is usually figured as a percentage of the theoretical speed of the wheel.

In concluding this discussion of diameter and pitch we wish to re-emphasize what we have said on page 4 under the title, "WHAT MAKES A GOOD PROPELLER", selection of diameter and pitch is not a job for the layman, but rather that of the expert propulsion engineer, such as those who have made the propeller recommendations contained in this catalog.

Prices Subject to Change Without Notice

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мотоя	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
e	4145, 4205 4256, 4301, 4329,	1936-37	E22	\$ 3.60	7 x 6	AL	2	All Purpose
	4351, 4352	1938-39-40-41	E27	3.60	7 x 6	AL	2	All Purpose
Handitwin	4158, 4212, 4261 4307, 4332, 4357, 4358	1936-37-38 1939-40-41	} E32	3.60	7½ x 6	AL	2	All Purpose
Lightwin	4313, 4314, 4020	1934-41	AM120 AM121	9.30 9.30	7½ x 6½ 7½ x 7½	BR BR	3 3	14'-16' — all loads Light planing boats, light load
Pal	4203, 4253, 4266	1937-41	E40	3.30	6 x 5	AL	2	All Purpose
Speedster, 12 H.P	5101	1949-50	AJ20 AM240 AM242		83/4 x 10 83/4 x 10 1/2 83/4 x 9	BR BR BR	2 3 3	Light planing boats, light load 12'-14' boats 1-3 Passengers 14'-16' boats, all loads, skis
Sportster, 5 H.P.	4432	1949-50	AM120 AM121	9.30 9.30	7½ x 6½ 7½ x 7½	BR BR	3 3	14'-16' boats — all loads Light planing boats, light load
Big Four	8015, 1" shaft	1945-50	AJ325 AM174		9½ x 14 10 x 12½	BR BR	2 3	Racing runabouts, light loads 14'-16' boats, all load

#### EVINRUDE

						Continue		
Big-Twin, 30 H.P.		1956	AJC460	\$19.80	10 x 15	BR	2	12'-14' Runabouts 1-2 Passengers
Dig- I Will, OU IIII		50.55	AJC461	19.80	10 x 151/2	BR	2 2	12'-14' Runabouts 1-2 Passengers
			AJC462	19.80	10 x 14	BR	2	14'-16' Runabouts 1-4 Passengers
			AJC463	15.60	10 x 15½	AL	2	12'-14' Runabouts 1-2 Passengers
			AJC464	15.60	10 x 14	AL	2	14'-16' Runabouts 1-4 Passengers
		1	AJC465	19.80	10 x 16 1/2	BR	2	Racing Utilities 14'-18' boats, 1-4 Passengers, skis, cruisers
11000			AMC381	17.40	10 3/8 x 11 1/2	BR	3	14'-18' boats, 1-4 Passengers, skis, cruisers one or two engines
			AMC383	12.60	10 3/8 x 11 1/2	AL	3	14'-18' boats, 1-4 Passengers, skis, Cruisers one or two engines
			AMC391	12.60	93/4 x 151/2	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC392	17.40	93/4 x 151/2 93/4 x 151/2	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC382	17.40	10 3/8 x 12 1/2	BR	3	14'-16' Runabouts 1-4 Passengers, Cruisers Twin engines
			AMC388	12.60	103/8 x 121/2	AL	3	14'-16' Runabouts 1-4 Passengers, Cruisers Twin engines
			AMC444	17.10	10 x 11	AL	4	16'-18' boats, heavy loads, skis, 16'-23' Cruisers one engine
			AMC445	17.10	10 x 12	ΛL	4	14'-18' boats, 16'-23' Cruisers Twin engines
			AMC389	12.60	10 3/2 x 13 1/2	AL	3	14'-16' Runabouts 1-4 Passengers
			AMC390	17.40	10 % x 13 1/2	BR	3	14'-16' Runabouts 1-4 Passengers
Big-Twin, 25 H.P	2001, 2003, 25012	1951-55	AJC460	19.80	10 x 15	BR	2	12'-14' Runabouts 1-2 Passengers
	ALCOHOLD WASHINGTON	The same of the sa	AJC461	19.80	10 x 151/2	BR	2	12'-14' Runabouts 1-2 Passengers
			AJC462	19.80	10 x 14	BR	2	14'-16' Runabouts 1-3 Passengers
			AJC463	15.60	10 x 15½	AL	2	12'-14' Runabouts 1-2 Passengers
			AJC464	15.60	10 x 14	AL	2	14'-16' Runabouts 1-3 Passengers
			AMC380	17.40	10 % x 10	BR	3	X-Heavy boats, heavy loads, 2 or more skiers,
					400/ 441/	***		18'-23' Cruisers one engine
			AMC381	17.40	10 % x 11 ½	BR	3	14'-16' boats 1-4 Passengers, skis, 16'-23' Cruisers Twin engines, 16'-18' Cruiser one
			AMC382	177 40	103/ - 101/	BR		engine
			AMC383	17.40 12.60	10 3/8 x 12 1/2 10 3/8 x 11 1/2	AL	3	All Purpose
			AMCSOS	12.00	10 % X 11 ½	AL		14'-16' boats 1-4 Passengers, skis, 16'-23 Cruisers Twin engines, 16'-18' Cruiser one engine
			AMC384	15.60	11 x 10	AL	3	Barges, Fish Tugs, Tow boats
			AMC385	12.60	10 3% x 10	AL	3	X-Heavy boats, heavy loads, 2 or more skiers,
					Through the same			18'-23' Cruisers one engine
			AMC386	12.60	91/4 x 141/2 91/4 x 141/2	AL	3	12'-14' Runabouts 1-2 Passengers
			AMC387	17.40	91/4 x 141/2	BR	3	12'-14' Runabouts 1-2 Passengers
			AMC388	12.60	10 3/8 x 12 1/2	AL	3	All Purpose
			AMC442	17.10	10 x 10	AL	4	19' to 23' Cruisers — one engine
			AMC444	17.10	10 x 11	AL	4	16' to 18' Cruiser — one engine
			AMC445	17.10	10 x 12	AL	4	16' to 23' cruiser — two engines
							1	
The second secon							1	

What's a vacation or fishing trip without the use of your motor — carry a spare propeller.

Prices Subject to Change Without Notice

#### **EVINRUDE** (Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
astwin 14 H.P. uper Fastwin 15 H.P.	4438, 4441	1950-56	EWC15 AJC410 AJC411 AJC412 AJC413 AJC414 AMC266 AMC267	\$13.20 15.00 15.00 12.60 12.60 12.60 12.60	9 x 11 8½ x 11½ 8½ x 12 8½ x 12 8½ x 11½ 8½ x 13 9 x 7 9 x 8½	BR BR BR AL BR AL AL	3 2 2 2 2 2 2 3 3	All Purpose, Weedless Light planing hull, light loads Light planing hull, light loads Light planing hull, light loads Racing utilities and hydros Racing utilities and hydros X-Heavy boats, heavy loads, 16'-23' Cruise 14'-16' boats 1-4 Passengers, skis, 16'-2 Cruisers Twin engines
			AMC330 AMC331 AMC332 AMC333 AMC334 AMC335 AMC446 AMC447	15.00 15.00 15.00 10.80 10.80 15.00 14.40 14.40	8½ x 11 8½ x 10½ 8¾ x 9 8½ x 11 8¾ x 9 8½ x 12 9 x 7 9 x 8	BR BR BR AL AL BR AL	3 3 3 4 4	12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 16' to 23' Cruiser — one engine 14'-16' boats 1-4 Passengers, skis, 16'- Cruisers Twin engines
H.P.	Sportwin	1956	JWC10 AJC200 AJC201 AJC202 AMC260 AMC261 AMC262 AMC263 AMC264 AMC265	13, 20 15, 00 15, 00 12, 60 15, 00 15, 00 15, 00 10, 80 10, 80 12, 60	9 x 8 8½ x 10 8½ x 11 8½ x 10 8½ x 10 8½ x 10 8½ x 8½ 8½ x 8½ 8½ x 8½ 9 x 6	BR BR AL BR BR AL AL AL	3222333333	All Purpose, Weedless Light planing boats, light load Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis X-Heavy boats, heavy loads, 16'-23' Cruise one engine 14'-16' boats, 1-4 Passengers, skis, 16'-
lsherman	4309	1939	AM120 AM121	9.30 9.30	7½ x 6½ 7½ x 7½	BR BR	3 3	Cruisers Twin engines  14'-16' boats — all loads Light planing boats, light load
leetwin <u>:</u> 7½ H.P	4434, 4443, 4447, 7512	1950-53	AJ420 AM340 AM341	13.20 9.30 9.30	7 <sup>3</sup> / <sub>4</sub> x 9 <sup>1</sup> / <sub>2</sub> 7 <sup>3</sup> / <sub>4</sub> x 7 7 <sup>3</sup> / <sub>4</sub> x 6	BR BR BR	2 3 3	Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
leetwin Aquasonic 7½ H.P	7514	1954-56	AJ615 AJ616 AJ617 AM415 AM416 AM417	11.70 9.90 11.70 9.30 7.20 9.30	73/4 x 9 73/4 x 9 73/4 x 81/2 8 x 8 8 x 8 8 x 7	BR AL BR BR AL BR	2 2 2 3 3 3	Light planing boats, light load Light planing boats, light load Light planing boats, light load 12-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
½ H.P	Fisherman	1956	J300 AM430 AM431 AM433 AM434	3.60 9.30 7.20 9.30 7.20	8 x 7½ 73/4 x 6½ 73/4 x 6½ 73/4 x 7 73/4 x 7	AL BR AL BR AL	2 3 3 3 3	All Purpose 14'-16' boats — all loads 14'-16' boats — all loads Light planing boats, light load Light planing boats, light load
ight Four		1935-50	{ AM72 AM73	10.50 10.50	8 x 9 8 x 8½	BR BR	3 3	12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
anger & Scout		1937-47	E40	3.30	6 x 5	AL	2	All Purpose
oeedifour	7031, Serial 3001 up, 1" shaft	1946-50	AJ325 AM174	19.80 15.60	9½ x 14 10 x 12½	BR BR	2 3	Racing runabouts, light loads 14'-16' boats, all load
peedtwin	6039-6041, Special No. over 5000, 1" shaft	1946-51	AM161 AM162 AJ288	15.60 15.60 19.80	10 x 12 ½ 10 ½ x 9½ 9 ¾ x 11 9½ x 12	BR BR BR	3 3 2	14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers Racing runabouts, light loads
portsman	4091 4146, 4207 4285 to 4416	1935 1936-37 1938-47	E22 E27 E4	3.60 3.60 4.50	7 x 6 7 x 6 7 x 6	AL AL AL	2 2 2	All Purpose All Purpose All Purpose
portwin		1936-37	E32	3.60	7½ x 6	AL	2	All Purpose
				9.30	7½ x 6½ 7½ x 7½	BR	3	

No propeller will perform smoothly, efficiently if bent or thrown out of balance. Own a spare to use while damaged wheel is reconditioned.

Prices Subject to Change Without Notice

#### HNSON

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
	KA37, 38, 39, 10 KD15, KS15		{ J21 J24	\$10.50 11.70	9 <sup>3</sup> / <sub>4</sub> x 7 <sup>1</sup> / <sub>4</sub> 9 x 11	AL BR	3 2	14'-16' boats, all load Light planing boats, light load
	P50, 65, 70, 75, 80, PO37, 38, 39, 10, 15,PO1948, 49, 50.		AM33 AM34 AJ1195	16.20 16.20 19.80	9 % x 14 9 % x 13 10 x 14	BR BR BR	3 3 2	12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers CU Racing runabout
. Н.Р.		1956	EWG15 AJC410 AJC411 AJC412 AJC413 AJC414 AMC266 AMC267	13.20 15.00 15.00 12.60 15.00 12.60 12.60	9 x 11 8½ x 11½ 8½ x 12 8½ x 12 8½ x 11½ 8½ x 13 8½ x 13 9 x 7 9 x 8½	BR BR BR AL BR AL AL	3 2 2 2 2 3 3 3	All Purpose, Weedless Light planing hull, light loads Light planing hull, light loads Light planing hull, light loads Racing utilities and hydros Racing utilities and hydros X-Heavy boats, heavy loads, 16'-23' Cruise 14'-16' boats 1-4 Passengers, skis, 16'- Cruisers Twin engines
			AMC330 AMC331 AMC332 AMC333 AMC334 AMC335 AMC446 AMC447	15.00 15.00 15.00 10.80 10.80 15.00 14.40 14.40	8½ x 11 8½ x 10½ 8¾ x 9 8½ x 11 8¾ x 9 8½ x 12 9 x 7 9 x 8	BR BR AL AL BR AL AL	3 3 3 3 4 4	12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 16' to 23' Cruiser — one engine 14'-16' boats 1-4 Passengers, skis, 16'-Cruisers Twin engines
Н.Р.	QD	1949-56	AJC200 AJC201 AJC202 AMC261 AMC261 AMC263 AMC263 AMC264 AMC265 AMC266	13,20 15,00 15,00 12,60 15,00 15,00 16,80 10,80 12,60	9 x 8 8½ x 10 8½ x 11 8½ x 10 8½ x 10 8½ x 10 8½ x 8½ 8½ x 8½ 8½ x 8½ 9 x 6	BR BR AL BR BR AL AL	32223333333	All Purpose, Weedless Light planing boats, light load Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis X-Heavy boats, heavy loads, 16'-23' Cruis one engine 14'-16' boats 1-4 Passengers, skis, 16'-
⁄ <sub>2</sub> H.P		1956	AJ615 AJ616 AJ617 AM415 AM416 AM417	11.70 9.90 11.70 9.30 7.20 9.30	7 <sup>3</sup> / <sub>4</sub> x 9 7 <sup>3</sup> / <sub>4</sub> x 9 7 <sup>3</sup> / <sub>4</sub> x 8 <sup>1</sup> / <sub>2</sub> 8 x 8 8 x 8 8 x 7	BR AL BR BR AL BR	2 2 2 3 3 3 3	Cruisers Twin engines  Light planing boats, light load Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
	SD10-15-20	Thru 1950	{ J272 J275	14.40 11.70	10 x 10 10 x 12	BR BR	3 2	14'-16' boats, all loads, skis Light planing boats, light load
	TD15, 20, TS15		{ AM90 AM91	9.30 9.30	7 <sup>3</sup> / <sub>4</sub> x 6 <sup>1</sup> / <sub>2</sub> 7 <sup>3</sup> / <sub>4</sub> x 7	BR BR	3 3	14'-16' boats — all loads Light planing boats, light load
	TN, with Neutral, forward	1950-53	J8 AM92 AM93 AM94 AM95	3.60 9.30 9.30 7.20 7.20	8 x 71/4 73/4 x 61/2 73/4 x 7 73/4 x 61/2 73/4 x 7	AL BR BR AL AL	2 3 3 3 3 3	All Purpose 14'-16' boats — all loads Light planing boats, light load 14'-16' boats — all loads Light planing boats, light load
⁄ <sub>2</sub> H.P.		1954-56	J300 AM430 AM431 AM433 AM434	3.60 9.30 7.20 9.30 7.20	8 x 7½ 734 x 6½ 734 x 6½ 734 x 6½ 734 x 7	AL BR AL BR AL	2 3 3 3 3 3	All purpose 14'-16' boats — all loads 14'-16' boats — all loads Light planing boats, light load Light planing boats, light load

Carry a spare propeller to slip on when a damaged propeller would otherwise spoil your boating pleasure.

Prices Subject to Change Without Notice

JOHNSON	(Continued)
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MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
"25" H.P	"RD"	1951-55	AJC460 AJC461 AJC462 AJC463 AJC464 AMC380		10 x 15 10 x 15½ 10 x 14 10 x 15½ 10 x 14 10 x 14 10 x 14	BR BR BR AL AL BR	2 2 2 2 3	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers X-Heavy boats, heavy loads, 2 or more skiers, 18'-23' Cruisers one engine
		*	AMC381 AMC382 AMC383	17.40 17.40 12.60	10 % x 11 ½  10 % x 12 ½ 10 % x 12 ½ 10 % x 11 ½	BR BR AL	3 3 3	14'-16' boats, 1-4 Passengers, skis, 16'-23' Cruisers Twin engines, 16'-18' Cruiser one engine All Purpose 14'-16' boats 1-4 Passengers, skis, 16'-23' Cruisers Twin engines, 16'-18' Cruiser one
			AMC384 AMC385	15.60 12.60	11 x 10 10 3/8 x 10	AL AL	3	engine Barges, Fish Tugs, Tow boats X-Heavy boats, heavy loads, 2 or more skiers. 18'-23' Cruisers one engine
			AMC387 AMC386 AMC388 AMC442 AMC444 AMC445	17.40 12.60 12.60 17.10 17.10	9½ x 14½ 9½ x 14½ 10¾ x 12½ 10 x 10 10 x 11 10 x 12	BR AL AL AL AL AL	3 3 4 4 4	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers All Purpose 19' to 23' Cruisers — one engine 16' to 18' Cruiser — one engine 16' to 23' Cruiser — two engine
30 H.P.		1956	AJC469 AJC461 AJC462 AJC463 AJC464 AJC465 AMC381	19.80 19.80 19.80 15.60 15.60 19.80 17.40	10 x 15 10 x 15½ 10 x 14 10 x 15½ 10 x 14 10 x 16½ 10 x 16½ 10 % x 11½	BR BR BR AL AL BR BR	222223	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-4 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-4 Passengers Racing utilities 14'-18' boats, 1-4 Passengers, skis, Cruisers one or two engines
			AMC383 AMC391 AMC392 AMC382	12.60 12.60 17.40 17.40	10 % x 11 ½ 9 ¾ x 15 ½ 9 ¾ x 15 ½ 10 % x 12 ½	AL AL BR BR	3 3 3	14'-18' boats, 1-4 Passengers, skis, Cruisers one or two engines 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-4 Passengers, Cruisers Twin engines
			AMC388 AMC444	12.60 17.10	10 % x 12 ½ 10 x 11	AL AL	3 4	14'-16' Runabouts 1-4 Passengers, Cruisers Twin engines 16'-18' boats, heavy loads, skis, 16'-23' Cruisers
			AMC445 AMC389 AMC390	17.10 12.60 17.40	10 x 12 10 % x 13 ½ 10 % x 13 ½	AL AL BR	3 3	one engine 14'-18' boats, 16'-23' Cruisers Twin engines 14'-16' Runabouts 1-4 Passengers 14'-16' Runabouts 1-4 Passengers

#### CHAMPION

Singles & Twins	SIE, DIE, SIF, S2F, BIF, SIG, DIG,								
Singles & Twins	MIG, 1H S4G, D4G, D2D,	1939-42		P51	\$ 4.20	7½ x 6½	AL	2	All Purpose
	M4G, D1F	1938-41		P91	5.40	7½ x 6½	AL	3	All Purpose
tandard Single DeLuxe Single	1J and 1L-1K, 2M 4.2 H.P., 2J and 2K.	1946-53 1946-50	}	P90	6.00	8 x 5½	AL	2	All Purpose
DeLuxe Twin	7.9 H.P., 4K	1948-50		P120 M230 M231	7.20 9.30 9.30	8 x 10 8 <sup>1</sup> / <sub>4</sub> x 9 8 <sup>1</sup> / <sub>4</sub> x 8 <sup>1</sup> / <sub>2</sub>	AL BR BR	2 3 3	All Purpose Light planing boats, light load 14'-16' boats — all loads
lot Rod uper DeLuxe	4KS and 4LS	1949-52	Α	AJ130	13.20	81/8 x 10	BR	2	Light planing boats, light load
DeLuxe	4L	1952	A	M232	9.30	7½ x 9½	BR	3	All Purpose
	4L-HD	1950-52		M233 AJ130	9.30 13.20	7½ x 10 8½ x 10	BR BR	3 2	Light planing boats, light load Light planing boats, light load
5 H.P., 4M 7 1/2 H.P		1953		P160	6.60	8 x 9½	AL	2	All Purpose
5 H.P. Twin 6 H.P. Twin		1954-55 1956	A	AJ132 AJ134 M235 M237	10.80 10.80 11.70 11.70	8 3/8 x 12 8 3/8 x 13 8 3/4 x 10 8 3/4 x 9	BR BR BR BR	2 2 3 3	Light planing boats, light load Light planing boats, light load 14'-16' boats, all loads 14'-16' boats, all load, skis
0 Cubic Inch	B Hot Rod			H1 U1	24.00 24.00	7 x 13 Vari 7 x 12 Vari	BR BR	2 2	Racing Hydroplanes Utility Runabout

Prices Subject to Change Without Notice

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia, and Pitch	Metal	No. Blades	RECOMMENDATION
r. Single, 1.2 and .5 H.P.	1A38, 1A39, 10A1, 11A1, 11B1, 15A1, 15B1, 17A1, 17B1	1938-47-56	E40	\$ 3.30	6 x 5	AL	2	All Purpose
Single, 2 and 2.5 H.P	0B1, 0B11, 0B12, 2A38, 2A39, 10A2, 11A2, 11AA2, 11B2, 15B2, 17A2_	1933-41	M10	4.20	75/8 x 51/8	AL	2	All Purpose
r. Twin	0B31, 0B32, 0B34, 0B35, 4A38,4A39,							
Alternate, 5 and 6 H.P.	10A4, 11B4, 15B4 5A39, 10A6, 11A6, 11AA6, 15A6, 15AA6, 15B4	1933-41	M20	4.50	8 x 7	AL	2	All Purpose
mp. Twin, 6 H.P	6A38, 6A39, 15A6, 15AA6	1938-47-48	M20	4.50	8 x 7	AL	2	All Purpose
Alternate Twin, 3½ H.P.	11A3, 11AA3, 15A3, 15AA3, 17AA3, 17A3	1941-51	} M70	4.50	6½ x 5	AL	2	All Purpose
6 Н.Р	AA4	1948-51	M74	4.50	7½ x 5	AL	2	All Purpose
Commander, 10 H.P	K	1950-53	AJ430 AM390 AM393 AM394	15.60 11.70 10.80 13.20	7 <sup>3</sup> / <sub>4</sub> x 10 8 x 9 8 <sup>1</sup> / <sub>4</sub> x 8 8 <sup>1</sup> / <sub>4</sub> x 8	BR BR AL BR	3 3 3	Light planing boats, light load 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 14'-16' boats, all loads, skis
ELGIN (Sears-R	loebuck)							
Γwin, 5, 5½-6 H.P	571, 58601, 11 and 21	1947-48	G40	\$ 4.20	7½ x 7½	AL	] 2	All Purpose
	571, 58541	1949-55	G70 AM300 G45	9.60 7.20 6.60	7½ x 7 6¾ x 6 6¾ x 6½	BR BR AL	2 3 3	Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
5½ H.P		1956	GC54 AJC54 AMC292	6.60 9.00 10.50	7½ x 7 7½ x 8 7½ x 6	AL BR BR	2 2 3	All Purpose Light planing boats, light boats 14' Boats with Passengers
Twin, 7½ H.P	571,58731	1949-55	G50 AJ52 AM290 G55	5.40 11.70 9.30 7.20	7½ x 8½ 7¼ x 8½ 7½ x 7½ 7 x 7	AL BR BR AL	2 2 3 3	All Purpose Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
Γwin, 7½ H.P		1956	GC55 AJC55 AMC302	7.20 9.00 10.50	8 x 8 8 x 8½ 8 x 7	AL BR BR	2 2 3	All Purpose Light plaining boats, light loads 14 Boats with Passengers
rwin, 12 H.P		1955-56	AJC92 AJC94 AMC354 AMC355 AMC356	15.00 15.00 15.00 12.60 15.00	8½ x 9 8½ x 10 8½ x 8 8½ x 8 8½ x 8 8½ x 7	BR BR BR AL BR	2 2 3 3 3	Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers
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Carry a spare propeller to slip on when a damaged propeller would otherwise spoil your boating pleasure.

1949-54

1955-56

571, 58821 and 22...

G80 AJC440 AMC350 AMC351

AJC442 AJC444 AMC370

AMC372 AMC374 AMC412 AMC414

G90

15.00 9.90 17.40 17.40 17.40

19.80 19.80 17.40

17.40

17.40 17.10 17.10 13.20

AL BR

BR

BR BR BR

BR

BR

AL AL AL

3

4

x 11

x 11 9½ x 9 9½ x 8

10 x 14 10 x 13 10 % x 11 ½

10 3/8 x 10 10 3/8 x 12 1/2

10 x 10 10 x 11 10 3/8 x 11 1/2

Twin, 16 H.P.

Twin, 25 H.P....

All Purpose Light planing boats, light load 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis

14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers

16' to 23' Cruiser — one engine
16' to 23' Cruisers — one or two engines
All Purpose

Cruisers Twin engines

Racing runabouts, light loads Racing runabouts, light loads 14'-16' boats 1-4 Passengers, skis, 16'-18'

Prices Subject to Change Without Notice

#### FIRESTONE, CORSAIR, HIAWATHA

(1956)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Single Cyl. 3.5, 3.6, 4 H.P.	All Singles except					Jai		
4 11.1	460, 462	1946-56	SA10	\$ 4.20	7 3/8 x 6	AL	2	All Purpose
All 5 H.P. Twins Hiawatha-Corsair	All Models	1949-54 1956	AMC275 AMC276 AMC277	10.50 10.50 7.50	6 <sup>3</sup> / <sub>4</sub> x 7 <sup>1</sup> / <sub>2</sub> 6 <sup>3</sup> / <sub>4</sub> x 7 6 <sup>3</sup> / <sub>4</sub> x 7 <sup>1</sup> / <sub>2</sub>	BR BR AL	3 3 3	Light planing boats, light load 14'-16' boats — all loads Light planing boats, light load
5 H.P. Twin (Left Hand Props)		1955-56	SAC40 AMC510 AMC511 AJC60 AJC61	5.10 7.50 10.50 10.50 10.50	7 ½ x 6 7 x 6 7 x 6 6 ½ x 6 ½ 6 ½ x 7	AL AL BR BR BR	2 3 3 2 2	All Purpose 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers Light planing boats, light load Light planing boats, light load
All 7½ H.P. Twins Corsair	All Models	1946-54 1956	SA1 AJ8 AM210 AM211 SA7 AMC425 AMC426 AMC427	6.00 11.70 9.30 9.30 6.00 10.50	8	AL BR BR AL BR AL	2 2 3 3 3 3 3 3 3 3 3	Light planing boats, light load AU or BU Racing class runabout 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers All Purpose with cushion hub % 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers
7½ H.P. Twins. (Left Hand Props) Hiawatha	Balemaster	1955-56 1956	SAC50 AMC520 AMC521 AJC65 AJC66	5.70 7.50 10.50 11.70 11.70	8 x 7 73/4 x 6 73/4 x 6 81/2 x 81/2 81/2 x 9	AL AL BR BR BR	2 3 3 2 2	All Purpose 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers Light planing boats, light load Light planing boats, light load
All 10 H.P. Twins		1950-54	AJC510 AMC435 AMC436 AMC437		7½ x 9 8½ x 7 8½ x 8 8½ x 8 8½ x 7	BR BR BR AL	2 3 3 3	Light planing boats, light load 14'-16' boats, all load 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all load
10 H.P. Twin (Left Hand Props)		1955-56	SAC60 AMC530 AMC531 AJC70 AJC71	6.60 8.40 11.10 13.20 13.20	8 1/8 x 9 1/2 8 1/4 x 7 1/2 8 1/4 x 7 1/2 7 3/4 x 10 1/2 7 3/4 x 11	AL AL BR BR BR	2 3 3 2 2	All Purpose 14'-16' boats, all load 14'-16' boats, all load Light planing boats, light load Light planing boats, light load
All 16 H.P. Twins. (Right Hand Props) Corsair	1-30	1950-55 1956	AJC13 AJC14 SAC29 SAC30	16.80 13.20 14.40 13.20	9 x 9 9 x 9 9 ½ x 6½ 9½ x 6½	BR AL BR AL	2 2 3 3	All Purpose All Purpose 14'-16' boats, all loads, skis 14'-16' boats, all loads, skis
16 H.P. Twin (Left Hand Props) Hiawatha	Balemaster	1956 1956	SMC35 SMC36 AJC40 AJC41	13.20 14.40 13.20 16.80	8 ½ x 8 8 ½ x 8 9 x 10 9 x 10	AL BR AL BR	3 3 2 2	14'-16' boats, all loads, skis 14'-16' boats, all loads, skis 12'-14' Runabouts 1-3 Passengers 12'-14' Runabouts 1-3 Passengers
30 H.P. Twin		1956	SMC654	15.00	10 x 13	AL	3	14'-16' boats 1-5 Passengers, skis, Cruisers Twin engines
			SMC655	18.00	10 x 13	BR	3	14'-16' boats 1-5: Passengers, skis, Cruisers Twin engines
			SMC656 SMC657 AJC100 AJC101 AJC103 AMC650 AMC651	15.00 18.00 20.40 20.40 20.40 18.00	10 x 14 10 x 14 10 x 15 10 x 14 10 x 16 10 x 12 10 x 11	AL BR BR BR BR BR	3 2 2 2 2 3 3 3	12'-14' boats 1-4 Passengers 12'-14' boats 1-4 Passengers 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-4 Passengers 12'-14' Rast Runabouts 1-2 Passengers 12'-16' Runabouts, loads, skis Heavy boats, loads, two skiers, 16'-19' Crusiers, one engine
			AMC661	18.00	10 x 11	AL	4	Heavy boats, loads, two skiers, 16'-23 Cruisers, one engine
			SAC70	18.00 14.40	10 x 12 10 x 14	AL AL	2	16'-18' Runabouts, (19'-23' Cruisers, two engines All Purpose
TELEVISION OF THE PARTY			SACIO	14.40	10 114	AL	2	All Furpose

#### LAUSON

Single 21	½-3 H.P.	1940-56	L30	\$ 4.50	7½ x 5½	AL	2	All Purpose
Twin 6	н.р.	1948-54	L50 L52 AM310	6.00 6.00 9.30	8 x 6 7½ x 7½ 7½ x 6½	AL AL BR	2 2 3	12'-14' boats 1-3 Passengers All Purpose Light planing boats, light load

Propeller damage won't lay up your boat if you own a spare propeller.

Prices Subject to Change Without Notice

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MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION	9
Twin, 41/2 H.P	"40" and "45"	1946-54	Q40 Q41 Q42	\$ 5.40 5.40 5.70	7½ x 6 7½ x 4½ 7½ x 4½	AL AL BR	2 2 2	All Purpose Rowboats and skiffs Rowboats and skiffs	
Twin, 7.2 H.P	"60", "66" and "75"	1946-51	Q10 AJ34 AM181	6.00 9.90 9.30	8 x 8 7 <sup>3</sup> / <sub>4</sub> x 8 <sup>1</sup> / <sub>2</sub> 7 <sup>1</sup> / <sub>2</sub> x 8	AL BR BR	2 2 3	All Purpose Light planing boats, light load 12'-14' Runabouts 1-2 Passengers	
Twin, Twist Shift, 7.5 H.P.	"75"	1952-54	Q50 Q52 Q53 AJ39	7.20 10.50 10.50 13.20	8 x 8½ 8 x 6½ 8 x 8½ 7¾ x 8½	AL BR BR BR	2 2 2 2 2	All Purpose 14'-16' boats, all load All Purpose Light planing boats, light load	
Twin, 10 H.P.	"100"	1950-51	AJ451 AM362	13.20 10.80	7½ x 9 8½ x 8	BR BR	2 3	Light planing boats, light load 12'-14' Runabouts 1-2 Passengers	
Twin, Twist Shift, 10 H.P.	"100"	1952-54	Q60 Q61 Q66	6.60 7.20 10.80	8 x 9 8 x 8 8 x 7	AL AL BR	2 3 3	All Purpose 14'-16' boats, all load 14'-16' boats, all loads, skis	
Twin "Silver- Streak" E-H	"200"	1953-54	O70 O71 AJ530 AM420 AM421	7.20 10.80 15.60 10.80 10.80	7½ x 8 7½ x 8 6¾ x 9½ 7¾ x 6 7¾ x 7	AL BR BR BR BR	2 2 2 3 3	All Purpose All Purpose BU racing runabouts 12'-16' Boats, all loads, skis 12'-14' Runabouts 1-2 Passengers	

#### MERCURY

Single	K1, 2, 3, KB1A, WA2, 3, WB2, 3, KE3	1940-51	K8	\$ 3.60	75% x 6	AL	2	All Purpose
Single, 3½ H.P. Twin, 5 H.P.	Comet, KF3 Super 5, KF5, and Mark 5	1949-52 1949-55	K70 K71 AJ520 AM400 AM401	3.30 8.40 9.90 8.40 6.60	6 <sup>3</sup> / <sub>4</sub> x 6 <sup>1</sup> / <sub>2</sub> 6 <sup>3</sup> / <sub>4</sub> x 6 <sup>1</sup> / <sub>2</sub> 6 <sup>3</sup> / <sub>8</sub> x 6 <sup>1</sup> / <sub>2</sub> 7 x 5 7 x 5	AL BR BR BR AL	2 2 2 3 3	All Purpose All Purpose JU Class Runabout — 100 lb. driver 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers
Twin, 6 H.P.	K4, 5, KB4, 5, WA6, WB6, KD4, WB4, WD4	1940-47	K15 K16 K17 K19 K21	4.20 6.90 6.90 7.20 9.30	7 5/8 x 7 7 5/8 x 7 7 5/8 x 8 7 1/2 x 6 1/2 7 1/2 x 6 1/2	AL BR BR AL BR	2 2 2 3 3	All Purpose All Purpose Light planing boats, light load 14'-16' boats, all load 14'-16' boats, all load
vin 6 H.P	Mark 6	1955-56	K74 K75 AM410	5.10 8.40 8.40	71/4 x 7 71/4 x 7 7 x 6	AL BR BR	2 2 3	All Purpose All Purpose 12'-14' boat with passengers
Twin, 7½ H.P. Rocket, Mark 7	KE4	1947-55	K50 K53 K51 K52 AJ57 AJ56 AM200	5.10 9.30 8.40 6.60 11.70 11.70 9.30	75/8 x 8 71/4 x 61/2 75/8 x 8 71/4 x 61/2 7 x 8 7 x 71/2 63/4 x 8	AL BR BR AL BR BR	2 3 2 3 2 2 2 3	All Purpose 14'-16' boats, all load All Purpose 14'-16' boats, all load 14'-16' boats, all load Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers
Twin 7½ H.P. (Hurricane) (Std. Lower Unit)	KG4	1950-53	AJ58 AJ59 K54 K55 K58 K59	11.70 11.70 10.80 6.60 6.00 10.80	7 x 8½ 7 x 9 8 x 7 8 x 7 7½ x 9 7½ x 8	BR BR BR AL AL BR	2 2 3 3 3 3	Light planing boats, light load Light planing boats, light load 12-16' boats, all loads, skis 12'-16' Boats, all loads, skis All Purpose 14'-16' boats, all load
Gear-Shift	Mark 15	1953	AJC680 AJC602 AJC603 AMC450 AMC452 AMC453	17.40 17.40 14.40 18.60 18.60	9 x 9 1/2 9 x 10 9 x 10 9 x 8 1/2 9 x 9 9 x 9	BR BR AL BR BR AL	2 2 2 3 3 3	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 12'-16' Boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers
Twin, 10 H.P. (Lightning)	KE7	1947-52	K40 K41 K44 AJ47 AM191 AM194	6.60 10.80 10.80 14.40 10.80 11.70	7½ x 9 7½ x 8 7½ x 9 8½ x 10 7½ x 10 8 x 8½	AL BR BR BR BR BR	3 3 2 3 3	All Purpose 12'-16' boats, all loads, skis All Purpose Light planing boats, light load Light planing boats, light load 14'-16' Runabouts 1-3 Passengers, skis

Prices Subject to Change Without Notice

#### MERCURY (Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia, and Pitch	Metal	No. Blades	RECOMMENDATION
win, 10 H.P. (Super 10) and (Hurricane) Std. Lower Unit	KF7, KG7	1949-52	K30 K31 K33 AJ51 AJ55	\$ 5.70 10.80 11.70 13.20 13.20	7½ x 10 7½ x 10 8 x 8 8¼ x 9 8¼ x 10	AL BR BR BR BR	3 3 3 2 2	All Purpose All Purpose 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers Light planing boats, light loads
ruiser (Gear Shift)	KH-7, Mark 20-25	1952-56	AJC550 AJC551 AJC552 AMC500 AMC501 AMC502 AMC503 AMC540	16.50 21.00 21.00 17.70 21.00 21.00 17.70 18.90	9 x 11 9 x 10 9 x 10 9 x 10 9 x 10 9 x 9 9 x 9 9 1/2 x 8	AL BR BR AL BR AL AL	2 2 3 3 3 4	Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis 14'-16' boats, all loads, skis 14'-16' Cruisers one engine, 19'-23' Cruisers
			AMC541	18.90	9½ x 9	AL	4	Twin engine 14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines
	Mark 30 4 Cylinder	1956	AMC504 AMC505 AMC506 AMC507 AJC570 AJC571 AJC572 AMC542	17.70 21.00 17.70 21.00 16.50 21.00 21.00 18.90	9½ x 11 9½ x 11 9½ x 10 9½ x 10 9 x 12 9 x 12 9 x 13 9½ x 10	AL BR AL BR AL BR AL	33332224	12'-14' boats 1-4 Passengers 12'-14' boats 1-4 Passengers 12'-18' boats, passengers, skis 14'-18' boats, passengers, skis 14'-18' boats, passengers, skis Light planing boats, light load Light planing boats, light load Light planing boats, light load X-Heavy boats, 16'-23' Cruisers one engine two skiers Heavy boats, 16'-23' Cruisers two engines
uad, (Thunderbolt)	KG9, Mark 40	1949-53	K28	12,60		BR		All Purpose
	í.		K29 AM284 AM282 AM283 AJ80 AJ85	12.60 15.60 15.60 15.60 19.80 19.80	9½ x 12 9½ x 11 9½ x 11 9½ x 10 9½ x 10 9½ x 10 9½ x 11½	BR BR BR BR BR	2 3 3 3 2 2	14'-16' boats, all loads 14'-16' boats 2-4 Passengers Cruisers 14'-16' boats 2-3 Passengers and skiers 12'-14' boats 1-2 Passengers DU class runabouts
ouad fark 55 before Serial 835824 Iark 55E before Serial 898270	Mark 50-55	1954-56  14 Spline Hub	AMC575 AMC576 AMC576 AMC578 AMC580 AMC581 AMC545 AMC545 AMC546 AJC560 AJC561 AJC562 AJC563	20.40 24.00 20.40 24.00 24.00 24.60 24.60 24.60 24.00 18.90	10 x 12 10 x 11 10 x 11 10 x 11 10 x 10 10	AL BR AL BR AL BR AL BR AL	33333442222	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 14'-16' boats, all loads and skis 19' to 23' Cruisers — one or two engines 16' to 18' Cruiser — two engines 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers
fter above Serial Numbers		11 Spline HUB	AMC575-S AMC576-S AMC577-S AMC578-S AMC580-S AMC581-S AMC546-S AMC546-S AJC560-S AJC561-S AJC563-S	20.40 24.00 20.40 24.00 20.40 24.60 24.60 24.60 24.00 18.90	10 x 12 10 x 12 10 x 11 10 x 11 10 x 10 10	AL BR AL BR AL BR AL BR AL	3333334422222	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 14'-16' boats, all loads, skis 19'-23' Cruisers one or two engines 16'-18' Cruisers two engines 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers
Quicksilver lower Units								
7½ H.P.	KG-4	1950-56	KA6 KA8	17.10 18.60	5½ x 8 5¾ x Vari	BR BR	2 2	AU or BU Racing class runabout A Hydro
10 H.P.	KF7, KG7	1949-54	KB6 KB7	18.60 18.60	6 x 8½ 6 x 9½	BR BR	2 2	AU or BU class runabout B Hydro
10 H.P.	Mark "20-H"	1954-56	КВ8	18.60	5¾ x Vari	BR	2	AU or BU Racing class runabout
25 H.P.	KG9	1949-56 Page 18	KD6 KD7	23.40 23.40	71/4 x 13 71/4 x 131/2	BR BR	2 2	DU Racing Class runabout D Hydro

Prices Subject to Change Without Notice

#### LIVER

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
H.P. 5 H.P.	Challenger	1955 1955-56	V5 V115 V117 AMC590 AMC591	\$ 7.50 9.90 10.80 12.00 15.00	8 x 7 9 1/4 x 11 1/2 9 1/4 x 10 9 1/2 x 10 9 1/2 x 10	AL AL AL AL BR	2 2 2 3 3 3	All Purpose All Purpose 12'-14' boats 1-3 Passengers 14'-16' boats, loads, skis 14'-16' boats, loads, skis

#### SEA KING (Montgomery-Ward)

Single, 1.8 H.P.	377, 381, 469	}	K8 E40 E27 E4 E32	\$ 3.60 3.30 3.60 4.50 3.60	75/8 x 6 71/8 x 6 7 x 6 7 x 6 7 x 6 71/2 x 6	AL AL AL AL AL	2 2 2 2 2 2	All Purpose All Purpose All Purpose All Purpose All Purpose
Twin, 5 H.P	Thru	1950	AM120 AM121	9.30 9.30	7½ x 6½ 7½ x 7½	BR BR	3	14'-16' boats — all loads Light planing boats, light load
Twin, 5 H.P	Neutral-Forward	1951-55	J8 AM92 AM93 AM94 AM95	3.60 9.30 9.30 7.20 7.20	8 x 7½ 7¾ x 6½ 7¾ x 7 7¾ x 6½ 7¾ x 6½ 7¾ x 7	AL BR BR AL AL	2 3 3 3 3	All Purpose 14'-16' boats — all loads Light planing boats, light load 14'-16' boats — all loads Light planing boats, light load
Twin, 5 H.P	Shift-Deluxe	1955-56	J300 AM430 AM431 AM433 AM434	3.60 9.30 7.20 9.30 7.20	8 x 7½ 73/4 x 6½ 73/4 x 6½ 73/4 x 7 73/4 x 7 73/4 x 7	AL BR AL BR AL	3 3 3 3	All Purpose 14'-16' boats — all loads 14'-16' boats — all loads Light planing boats, light load Light planing boats, light load
Twin, 12 H.P.	9017 Non-Shift	1949-54	AJ20 AM240 AM242	14.40 11.70 11.70	8 <sup>3</sup> / <sub>4</sub> x 10 8 <sup>3</sup> / <sub>4</sub> x 10 <sup>1</sup> / <sub>2</sub> 8 <sup>3</sup> / <sub>4</sub> x 9	BR BR BR	2 3 3	Light planing boats, light load 12'-14' boats 1-3 Passengers 14'-16' boats, all loads, skis
Twin, 12 H.P	Shift Model	1951-56	AMC330 AMC331 AMC332 AMC333 AMC334 AJC410 AJC411 AJC412	15.00 15.00 15.00 10.80 10.80 15.00 15.00	8½ x 11 8½ x 10½ 8¾ x 9 8½ x 11 8¾ x 9 8½ x 11 8¾ x 9 8½ x 11½ 8½ x 11½	BR BR AL AL BR BR	3 3 3 3 2 2	12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis Light planing hull, light loads Light planing hull, light loads Light planing hull, light loads
Twin, 22 H.P. & 25 H.P.	Shift Model	1955-56	AJC460 AJC461 AJC462 AJC463 AJC464 AMC380	19.80 19.80 19.80 15.60 15.60 17.40	10 x 15 10 x 15½ 10 x 14 10 x 15½ 10 x 14 10 3/8 x 10	BR BR AL AL BR	2 2 2 2 3 3	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers X-Heavy boats, heavy loads, 2 or more skiers, 18'-23' Cruisers one engine
			AMC382 AMC383	17.40 12.60	10 % x 12 ½ 10 % x 11 ½	BR AL	3 3	14'-16' boats 1-4 Passengers, skis, 16'-23' Cruisers Twin engines, 16'-18' Cruiser one engine All Purpose 14'-16' boats 1-4 Passengers, skis, 16'-23' Cruisers Twin engines, 16'-18' Cruiser one engine
	*		AMC384 AMC385	15.60 12.60	11 x 10 10 % x 10	AL AL	3 3	Barges, Fish Tugs, Tow boats X-Heavy boats, heavy loads, 2 or more skiers. 18'-23' Cruisers one engine
			AMC386 AMC387 AMC388 AMC442 AMC444	12.60 17.40 12.60 17.10 17.10	9 <sup>1</sup> / <sub>4</sub> x 14 <sup>1</sup> / <sub>2</sub> 9 <sup>1</sup> / <sub>4</sub> x 14 <sup>1</sup> / <sub>2</sub> 10 <sup>3</sup> / <sub>8</sub> x 12 <sup>1</sup> / <sub>2</sub> 10 x 10	AL BR AL AL AL	3 3 4 4	12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers All Purpose 19' to 23' Cruisers — one engine
			AMC444 AMC445	17.10	10 x 11 10 x 12	AL	4	16' to 18' Cruiser — one engine 16' to 23' Cruiser — two engines

Prices Subject to Change Without Notice

#### SCOTT-ATWATER

MOTOR	MODEL No.	YEAR	Part No.	Priec	Dia, and Pitch	Metal	No. Blades	RECOMMENDATION
ll Single Cyl. Motors	1-12, 1-14	1946-56	SA10	\$ 4.20	73/8 x 6	AL	2	All Purpose
I 5 H.P. Twins	1-16	1949-53	AMC275 AMC276 AMC277		6 <sup>3</sup> / <sub>4</sub> x 7 <sup>1</sup> / <sub>2</sub> 6 <sup>3</sup> / <sub>4</sub> x 7 6 <sup>3</sup> / <sub>4</sub> x 7 <sup>1</sup> / <sub>2</sub>	BR BR AL	3 3 3	Light planing boats, light load 14'-16' boats — all loads Light planing boats, light load
H.P. Twins	Bail-A-Matic	1954-56	SAC40 AMC510 AMC511 AJC60 AJC61	5.10 7.50 10.50 10.50 10.50	7 ½ x 6 7 x 6 7 x 6 6½ x 6½ 6½ x 7	AL AL BR BR BR	2 3 3 2 2	All Purpose 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers Light planing boats, light load Light planing boats, light load
⁄ <sub>2</sub> H.P. Twins	1-20	1946-53	SA1 AJ8 AM210 AM211 SA7 AMC425 AMC426 AMC427	6.00 11.70 9.30 9.30 6.00 10.50 10.50 7.50	8 x 9 734 x 8 ½ 734 x 8 734 x 7 734 x 8 734 x 7½ 734 x 6½ 734 x 7½	AL BR BR BR AL BR AL	2 2 3 3 3 3 3 3 3 3	Light planing boats, light load AU or BU Racing class runabout 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers All Purpose with cushion Hub 12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-2 Passengers
∕₂ H.P. Twins	Bail-A-Matic	1954-56	SAC50 AMC520 AMC521 AJC65 AJC66	5.70 7.50 10.50 11.70 11.70	8 x 7 73/4 x 7 73/4 x 7 81/2 x 81/2 81/2 x 9	AL AL BR BR BR	2 3 3 2 2	All Purpose 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers Light planing boats, light load Light planing boats, light load
H.P. Twins	1-25	1950=53	AJC510 AMC435 AMC436 AMC437	11.70	7½ x 9 8½ x 7 8½ x 8 8½ x 7	BR BR BR AL	2 3 3 3	Light planing boats, light load 14'-16' boats, all load 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all load
H.P. Twins	Bail-A-Matic	1954-56	SAC60 AMC530 AMC531 AJC70 AJC71	6.60 8.40 11.70 13.20 13.20	8 1/8 x 10 8 1/4 x 9 8 1/4 x 9 7 3/4 x 10 1/2 7 3/4 x 11	AL AL BR BR BR	2 3 3 2 2	All Purpose 14'-16' boats, all load 14'-16' boats, all load Light planing boats, light load Light planing boats, light load
H.P. Twin	1-30 Right Hand Propeller	1950-55	AJC13 AJC14 SAC29 SAC30	16.80 13.20 14.40 13.20	9 x 9 9 x 9 9½ x 6½ 9½ x 6½	BR AL BR AL	2 2 3 3	Light planing boats, light loads Light planing boats, light loads 14'-16' boats, all loads, skis 14'-16' boats, all loads, skis
H.P. Twin	Bail-A-Matic Left Hand Propeller	1956	SMC35 SMC36 AJC40 AJC41	13.20 14.40 13.20 16.80	8½ x 8 8½ x 8 9 x 10 9 x 10	AL BR AL BR	3 3 2 2	14'-16' boats, all loads, skis 14'-16' boats, all loads, skis 12'-14' Runabouts, I-3 Passengers 12'-14' Runabouts, I-3 Passengers
H.P. Twin		1955	AJC100 AJC101 AMC650 AMC651 AMC652	20.40 20.40 18.00 18.00 18.00	10 x 15 10 x 14 10 x 12 10 x 11 10 x 10	BR BR BR BR	2 2 3 3 3	12'-14' Runabouts 1-2 Passengers 12'-16' Runabouts 1-4 Passengers 12'-16' Runabouts 1-4 Passengers 14'-18' Runabouts 1-4 Passengers, skis X-Heavy boats, heavy loads, 2 or more skiers 16'-23' Cruisers one engine
			AMC661 AMC663 SAC70	13.20 18.00 18.00 14.40	10 x 10 10 x 11 10 x 10 10 x 14	AL AL AL AL	3 4 4 2	X-Heavy boats, heavy loads, 2 or more skiers 16'-23' Cruisers one engine 19' to 23' Cruisers — two engines 16' to 23' Cruiser — one engine All Purpose
H.P. Twin		1956	SMC654 SMC655	15.00 18.00	10 x 13	AL BR	3	14'-16' boats, 1-5 Passengers, skis, Cruiser Twin engines 14'-16' boats 1-5 Passengers, skis, Cruiser
			SMC656 SMC657 AJC100 AJC101 AJC103 AMC650 AMC651	15.00 18.00 20.40 20.40 20.40 18.00	10 x 14 10 x 14 10 x 15 10 x 14 10 x 16 10 x 12 10 x 11	AL BR BR BR BR BR	3 3 2 2 2 2 3 3	Twin engines 12'-14' boats 1-4 Passengers 12'-14' boats 1-4 Passengers 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-4 Passengers 12'-14' Fast Runabouts 1-2 Passengers 12'-16' Runabouts, loads, skis Heavy boats, loads, two skiers, 16'-19' Cruise
			AMC661	18.00	10 x 11	AL	4	one engine Heavy boats, loads, two skiers, 16'-23' Cruise one engine 16'-18' Runabouts, 19'-23' Cruisers two
			AMC664 SAC70	18.00 14.40	10 x 12 10 x 14	AL AL	4	16'-18' Runabouts, 19'-23' Cruisers two engines All Purpose

Prices Subject to Change Without Notice

#### SEA BEE, ROYAL, BUCCANEER, SEA FLYER, ATLAS, BROOKLURE, FEDWAY, HIAWATHA

Thru 1955 Models, for 1956 see Page 12

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
ingle, 3 H.P.		1947-51	Y1	\$ 4.50	6 1/8 x 5	AL	2	All Purpose
Twin, 5 H.P		1947-50	AM120 AM121	9.30 9.30	7½ x 6½ 7½ x 7½	BR BR	3 3	14'-16' boats — all loads Light planing boats, light load
Г <mark>win, 5 Н.Р</mark>	Neutral-Forward	1951-55	J8 AM92 AM93 AM94 AM95	3.60 9.30 9.30 7.20 7.20	8 x 7½ 7¾ x 6½ 7¾ x 7 7¾ x 7 7¾ x 6½ 7¾ x 7	AL BR BR AL AL	2 3 3 3 3	All Purpose 14'-16' boats — all loads Light planing boats, light loads 14'-16' boats — all loads Light planing boats, light load
Fwin, 5 H.P	Shift-Deluxe	1955-56	J300 AM430 AM431 AM433 AM434	3.60 9.30 7.20 9.30 7.20	8 x 7½ 73/4 x 6½ 73/4 x 6½ 73/4 x 7 73/4 x 7	AL BR AL BR AL	2 3 3 3 3	All Purpose 14'-16' boats — all loads 14'-16' boats — all loads Light planing boats, light load Light planing boats, light load
rwin, 12 H.P	Non-Shift	1948-54	AJ20 AM240 AM242	14.40 11.70 11.70	8 <sup>3</sup> / <sub>4</sub> x 10 8 <sup>3</sup> / <sub>4</sub> x 10 <sup>1</sup> / <sub>2</sub> 8 <sup>3</sup> / <sub>4</sub> x 9	BR BR BR	2 3 3	Light planing boats, light load 12'-14' boats 1-3 Passengers 14'-16' boats, all loads, skis
Fwin, 12 H.P	Shift Model	1951-56	AMC330 AMC331 AMC332 AMC333 AMC334 AJC410 AJC411 AJC412	15.00 15.00 15.00 10.80 10.80 15.00 15.00	8½ x 11 8½ x 10½ 8¾ x 9 8½ x 11 8¾ x 9 8½ x 11 8½ x 11½ 8½ x 11½	BR BR AL AL BR BR	3 3 3 3 2 2 2 2 2	12'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis Light planing hull, light loads
Fwin, 22 H.P. & 25 H.P.	Shift Model	1955-56	AJC460 AJC461 AJC462 AJC463 AJC464 AMC380 AMC381	19.80 19.80 19.80 15.60 15.60 17.40 17.40 12.60	10 x 15 10 x 15 ½ 10 x 14 10 x 15 ½ 10 x 34 x 10 10 3/6 x 11 ½ 10 3/6 x 11 ½	BR BR BR AL AL BR BR	222223 3 33	12'-14' Runabouts 1-2 Passengers 14'-14' Runabouts 1-2 Passengers 14'-16' Runabouts 1-3 Passengers 12'-14' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers 14'-16' boats 1-4 Passengers X-Heavy boats, heavy loads, 2 or more skies 18'-23' Cruisers one engine 14'-16' boats 1-4 Passengers, skis, 16'-2 Cruisers Twin engines, 16'-18' Cruiser or engine All Purpose 14'-16' boats 1-4 Passengers, skis, 16'-2 Cruisers Twin engines, 16'-18' Cruiser or
			AMC384 AMC385 AMC386	15.60 12.60 12.60	11 x 10 10 3/8 x 10 9 1/4 x 14 1/2 9 1/4 x 14 1/2	AL AL	3 3	engine Barges, Fish Tugs, Tow boats X-Heavy boats, heavy loads, 2 or more skie 18'-23' Cruisers one engine 12'-14' Runabouts 1-2 Passengers
			AMC387 AMC388 AMC442 AMC444 AMC445	17.49 12.60 17.10 17.10	9 ½ x 14 ½ 10 ¾ x 12 ½ 10 x 10 10 x 11 10 x 12	BR AL AL AL	3 4 4 4	12'-14' Runabouts 1-2 Passengers All Purpose 19' to 23' Cruisers — one engine 16' to 18' Cruiser — one engine 16' to 23' Cruiser — two engine

#### WIZARD (Western Auto)

Single, 3.2 H.P		1950-51	K8	\$ 3.60	75% x 6	AL	2	All Purpose
rwin, 5 H.P	WH6	1955	K70 K71 AJ520	3.30 8.40 9.90 8.40	6 3/4 x 6 1/2 6 3/4 x 6 1/2 6 3/8 x 6 1/2	AL BR BR	2 2 2	All Purpose All Purpose JU Class Runabout — 100 lb. driver
Fwin 5 H.P.	WH6A	1956	AM400 AM401 K72	6.60	7 x 5 7 x 5	BR AL	3 2	14'-16' Runabouts 1-3 Passengers 14'-16' Runabouts 1-3 Passengers
win 5 H.P.	WHOA	1950	K73 AJ521 AM402	8.40 9.90 8.40	63/4 x 61/2 63/4 x 61/2 63/8 x 61/2 7 x 5	AL BR BR BR	2 2 3	12'-14' boats, light loads 12'-14' Boats, light loads JU Class Runabout, 100 lbs. driver 14'-16' Runabouts 1-3 Passengers
Contract the same			AM403	6.60	7 x 5	AL	3	14'-16' Runabouts 1-3 Passengers

Prices Subject to Change Without Notice

#### **WIZARD** (Western Auto Continued)

MOTOR	MODEL No.	YEAR	Part No.	Price	Dia. and Pitch	Metal	No. Blades	RECOMMENDATION
Twin, 6 H.P		Thru 1954	K15 K16 K17 K19 K21 AJ90 AM440	\$ 4.20 6.90 6.90 7.20 9.30 10.80 9.90	75/8 x 7 75/8 x 7 75/8 x 8 71/2 x 61/2 71/2 x 61/2 7 x 8 63/4 x 7	AL BR BR AL BR BR	2 2 2 3 3 3 2 3	All Purpose All Purpose All Purpose Light planning boats, light load 14'-16' boats, all load 14'-16' boats, all load JU Class Runabout — 100 lb. driver Light planing boats, light load
Twin, 10 H.P	WG7	1950-53	K40 K41 K44 AJ47 AM191 AM194	6.60 10.80 10.80 14.40 10.80 11.70	7½ x 9 7½ x 8 7½ x 9 8½ x 10 7½ x 10 8 x 8½	AL BR BR BR BR	3 3 2 3 3	All Purpose 12'-16' boats, all loads, skis All Purpose Light planing boats, light load Light planing boats, light load 14'-16' Runabouts 1-3 Passengers, skis
0 H.P. Twins	WG7A		K31 K33 AJ51 AJ55	10.80 11.70 13.20 13.20	7½ x 10 8 x 8 8¼ x 9 8¼ x 10	BR BR BR	3 3 2 2	All Purpose 14'-16' boats, all loads, skis 12'-14' Runabouts 1-2 Passengers Light planing boats, light loads
10 H.P. Twins	WJ7-WM7-WM7A	1954-56	K48 K49 AJ53 AM195	10.80 10.80 14.40 11.70	7½ x 8 7½ x 9 8½ x 9½ 8 x 8½	BR BR BR BR	3 3 2 3	12'-16' boats, all loads, skis All Purpose Light planing boats, light load 14'-16' Runabouts 1-3 Passengers, skis
Powermatic(Shift)	WH-7-WK7 WN-7-WN7A	1952-56	AJC550 AJC551 AJC552 AMC500 AMC501 AMC503 AMC540 AMC541	16.50 21.00 21.00 17.70 21.00 21.00 17.70 18.90	9 x 11 9 x 10 9 x 10 9 x 10 9 x 10 9 x 9 9 x 9 9 1/2 x 8	AL BR AL BR BR AL AL	222333334	Light planing boats, light load Light planing boats, light load 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 12'-14' Runabouts 1-2 Passengers 14'-16' boats, all loads, skis 14'-16' boats, all loads, skis X-Heavy boats, heavy loads, 1 or 2 skiers, 16'-18' Cruisers one engine, 19'-23' Cruisers Twin engine 14'-16' boats 1-4 Passengers, skis, 16'-18' Cruisers Twin engines
4 Cylinder	WA25 and WA25E	1956	AMC504 AMC505 AMC506 AMC507 AJC570 AJC571 AJC572 AMC542	17.70 21.00 17.70 21.00 16.50 21.00 21.00 18.90	9½ x 11 9½ x 11 9½ x 10 9½ x 10 9 x 12 9 x 12 9 x 12 9 x 13 9½ x 10	AL BR AL BR AL BR AL	3 3 3 2 2 2 4 4	12'-14' boats 1-4 Passengers 12'-14' boats 1-4 Passengers 14'-18' boats, passengers, skis 14'-18' boats, passengers, skis Light planing boats, light load X-Heavy boats, 16'-23' Cruisers one engine two skiers Heavy boats, 16'-23' Cruisers two engines'

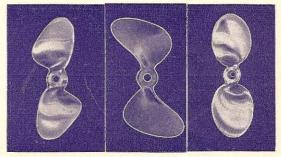
#### **CUSTOM BUILT RACING PROPELLERS FOR RACING MOTORS**

(Order by Diameter, Pitch, Motor Make and Class)

#### Hi Tensil Bronze

	DIAMETER RANGE	PITCH RANGE	PRICE
Midget Evinrude	67/s" to 7"	9" to 91/4"	\$18.00
"A" Johnson	71/2" to 73/4"	111/2" to 12"	21.60
"B" Johnson	81/4" to 81/2"	121/2" to 13"	24.00
"C" Johnson	83/4" to 9"	141/2" to 15"	24.00
"C" Evinrude	83/4" to 9"	14½" to 15"	24.00
"A" Mercury	53/4" to 61/4"	7" to 8"	18.00
"B" Mercury	53/4" to 61/4"	8" to 9"	21.00
"D" Mercury	7" to 71/4"	12" to 14"	27.00

Michigan outboard racing wheels hold more world's records and important wins than all others combined. All propeller sizes listed above are of the two blade style, from special racing design patterns and are



Custom-Built to order only. The diameter and pitch ranges indicated are normally within the range required for racing installations.

#### QUALITY FITTINGS THAT DRESS UP YOUR BOAT AND ADD TO YOUR BOATING PLEASURE



- Colonia	No.	308	PULLEY	
Plain	Brass	**********		\$1.70
Chrom	0	********		3.20
Plain	Brass,	Nylon	Wheel	1.30
Chrom	e, Nylo	n Whee	ıl	2.10



No.	318	PULLEY	
Plain	Brass	***************************************	\$2.10
Chrom	g	***************************************	3.50
		Nylon Wheel	
		on Wheel	



Plain	Brass	**********		\$1.56
Chrom	8			2.74
Piain	Brass,	Nylon	Wheel	1.06
Chrom	e, Nyl	on Whe	eI	1.60



	Mo.	332	PULLEY	
Plain	Brass			\$1.82
Chrem	e		***************************************	3.64
Plain	Brass,	Nylon	Wheel	1.36
			el	



No.	331	PULLEY	de
Plain	Brass	***************************************	\$2.20
Chrom	B		3.80
Plain	Brass,	Nylon Wheel	1.74
		n Wheel	



	and the same of	and believed that I		
No.	326	BL	OCK	
Plain B	rass			\$1.30
Chrome	************			1.8
Plain B	rass N	lon	Wheel	1.00
Chromo	Nylon	Wha	el	1.50



(1)	No.	322	Pulle	)A
Plain	Brass	***********		1.30
Chrom	0	*******		1.80
Plain	Brass,	Mylon	Wheel.	1.10
Chrom	e, Nyî	on Wh	eel	1.54



No.	313	Cleat	(13/4")
Polish	ed Al	munimum	\$ .80
Plain	Brass	***********	
Chrom	8		1.05



CHECHIC	********	***********	*******	1.95
No.	305	Cleat	(5	")
Polishe	d Alua	ninum		1.24
Plain I	Brass .	*************		.77
Chromo	*******	*********	******	1.65
-				



MO.	300	Koba	Clon	100
(3/	1600-	1/4"	Rope	()
Plain			\$	.38
Chromo	ė,			.50
	67			







-	-	and the second	A CONTRACTOR OF THE PARTY OF TH
No.	307	Cheek	Block
Plain	Brass	****************	\$1.50
Chrom	0	***********************	2.35
Plain	Brass	Hylon Whe	el 1.20
Chrom	e Mylo	n Wheel	9 00



 No. 301 ROPE GUIDE

 Plain Aluminum
 \$ .22

 Plain Brass
 .29

 Chrome
 .82



No. 319 ROPE GUIDE Plain Aluminum \_\_\_\_\_\_\$ .24



- Manager Control	
No. 303 Bow Chock	(Pr.
Polished Aluminum\$	3.08
Plain Brass	1.65
Chrome	4.00



Polish	ed Alu	minum	\$1.45
Plain	Brass		.73
Chrom	e		2.07
No.	335	CLEAT	(4")
Polish	ed Alu	minum .	\$1.78
Plain	Brass		.84

2.31

No. 334 CLEAT (3")



Chrome .....

No. 336 SKI TOW HOOK
Plain Brass, Each \_\_\_\_\_\_\$1.54
Chrome, Each \_\_\_\_\_\_ 3.42





No. 327 SHACKLE (Steel)



No. 312 SNAP CAD STEEL



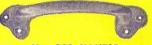


No. 309 Bow Handle

1, 221	
Plain Aluminum	1.03
Polished Aluminum	2.59
Plain Brass	1.93
Chrome	3.58



Chrome ...... 2.42



 No.
 302 HANDLE

 Polished Aluminum
 \$1.90

 Plain Brass
 .80

 Chrome
 2.50



No. 337 BOTTOM DRAIN PLUG

Bronze...\$4.40



TRANSOM DRAIN PLUG

# AQUA STYLE OUTBOARD BOAT HARDWARE

Here's pace-setting style that creates a new concept of advanced hardware design and outdates all other fittings. Aqua Style carefully matched, styled in smooth, flowing, seaborne lines, offers a new measure of luxury to highlight the beauty of any craft. To add even more dazzling glamour to these jewels of the sea, Michigan presents its Gold-Set finished in genuine 21 carat gold plate. The companion Chromeline set sparkles with glistening chrome. In either finish, the modern styling of Aqua Style's bold, forward sweeping lines spell tomorrow - today.



#### STERN HANDLE

Chrome .... \$3.00 Pair Gold ...... 6.00 Pair



Chrome ......\$3.85 Gold ......5.00



No. 357 CHOCK

Chrome .....\$3.00 Pair Gold ...... 4.50 Pair

#### No. 356 CLEAT

Chrome .... \$2,80 Pair Gold ...... 4.50 Pair



No. 350 LIGHT



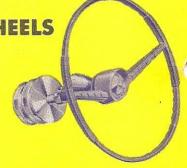
COMPLETE SET — CHROME......\$20.00
COMPLETE SET — GOLD.....\$30.00



No. 460

AQUA MASTER STEERING WHEELS

Fine quality, distinctively different steering wheels, available in a range of colors to match popular engines and boats. Chrome trim, swept back spoke, hooded medallion.



No. 470 - 480 - 490

No. 460 \$16.80

Racing type steering wheel, housing polished alum.

COLORS:

(Specify color when ordering)

Red, Blue, Green, Ivory, Black, Bronze No. 470 \$15.95

20° mounting. Used on dash with little slant.

COLORS:

(Specify color when ordering)

Red, Blue, Green, Ivory, Black, Bronze No. 480 \$15.95

35° mounting. Vertical dash for added knee room.

COLORS:

(Specify color when ordering)

Red, Blue, Green, Ivory, Black, Bronze No. 490 \$15.95

90° mounting. Used on sharply slanted dash — Outboard Cruiser Bulk Head.

COLORS:

(Specify color when ordering)

Red, Blue, Green, Ivory, Black, Bronze

#### QUALITY FITTINGS THAT DRESS UP YOUR BOAT AND ADD TO YOUR BOATING PLEASURE

No. 501 WINDSHIELD BRACKETS

- Three piece set. Grooves for \( \frac{1}{4}'' \)
glass. Glass not included. Ht. ends \( \frac{43}{4}'' \),
Center 8''.

A Polished Aluminum \$12.90

Polished Aluminum \$12.90 Chrome 17.00

#### No. 503 WRAP AROUND WINDSHIELD

Complete with aircraft plexi glass framed in chrome moulding. 12" glass height, Rubber deck channel and all fittings furnished and included in prices below. To select size measure boat deck 6" from end. When ordering specify 1 — Windshield width.

2 - Clear or green tint.

Windshield Widths	Clear	Green Tint					
42" width		\$31.50					
46", 48", 50" widths	29.95	33.75					
52", 54", 56" widths	32.95	36.95					
58", 60" widths	33.95	37.95					
62", 64" widths							
Not shown - To make DeLuxe Model add							
Polished Aluminum Win	g Bracket	s\$5.35 pr.					
Chrome Brass Wing Bra	ckets	7.25 pr.					



No. 516 TRANSOM PLATES—For motors 15 HP and smaller.

Plain Brass .......\$.84 pr. Plain Alum. .....................66 pr.

No. 515

TRANSOM PLATES— Corrugated aluminum. For all motors larger than 15 HP.

Plain Brass ....\$1.95 pr. Plain Alum. .... 1.10 pr.



No. 325
UNIVERSAL
DRIP PAN
— Aluminum.
Large enough for all motors.
Drilled ....\$2.75

#### No. 522 GAS CAN HOLDERS

Set of 3 furnished. Fastened to bottom of boat. Holds gas can in 3 places by tightening thumb screws. Use on tanks with rim on bottom. Set of 3......\$4.95



Side Mounting Runabout
Throttle
Positive, accurate speed
control
Plain Alum. \$4.80
Polished Alum. 6.90

Red Painted Alum. 6.40

Green Painted Alum, 6.40

THROTTLE

No. 509



No. 606 UNIVERSAL FLYWHEEL PULLER

Cast aluminum. Nuts and bolts included \$3.90



No. 513-514

Positive Protection for Outboard Motors. Heavy plated steel cylinder, all brass lock, with two keys.

No. 5	13	MOT	ORL	оск	fits	small
motor	s to	10 H.	P. 9"	size		\$6.00

No. 514 MOTORLOCK fits motors 10-50 H.P. 12" size.....\$8.50

No. 506 RACING THROTTLE - New



improved construction. Red crinkle or green finish (specify). Automatic cut off on pressure release.

Aluminum ....\$8.00 Painted ...... 8.80 

Quantum annum annum

No. 702 BOWDEN WIRE — Cadmium plated steel casing, wire core......\$.18 ft.



No. 703 NYCABE CABLE 3/16" Nylon covered steel 1,000-lb. test. Will not fray \$27 ft.

No. 704 NYCABE CABLE 5/32" Nylon covered steel, 1000 lb. test will not fray. Ideal for most outboards to 16'..\$.21 ft.

No. 705 POLYCABE CABLE 11/64" 920 lb. test. Steel wire covered with Blue Plastic (Poly-Vinyl) ........\$.15 ft.



No. 520 OUTBOARD TRAILER WINCH—Hi-tensil body, manganese bronze gears. Red or green finish (specify). Holds 35' 1/4" cable, offset handle \$17.60



 No. 510 FIN. (for class M & A boats).

 Area 23 sq. in. High Tensile Aluminum

 Plain \$2.00

 With Buffed Finish \$3.00

(Screw holes provided)

(Screw holes provided)

No. 512 FIN. (for class B & larger).
Area 38 sq. in. High Tensile Aluminum
Plain \$2.40
With Buffed Finish \$3.30

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#### No. 99



No. 851 — Our largest, finest cart, takes 40 HP or larger motor. Complete with bracket for gas can. Ruggedly built. Folds. Wheel size: 10" x 13/4". Shipping wt. 21 lbs. \$21.90



No. 854 — Our lowest price cart. Very popular for small or medium motors through  $7\frac{1}{2}$  HP. Does not fold. Wheel size:  $7^n$  x  $1\frac{1}{4}^n$  Shipping wt. 8 lbs. \$9.95



No. 852 — Sturdily built cart easily accommodates motors through 16 HP. With gas tank bracket. Folds. Wheel size: 8" x 13/4". Shipping wt. 17 lbs. \$16.50.



No. 525-6 MOTOR BRACKET Carry an auxiliary motor or trolling motor on your large runabout or cruiser. Cast aluminum sides, wood mounting board. Bored for 1/4" bolts. Template furnished to mark boat transom for easy installation.

No. 525 —

8½" long board, \$7.50 No. 526 —

11" long board, \$9.00 No. 531 — \$1.80 Euch

Pier Bracke'
(corner). Fo
inside corners in
constructing "T"
or "H" type
docks.



No. 530 \$5.10 Pair

PIER BRACKET — universal model—light weight—strong. Accommodates any size pipe from 1½-2" without adjustment. V-block bed assures greater rigidity than from normal setscrew brackets. Holds tight. Height easily adjusted. Accommodates any size wood dock. Of high strength cast aluminum. Cartoned, 1 pair to box.

#### **TACHOMETERS**



#### No. 206 TACHOMETER

No. 206 Tachometer (2 cycle) portable. Accurate readings from 0-8000 r.p.m. Installed by attaching to spark plug and spark wire lead....\$58.00

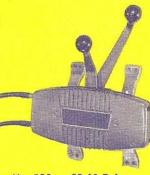
#### No. 528 TACHOMETER

No. 528 — Reed type vibrator tachometer. Easy, inexpensive way to check engine RPM. Vibrating needle is accurate within 50 RPM. \$5.00



No. 207 TACHOMETER

No. 207 Tachometer (2 cycle) permanent installation. Accurate readings 0-8000 r.p.m. Installed by attaching to magneto terminal and ground. Waterproof. \$38.00 No. 207C Tachometer same as above but for 4-cylinder Mercury \$40.00



No. 535 - \$2.40 Pair

THROTTLE BRACKET (adjustable). Makes mounting of throttle and shift controls easy and safe. Adjustable to take any standard throttle controls. This bracket will be found a real aid in mounting controls in any position on plywood and metal boats. Cast of aluminum for strength and light weight.



#### RACING JACKET

No. 170 Medium to 32" Chest

\$14.10 No. 172 Large 32"-

54" Chest.... 15.30 The Racing Jacket has new unicellular plastic inserts that are light and soft. Cushion collar of pure Kapok, Has two large pockets, with zipper closure and adjustable side straps. Material of finest Jeans cloth. Plastic inserts are removable so jacket can be cleaned. Assorted bright colors.



U.S. C. G. APPROVED VESTS

No. 142 Child's size ...... \$ 8.40 No. 140 Adult's

size ...... 10.50

CORK OR BALSA U.S. C. G. approved life preservers made to latest U.S. C. G. specification 160.-002 and 160,003. Covers ALL classes and sizes of motor

boats for PLEAS-

URE or HIRE.

Color Orange.



AQUA-MASTER LIFE SAVERS Quality Life Jackets to Assure Your Water Safety

> No. 134V-\$6.50 Sportsmen's Vestlightweight tough Jeans cloth jacket

> with cutaway feature for freedom of movement; zipper, adjustable web strap. Vinyl Sealed inserts. Fits chest 32 to 54". Assorted

colors.

versal size.



No. 130-\$6.90

Ski-jac-ette. Ladies jacket designed for water sports. Most comfortable Ladies' Life Jacket ever made. Tie strings and elastic waist bands. Finest Sail cloth or Jeans cloth in Assorted colors and patterns. Uni-



COAST GUARD APPROVED **BUOYANT VEST** 

No. 124 Child's

0-45 lbs....\$5.40 Child's 45-90 lbs. ..... 5.70

Adult ..... 7.20

New Coast Guard Approved Vests are for ALL Motor Boats of class A, 1 and 2, not carrying passengers for hire. Jackets have easily adjustable side tabs. Front closure of harness snaps and dee rings. All hardware nickelplated brass. Kapok electronically sealed in vinyl plastic inserts. Outer covering strong jeans cloth. Assorted bright colors.



LIFE PRESERVERS No. 122 Kapok Child's

0-45 lbs....\$4.20 Child's 45-90 lbs...\$4.80 Adult ..........\$6.30

No. 122V Kapok Sealed in Plastic Child's

0-45 lbs....\$4.50 Child's 45-90 lbs...\$5.10

Adult ......\$6.60 Fits snug and has strong tie tapes in front and adjustable leg straps. Made of tough Jeans Cloth. Comes in assorted colors.



No. 132 -- 5KI-JAK

Small Chest, 28-32".....\$3.90 Medium Chest, 32-38".. 4.80 Large Chest, 38-54"..... 5.40 Men's water Ski Jacket. Cool, comfortable, extra light. Strong shoulder straps and under arm athletic bands hold jacket firmly in place, and also allows complete freedom of motion. Kapolelectrically sealed in plastic aserts. Finest sailcloth or jeans Cloth in assorted colors and patterns. Comes in 3 sizes, Small (28-32" chest), Medium (32-38" chest) and Large (38-54"

chest).



No. 157 .....\$5.20 This cushion made in accordance with new Coast Guard Cushion law effective October 1, 1955. Kapok electronically sealed in four Vinyl inserts with porous gusset material that permits air to escape from cushion to eliminate ballooning and aid in drying. Size15" x 15" x 2". Assorted colors and patterns.

BUOYANT

**FULL LENGTH SEAT CUSHIONS** 

No. 150 44 x 14 x 2.....\$ 8.70

No. 151 48 x 14 x 2...... 10.50

No. 152 58 x 14 x 2 11.40

A really comfortable but tough, long-lasting, full

length seat cushion, made from paratex, the

modern cushioning material. Soft and springy, has

covering of rich leatherette with white piping and

two matching handles. Colors: Red, blue, or green.



No. 158-\$3.90

Box type cushion, approved by U.S. Coast Guard. Vinyl leatherette covering with strong welted seams. Sturdy carrying straps. Assorted colors.





No. 160

Small \$3.00 Medium ..... 4.00 Large ..... 5.40 DeLuxe motor cover. Made of finest water repellent, mildew resistant duck. Heavy duty tape ties. Small, up to 71/2 HP, Medium, 8 to 15 HP, Large, 16 to 40 HP.



No. 201 Speedometer



No. 202 Speedometer



No. 203 Speedometer



No. 204 Speedometer



No. 205 Speedometer



No. 210 Pitot Tub

#### WATER SPEEDOMETERS

No. 201, 202, 203, 205 Polished Aluminum case. Precision instruments - accurate within 1%. Corrosion Resistant Throughout. Easily installed on any outboard boat. Essential in trimming your boat, checking propellers, fuels, etc.

No. 201 Registers 0-35 mph - complete with 14' plastic tube and adjustable Pitot tube \$12.00

No. 202 Registers 10-50 mph - complete with 14' plastic tube and adjustable Pitot tube \$14.00 No. 203 Registers 10-50 mph complete with 10' plastic tube and adjustable Pitot tube. Small case designed for use on racing, runabout or boats with narrow dash .....\$10.50

No. 204 Red Steel case. Chrome Face Ring. Registers 0-35 m.p.h. - complete with 8' plastic tube and adjustable Pitot tube \_\_\_\_\_\$7.00

No. 205 Registers 20-70 mph - complete with 14" plastic tube and adjustable Pitot tube. Deluxe model \$18.90

#### SPEEDOMETER SPARE PARTS

No. 210 Pitot Tube \$2.40 (Deluxe) Complete with bracket, standard equipment for all speedometer models. Fully adjustable. Swings on impact to prevent breakage.

Plastic Tubing, per foot......\$.18



\$21.00

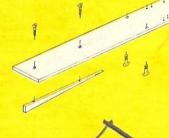


No. 90 - Finest skis made at this low price. Ideal for beginner and advanced skier. Light, tough, fast, buoyant. Suitable for use with outboard or inboard. Seven-ply moulded plywood . . . waterproof adhesive . . . adjustable binding fit any foot . . . curve of ski will not flatten out . . . bright red, durable enamel finish and yellow trim . . . each pair matched and balanced. Strong enough for most severe use. Size: 67½" long, 7" wide, 11/16" thick. Individually cartoned. Mailable to 2nd class Post Offices, 18 lbs.

No. 92 - Same as above except in natural finish in spar varnish with red and white enamel trim.

## AQUA-MASTER WATER SKIS

## for Novice or Expert





No. 100 Ski Tow Rope Strong 1/4" Manila Tow Line. Round hardwood handle, 14" long. Wood float. Rope is 60 ft. long.



Water Ski Kit

Same fine construction as No. 90 and 92 skis. Furnished complete as a kit with panels, adjustable foot pieces, screws, etc., with full instructions for attaching foot pieces and finishing. Easy to assemble.





No. 900-901

No. 900 - Pr. toe rubbers and aluminum attaching strips, complete...\$3.00 No. 901 - Pr. heel rubbers and aluminum attaching strips, complete... \$2.40