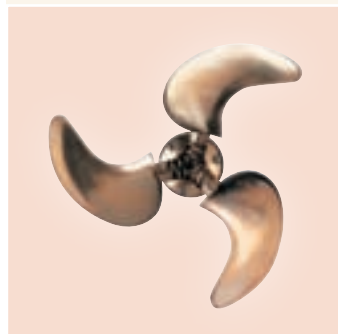


SAILBOAT ACCESSORIES 2007-2008

SAILBOAT ACCESSORIES

COMFORT, MANOEUVRING AND RELIABILITY



**VOLVO
PENTA**

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CONCENTRATE ON THE SAILING!

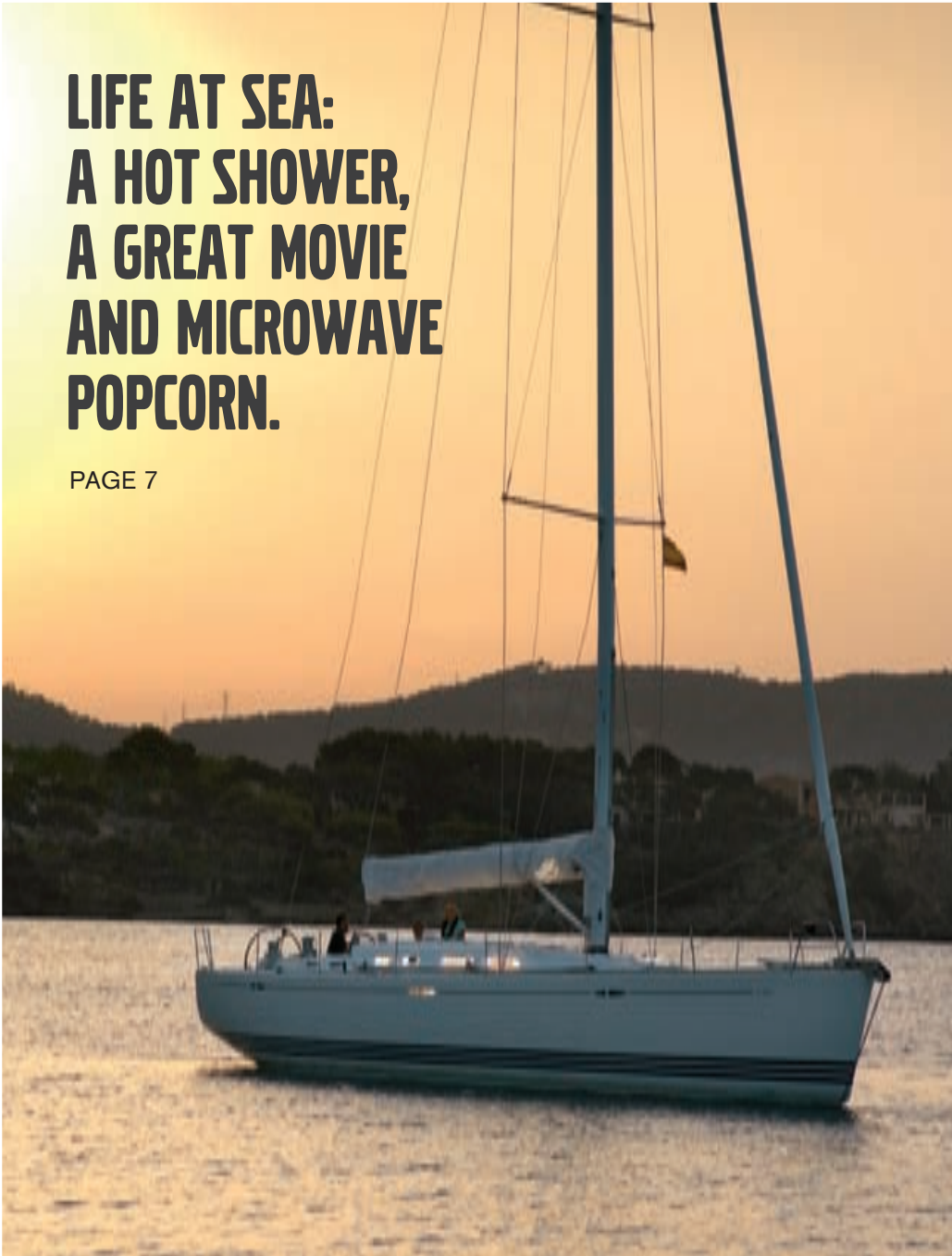
We're a leading supplier of engines to sailboat builders all over the world. And we don't stop there. Our range of accessories for sailors helps you with improved battery charging, easy docking, better onboard comfort and more.

You get quality products ready for demanding marine use – available when you order your boat or later from your dealer. What's more, you get one contact for everything: Volvo Penta dealers handle service, support and warranty for all Volvo Penta and QL products. This means easy ownership and more time for sailing!

This brochure presents accessories for the current Volvo Penta engine range. For the range of accessories suitable for other engines, contact your dealer!

LIFE AT SEA: A HOT SHOWER, A GREAT MOVIE AND MICROWAVE POPCORN.

PAGE 7



MAKING A 42 FT SAILBOAT MOVE SIDEWAYS BY REMOTE CONTROL!

PAGE 4



**HIGH
THRUST. LOW
DRAG!**

UNIQUE PROPELLER
DESIGN, PAGE 6



DRIVING AND MANOEUVRING

The full range of bow thrusters take all the worries out of docking. The system for electronic shift and throttle is smooth and precise. For the anchor handling, the leadline windlass is fully reliable and easy to use.

01



02



03



04



BOW THRUSTER (04)

The hydrodynamic design, propeller performance and efficient transmission give you maximum manoeuvring power. Built-in safety functions such as overheating protection and direction switch delay.

The Compact **CT600** and **CT900** thrusters with direct belt drive are efficient, easy to install and require almost no maintenance.

Joystick (01), lever/button or touch panel for single or multiple helms. For 12 or 24 volts.

NEW! Remote control (03). Operate the bow thruster from anywhere you want on the boat! Floating and waterproof remote control with coded radio signal.

ELECTRONIC SHIFT AND THROTTLE

Upgrade to electronic shift and throttle! You get smooth shifting and fingertip control. The system is CAN-bus-based, easy to install and requires no service.

CONTROLS

There is a wide range of top or side-mounted controls available for mechanical or electronic systems.

WINDLASS (02)

Especially designed for use with leadline. In combination with the unique active pressure roller this gives outstanding function and reliability. Available for bow or stern mounting with optional anchor holders and remote control.

INSTRUMENTATION

The information you want, at up to four different places onboard, including the availability of engine data in your chart plotter. The instruments are developed for Volvo Penta engines giving high accuracy readings and reliability.

FOR D1 AND D2 ENGINES

Standard instrumentation consists of the **tachometer with info display** (07) that gives you continuous readings of the rpm and engine running hours. Alarm with audible signals. These can be complemented with:

The EVC display (06) that shows the rpm, engine hours, charge, engine temperature and fuel level. Extra senders also give speed, water temperature and depth.

Separate instruments for charge, fuel level, engine temperature and alarms.

NMEA 2000 (05) interface to get rpm, operating time, fuel level and engine temperature in a compatible chart plotter.

FOR D3 AND D4 ENGINES

Standard instrumentation consists of the **tachometer with info display** (07). With D3/D4 you can add full trip-computer function with data such as average fuel consumption, the distance your present fuel level will take you, trip distance, speed, water level and much more.

These can be complemented with:

The EVC display (06) that shows the rpm, engine hours, charge, engine temperature and fuel level. Can be upgraded with full trip-computer function.

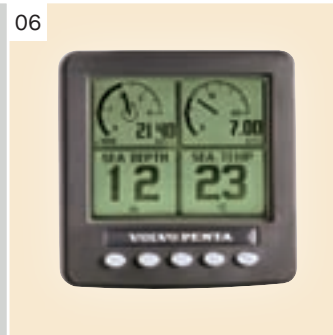
Separate instruments for charge, fuel level, engine temperature and alarms.

NMEA 2000 (05) interface to get engine data and some trip-computer functions in a compatible chart plotter.

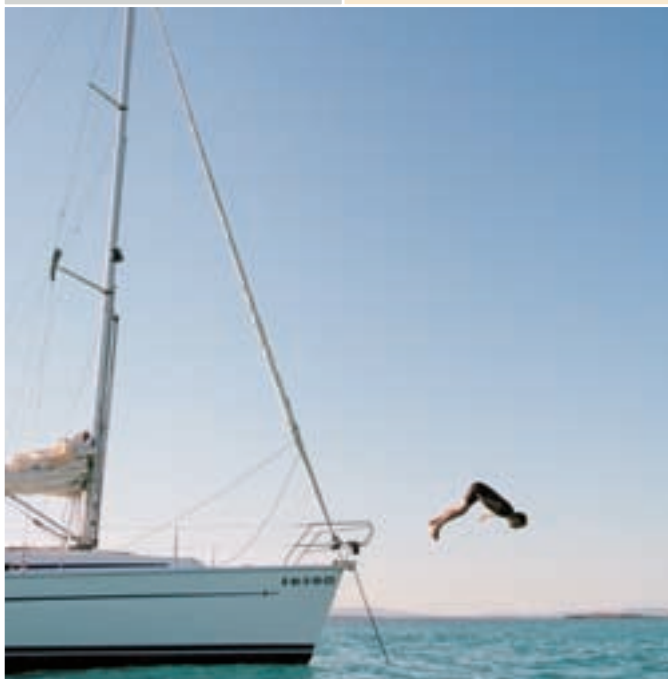
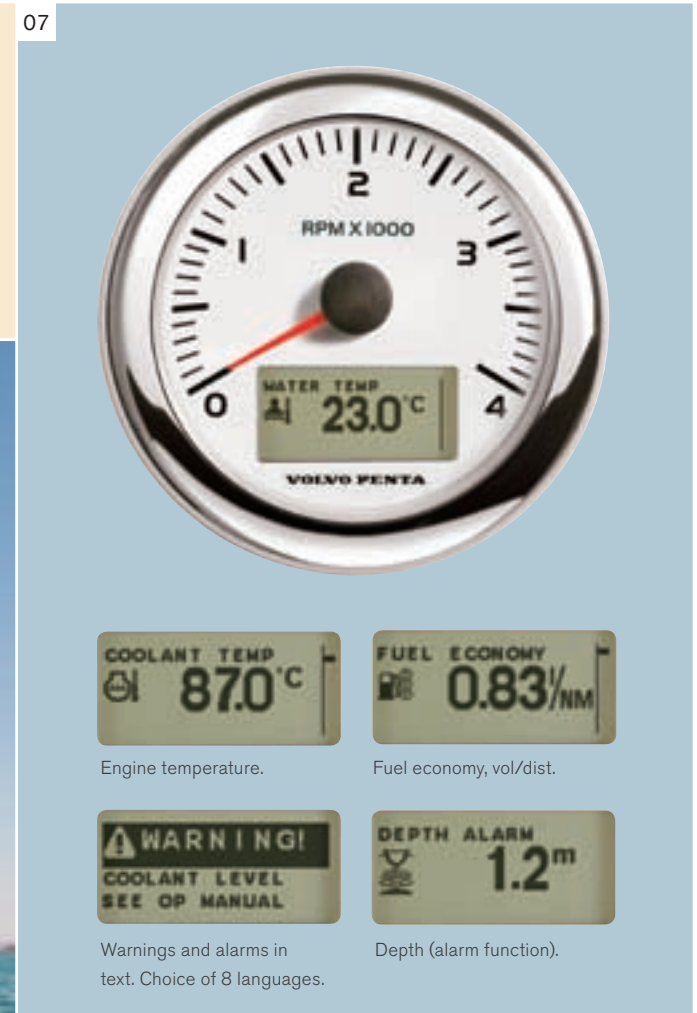
05



06

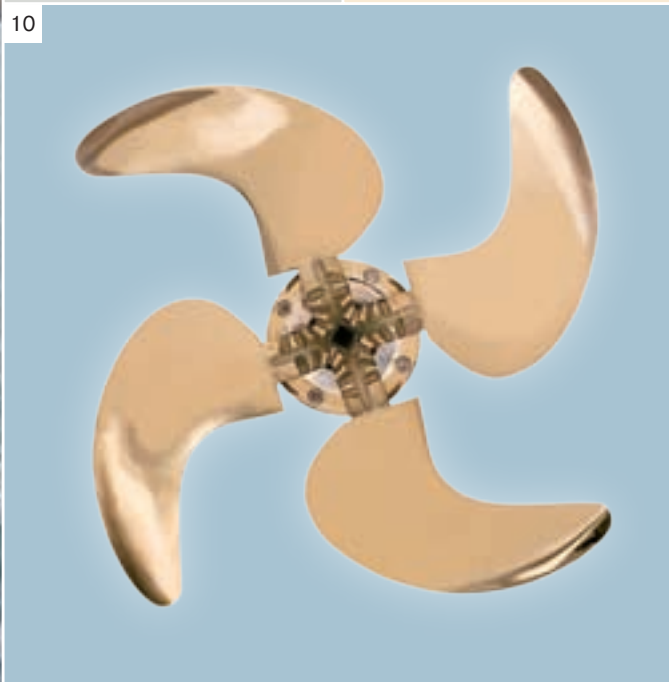
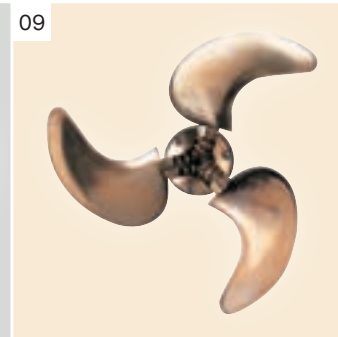


07



ENGINE ACCESSORIES

Get the most from your engine: lower drag and higher thrust, high-efficiency battery charging, and safe fuel supply with the right accessories. Since Volvo Penta knows your engine, you are better off by always choosing Genuine Volvo Penta accessories and parts.



FOLDING PROPELLERS

Minimal drag while sailing. Maximum thrust under power. Quiet, vibration-free running. Three strong reasons for the unique Volvo Penta folding propeller. Large blade area, patented elliptical profile (high skew) and dependable design with tough conical teeth are the features behind the benefits.

Range 7-120 hp:

NEW! 2-blade. For 7-40 hp. (08)

3-blade. For 25-60 hp. (09)

4-blade. For 55-120 hp. (10)

All models are available for saildrive or shaft.

PROPELLER SHAFT SYSTEM

Complete systems including the unique, high reliability and low-maintenance shaft sealing.

FUEL SYSTEM

Reliable supply of clean fuel is absolutely essential for safe engine operation. Volvo Penta supplies everything required for a reliable system.

Fuel filter. (12) Efficient pre-filters for each engine series remove water and particles. They are easy to inspect and clean for high reliability.

Diesel fuel decontaminator. Diesel fuels often contain micro-organisms that can start to grow and clog up the fuel system. The fuel decontaminator solves this problem permanently.

ELECTRICITY AND AUXILIARY

Volvo Penta engines are well equipped as standard with a powerful alternator. But as sailboats often use the engine only for short periods, and still carry lots of electricity consumers, your Volvo Penta engine may be upgraded with an extra alternator to give truly high capacity charging.

Extra alternator. (11) From 60A/12V to 140A/24V. Adapted to the capacity of each engine to ensure efficient charging regardless of engine speed.

Distributor. To handle efficient charging of multiple battery banks.

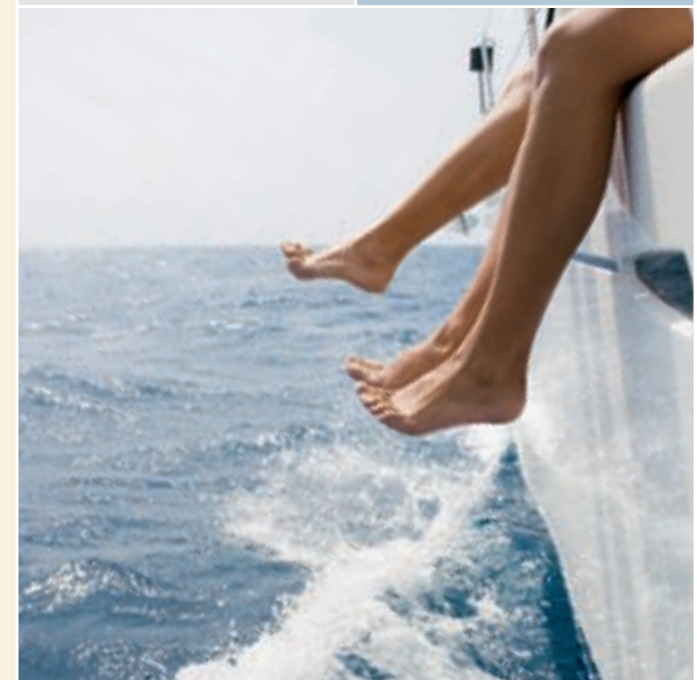
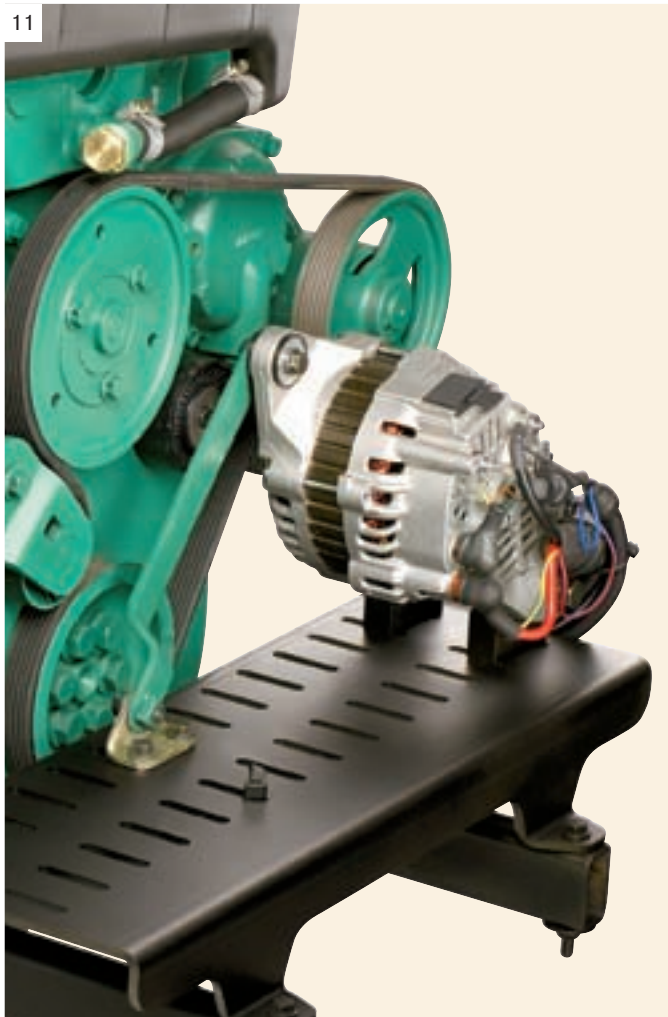
Power take-off. To drive hydraulics etc. Adapted to each engine series.

LUBRICATION, OIL AND COOLANT (13)

Developed to match the specific demands of Volvo Penta leisure boat engines. Perfect lubrication under all operating temperatures. It even maintains its quality during long periods without use. Check with your Volvo Penta dealer to get the perfect products for your engine.

EXHAUST SYSTEM

Complete systems with silencers, hoses, elbows and everything else needed. Perfectly in tune with the respective engine series.



ONBOARD COMFORT

Just-like-home water system, cabin heating that feeds off the engine and pressurized water to hose down a dirty rope, dinghy or the deck. That and more is in our range of comfort-enhancing products.



14



15



WATER SYSTEM

Reliable onboard water for a more relaxing onboard life.

Water heater. (15) Robust design in stainless steel that meets highest sanitary requirements. The water heater is easily connected to the engine cooling system to heat water by the excess engine heat, and it can also be connected to 110 or 220 V shore power. Five models from 20 to 60 litres.

Water supply pump. Reliable pumps with capacities to suit one or multiple taps. The optional filter protects the water supply pump from contamination and with an accumulator tank the water flow is more even.

AIR HEATER (14)

This one works just like the heating in your car. Perfectly integrated with your engine, it makes use of the excess engine heat and converts it to heated air which is distributed in the cabin or as a defroster.

WASH-DOWN AND FLEXI PUMPS

The wash-down pumps come complete for efficient onboard cleaning with flushing nozzle, hose connection, filter, pressure switch and non-return valve. The flexi pumps are versatile and can be used for many purposes such as deckwash, bilge pumps, to pump fresh water and diesel fuel.

SOUND-ABSORBENT

Highly efficient panels available as self-adhesive or non-adhesive and in thicknesses of 20, 30 or 50 mm.

SAFETY

Safety at sea is very much a matter of being prepared for if things go wrong. Volvo Penta automatic bilge pumps have high capacity to cope with large volumes. And the right set of spare parts and tools onboard can come to the rescue in many situations.

ONBOARD PARTS KIT (18)

A must for every serious boater! A pre-packed kit with the parts needed for the most common technical problems, such as drive belt, impeller and fuel filter. Designed for each engine series and, of course, with Genuine Volvo Penta parts.

SUBMERSIBLE BILGE PUMP (16)

An automatic bilge pump gives you maximum security, even when you are not on your boat. Six models with capacities from 30 to 130 l/min.

- Reliable watercooled motor
 - Ignition proof
 - High efficiency
 - Simple service and cleaning.
- Float switches.** Boost safety, activating the pump as soon as bilge water is detected. Mechanical or electronic.

MANUAL BILGE PUMP

For safety reasons, you should always install a manual bilge pump onboard. Up to 90 l/min by hand.

OIL ABSORBENT (17)

Pads and bilge booms for environmental disposal of petroleum spills. Super absorbent of oil, yet they do not absorb water.



ALL UNDER THE SAME ROOF

A new propeller or water heater, engine service or even repower with a new engine? It's one-stop-service and support at your Volvo Penta dealer. Available at a port close to you in more than 100 countries.



TWO BRANDS – ONE CONTACT

Volvo Penta dealers market, service and support accessories under two brand names:

Volvo Penta is the brand for parts and accessories that are integrated in the engine's or drive system's function. They are developed specifically for Volvo Penta engines or drives.

QL – Quality Line – a series of marine accessories supported by the Volvo Penta dealer network and selected independent dealers worldwide. Each product is developed and manufactured to the standards required for the demanding conditions at sea. QL is available at Volvo Penta dealers who also handle any warranty or service issue you may have.

COMPETENT SUPPORT

Modern marine engines and accessories are often highly sophisticated. The Volvo Penta dealer organization is well equipped to handle this with:

- **Well-trained dealers.**
- **On-line access to updated documentation.**
- **Back-office specialists available to support all dealers.**
- **High-efficiency logistics to secure safe supply of parts.**

ACTION SERVICE

Action Service telephone lines are open 24 hours a day, 365 days a year, ready to assist Volvo Penta owners. A multi-lingual operator helps to get qualified support from the Volvo Penta dealer network. (Available in Europe and North America.)

WHAT GOES WITH MY ENGINE

ENGINE MODEL

	D1-13	D1-20	D1-30	D2-40	D2-55	D2-75	D3-110	D4-180
Driving and manoeuvring								
Electronic shift & throttle	●	●	●	●	●	●	●	●
Windlass	●	●	●	●	●	●	●	●
Control head, EVC-engines								●
Control head and control cables, non EVC-engines	●	●	●	●	●	●	●	
Instrumentation								
Trip computer							●	●
NMEA 2000 interface	●	●	●	●	●	●	●	●
EVC Display	●	●	●	●	●	●	●	●
Tachometer with LCD display	●	●	●	●	●	●	●	●
EVC Main panel	●	●	●	●	●	●	●	●
Coolant temp	●	●	●	●	●	●	●	●
Fuel tank level (requires sensor)	●	●	●	●	●	●	●	●
Battery voltage	●	●	●	●	●	●	●	●
Alarm instrument	●	●	●	●	●	●	●	●
Engine accessories								
Propeller shaft system, incl propeller	●	●	●	●	●	●	●	●
Fuel system, incl fuel filter/water separator	●	●	●	●	●	●	●	●
Fuel decontaminator	●	●	●	●	●	●	●	●
Extra alternator		●	●	●	●	●	●	●
Charging distributor	●	●	●	●	●	●	●	●
Power take-off		●	●	●	●	●	●	●
Exhaust system components	●	●	●	●	●	●	●	●
Engine and transmission oil	●	●	●	●	●	●	●	●
Coolant	●	●	●	●	●	●	●	●
Comfort								
Water supply pump	●	●	●	●	●	●	●	●
Air heater	●	●	●	●	●	●	●	●
Wash-down and flexi pumps	●	●	●	●	●	●	●	●
Macerator pump	●	●	●	●	●	●	●	●
Sound-absorbents	●	●	●	●	●	●	●	●
Safety								
Electronic bilge pump	●	●	●	●	●	●	●	●
Manual bilge pump	●	●	●	●	●	●	●	●
Onboard kit	●	●	●	●	●	●	●	●
Oil absorbent	●	●	●	●	●	●	●	●

● Product available for marked engine.

VOLUME, LITRES

Water Heater models	20	22	30	40	60
110 V	●	●	●	●	●
220 V	●	●	●	●	●

ENGINE MODEL

Propellers	D1-13	D1-20	D1-30	D2-40	D2-55	D2-75	D3-110	D4-180
Folding propellers saildrive 2-Blade	●	●	●	●				
Folding propellers saildrive 3-Blade			●	●	●			
Folding propellers saildrive 4-Blade						●		
Folding propellers shaft 2-Blade	●	●	●	●				
Folding propellers shaft 3-Blade			●	●	●			
Folding propellers shaft 4-Blade					●	●	●	
Fixed propellers saildrive	●	●	●	●	●	●		
Fixed propellers shaft	●	●	●	●	●	●	●	●

Comprehensive propeller guide available at your dealer and on www.volvopenta.com

BOAT LENGTH, FEET

Bow Thrusters	20	25	30	35	40	45	50	55	60	65	70	75
BP 300	●	●										
CT 600		●	●	●	●							
CT 900				●	●	●	●					
BP 1200							●	●	●	●	●	
BP 1300							●	●	●	●	●	●

● Table shows recommended thruster according to boat length. Talk to your dealer or boatbuilder for exact calculations!

GETTING READY FOR ANOTHER LAP

Alicante, Spain, on 4th October 2008, sees the start of the next Volvo Ocean Race. The ultimate test for the world's offshore sailors – and Volvo Penta!

Just as before, every boat will rely on Volvo Penta engines to supply electrical power, heating, drinking water and more. Engines and accessories straight from the production line, the same products you can find at any Volvo Penta dealer. And there are many along the route!



www.volvooceanrace.org

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www.volvopenta.com