



AQUAMATIC

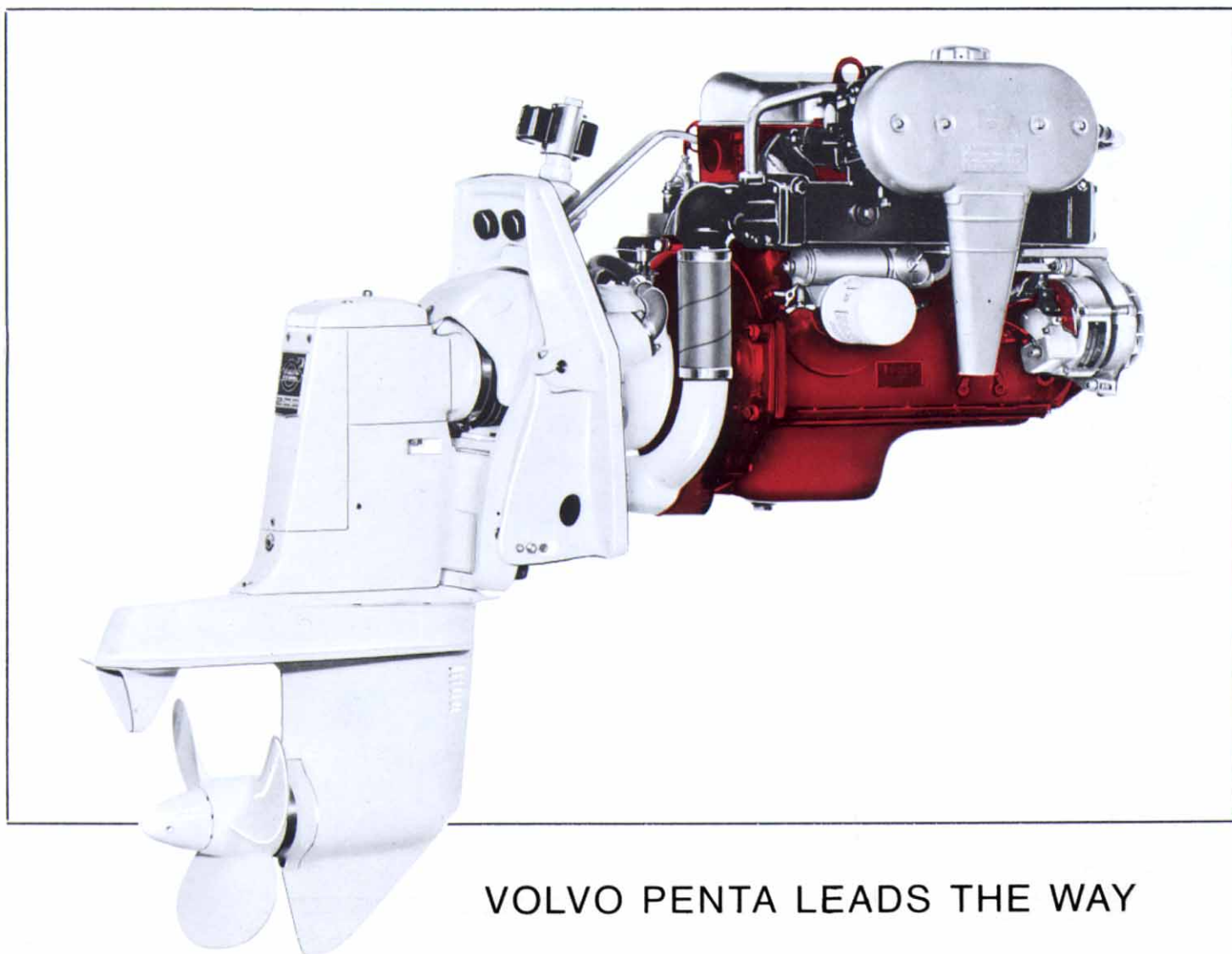
THE INBOARD ENGINE WITH OUTBOARD DRIVE

200

Volvo Penta now proudly present further new features in its world-renowned Aquamatic series in the form of an outboard drive built for more powerful engines.

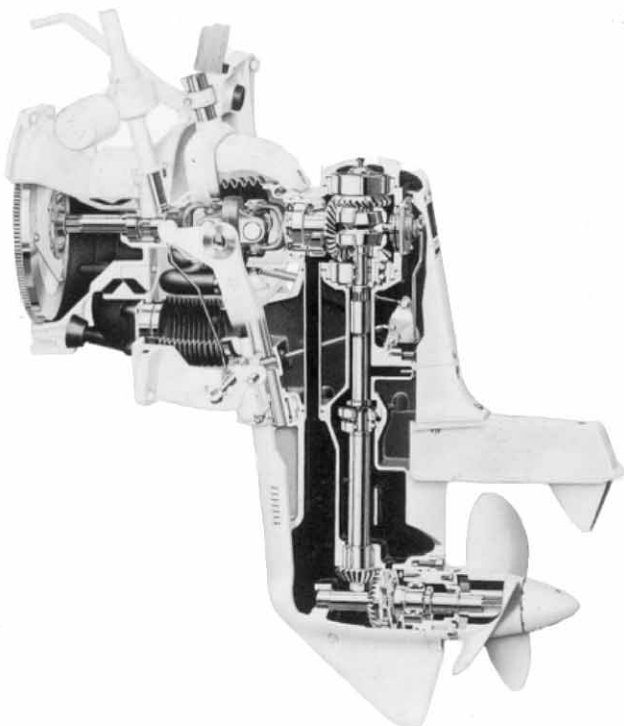
The new outboard drive has been given the designation 200 and is to go into production parallel with the existing unit which has the designation Aquamatic 100.

The 200 has a completely new exterior. It is an extremely attractive unit of exclusive design incorporating smooth surfaces without any external controls. Water outlet, exhaust, cooling water and cables being located inside the drive.



VOLVO PENTA LEADS THE WAY

AQUAMATIC 200



Installation has been simplified even further; only one hole is required in the transom for the mounting collar. This collar contains all the through-going connections for the exhaust, cooling water, water outlet, control systems and cables.

The steering mechanism is fitted entirely on the inside as well as the electric power lift which tilts the outboard drive up to 65°. The lift device, which is now standard on all Aquamatic 200 assemblies, automatically centres the drive when operated. When running at low speed the Aquamatic 200 can be run in a partly tilted-up position — a valuable asset in shallow water.

Another new interesting feature is the new locking device which prevents the outboard drive from floating out of the water when the throttle is suddenly closed at high speed but still permits the unit to tilt up should it come into contact with an underwater obstacle or a floating object such as driftwood.

Another detail is the fin-formed "silent" underwater exhaust outlet. It is designed in the form of a trim tab.

The power transmission system has now an even higher degree of efficiency through the incorporation of a new, double and permanently lubricated universal joint.

Other features include: space for a 15" propeller, right-hand or left-hand rotation, an anti-corrosion fitting between the propeller and outboard drive propeller, a strainer over the sea-water intake in the form of gill type design and hydro-dynamic design of the underwater part.

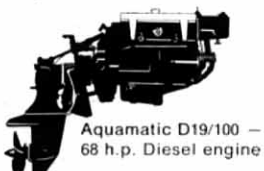
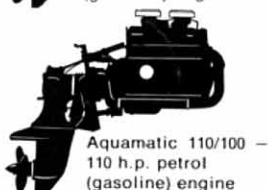
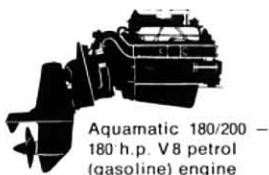
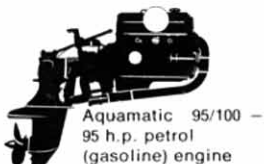
NEW COMBINATIONS

The Volvo Penta Aquamatic programme now includes two different outboard drive units, three petrol (gasoline) engines with a 180 h.p. V8 units as the latest new feature, a paraffin (kerosene) engine with a patented paraffin (kerosene) starter and two Diesel engines. The various units are available in the following standard combinations:

With Aquamatic 100 outboard drive



With Aquamatic 200 outboard drive



In connection with the introduction of the new outboard drive, certain modifications have been carried out on the Aquamatic 110/200 engine: The engine is now being fitted with horizontal carburettors which results in a lower engine than with the earlier down-draught carburetter.

Silencer type air cleaner and flame arrester.

A.C. dynamo (generator) with completely transistorized 12 V 38 A relay provides charging even at idling speed. The dynamo (generator) has enclosed slip rings with special marine surface treatment and spark-proof. One or more dynamos (generators) can be run together with the same battery or in connection with a central battery unit.

The main switch is fitted on the engine.

A new, improved moisture-proof spark coil with a cover of alkyl resin.

The connector for the cable harness between the engine and the instrument panel has been moved to a point 1.5 m (5 ft.) from the engine and this facilitates disassembly of the engine in the boat.

The engine is painted red and varnished with a transparent finish. This makes the rocker arm cover even more corrosion-proof.

Sea-water pump with a greater capacity.

A new thermostat to prevent over-heating.

Shorter exhaust system from the engine to the outboard drive which results in smaller output losses.

New ignition switch combined with the starter switch and with a "radio" position whereby the electrical equipment can be used while the engine is switched off.

AB VOLVO-PENTA

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