

# NEW I/O!

## VOLVO PENTA'S POWERFUL NEW I/O



### THE AQ 140/280D

Volvo Penta announces the addition of its newest I/O the AQ 140/280D to its line of gas and diesel I/O units. The AQ 140 offers superb operating economy. The overhead camshaft in the AQ 140's new design means more economical control of the combustion process. Less fuel is needed, fuel costs stay lower.

# AN UNUSUALLY COMPACT POWER PACK

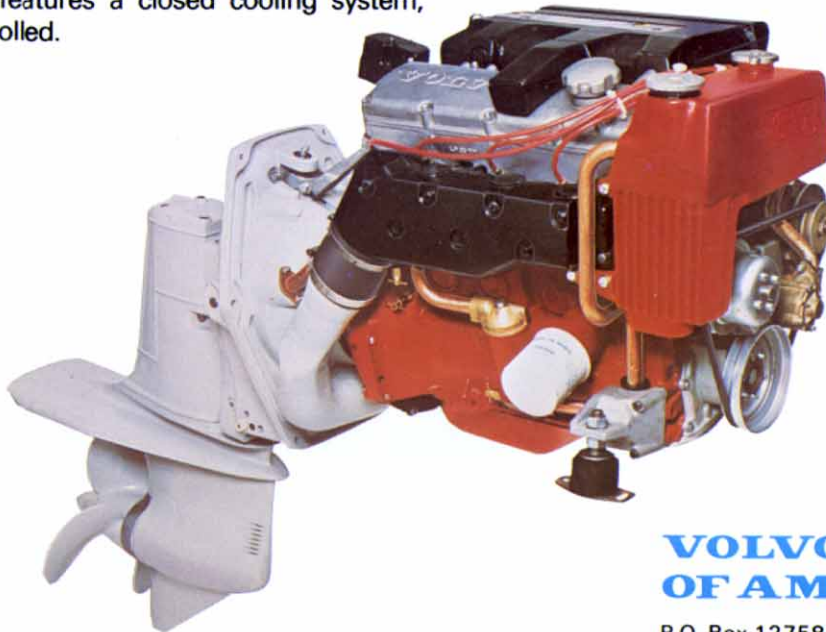
The AQ 140 requires a minimum of space because the entire assembly is tilted 20 degrees to the right. This makes it an ideal engine to provide high output performance without taking up a lot of valuable inboard space.

Additionally the AQ 140 is exceptionally good from the environmental viewpoint. Satisfied with low octane fuel – only 90 octane the AQ 140's exhaust emissions are reduced by more comprehensive combustion.

The AQ 140/280D features a closed cooling system, thermostatically controlled.

The system includes a heat exchanger, expansion tank, circulation pump and neoprene sea water pump impeller. There is also a cleanable sea water filter fitted on the expansion tank.

The cross-flow type combustion chambers admit the cold fuel/air mixture into one side of the cylinder and evacuate the hot exhaust gases from the opposite side. This allows a more complete filling of the air/fuel mixture in cylinders with subsequent higher output than that of engines with intake and exhaust ports on the same side. The belt driven overhead camshaft works directly on the valves avoiding the need for pushrods and rocker arms.



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Dimensions in mm and inches

