

# Hallberg-Rassy 42F Standard specification

## Certification

The boat is delivered with a CE certificate and a CE plaque for category A (unlimited ocean voyages). Furthermore the yacht is built under supervision from Germanischer Lloyd. The Hull Construction Certificate has been extended to full certification by Germanischer Lloyd. Not only the hull, deck and bulkheads are checked by GL, but also electronic installations, engine installation, rigging, steering system, safety equipment, stability range and more. The 100A5 certificate (full certification) is delivered.

## Hull and Deck

The GRP hull and deck are laminated in a HR owned factory in Kungshamn, Sweden. Laminate construction of hull: isophthalic gelcoat and isophthalic polyester is used. Hand lay-up method, insulated above water line with Divinycell PVC-foam against heat and cold. Integrated rubbing strake with brass strip. Blue decorative band in gelcoat. Strong under floor reinforcements. Lead keel with reinforcement bolted on with 15 S/S bolts. The rudder is carefully mounted for sensitive rudder feel. Strong engine foundations of GRP for effective sound insulation. Deck and coachroof areas and also cockpit are of sandwich construction, solid in parts, laminated to the hull.

## Deck and deck fittings

Deck, toerail, cockpit seats, cockpit floor and side trims in top quality teak laid in silicon rubber. Also teak hand rails full length of superstructure. Strong stem fitting with integrated anchor roller for COR anchor. Electrical windlass, 1000 W, made from bronze or stainless steel, no aluminium. CQR-anchor 60 lbs/27.3 kg. Chain 60 m, 9 mm. Stowage beneath for fenders. Two strong cleats forward, aft and midships. Double lifelines with 4 supports. Two 25 mm scuppers on each side which drain rain water overboard just above waterline. Deck inlets for water and diesel tanks are on opposite sides to avoid errors. Genoa and mainsheet tracks with blocks. Genoa block adjustable from the cockpit. Footblocks for Genoa. Selftailing genoa winches, size 58 CST, two mainsheet winches, size 40 CST. Runners, blocks and winches by Lewmar. Hatches in foredeck, toilet compartment, saloon and in aft cabin. 13 aluminium framed port holes, 11 of these are opening. A stainless steel swan neck fitting by the mast for problem free threading of existing and additional mast cables. Pulpit and pushpit have opening for easy access on board. There is a deck locker by cockpit starboard side with stowage beneath for two 6 kg gas cylinders. Further stowage in the lazarette.

## Cockpit

On starboard side there is a generous sized, dry stowage locker with storage slots for wash boards. The cockpit floor is covered with a teak grating. Wheel steering with single engine control lever. Recesses for two winch handles. Highly varnished folding teak cockpit table. Panel for engine instruments in the steering pedestal within easy reach of helmsman. Strong windscreen with opening centre section and sprayhood over front part of cockpit. The sprayhood can be rolled away neatly into a protective cover. On either side of sliding hatch there are useful teak covered work surfaces, ideal as chart tables, etc. Above the sliding hatch there is room for mounting wind instruments, log, depth sounder, etc. There is a 12 Volt socket. The companionway and cockpit chart tables are varnished. Two large cockpit drains.

## Mast and rigging

Double spreader rig by Seldén. Main boom with outhaul and two reefs. Jib furling and reefing system Seldén Furlex. Seldén rodkicker. Three winches, one for reefing, two for main and jib halyards. 7 cleats for various uses. Spinnaker boom track and all other fittings for the spinnaker equipment on mast are supplied as standard. Generous dimensions of standing and running rigging avoid fatigue during unrestricted ocean sailing. Turnbuckles from Hasselfors, aluminium protection tubes from Seldén, blocks and winches from Lewmar. Windex. Anchor light on mast top.

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## **Sails**

Mainsail and working jib made from high quality material in special Offshore quality by Elvström Sails, Denmark. Two reefs in main, battens and codes sail bags.

## **Accommodation details**

All interior woodwork in light mahogany matt silk finish. Floor is varnished teak with inlaid holly stripes. Saloon ceiling has paneling with mahogany stripes and ceilings in remainder of boat have light lining. Upholstery on all berths 10 cm thick and resting on unvarnished, well ventilated boards to avoid condensation. Hand holds are in all the right positions. The boat is carpeted throughout, except directly in front of the galley, press studs avoid movement. All portholes are fitted with curtains. Curtains also under the skylights.

## **Saloon**

The settee offers comfortable seating. On the starboard side the backrest can be lifted to enable total width to be used for sleeping accommodation. On port side the settee has a fixed backrest with lift up sections so that the space behind can be utilised. Between the settees a strong, attractive table. Headroom in saloon 2.00 m (6' 7"). As an option two easy chairs can be ordered.

## **Galley**

Working surface in laminate with strong, all round fiddle rail. Carefully insulated icebox with compressor for chilling. Extra deep, double sink. 2-Burner gas cooker with oven, well gimballed with fiddle rails and locking device for oven door and also for the cooker when in use in the marina. Safety switch on gas pipe. Crockery locker and cutlery drawer. Bread board. Room for saucepans and other kitchen utensils. There are special places for the waste bin and other items.

## **Forward head**

Access to the toilet compartment is freely available from any part of the boat without disturbing anybody. Bulkheads and lockers in white laminate. Watertight shower stall, teak grating, china wash basin and large mirror. Shower curtain. Mixer tap in washbasin is pulled out for shower use. Shower water drained by pump directly overboard without going into bilges. Hand switch for shower pump for utmost safety. Strong, reliable pump action toilet. Space for holding tank. Cupboard above and below washbasin. Ventilation through opening porthole and hatch. Headroom 1.92 (6' 4")

## **Forward Cabin**

The door to the forward cabin has been arranged in such a way to allow free movement for dressing and undressing. Two berths with ample stowage above and below and in addition a number of lockers. A hatch and opening porthole. Headroom 1.98 m (6' 6")

## **Chart Table and Walkthrough**

A comfortable chart table seat with spacious chart table. Above a bookshelf and space for mounting instruments including Radar and chart plotter etc. Electric panel to the left of the navigator. 5 drawers and stowage slots. There is a larger rubber sealed 2-door access to the engine room off the walkthrough. Headroom in the walkthrough 1.68 m (5' 6"). On portside there is a wet locker and various cupboards.

## **Aft Cabin**

Aft cabin has a hanging locker on portside and two comfortable berths, one 2.00 m long x 1.20 m wide (7' x 3' 11") and the other 2.00 long and 1.15 wide. Stowage room below and above. Seat between berths. Mirror. Headroom in hatch area 1.91 m.

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### **Aft head**

As forward toilet, but with a separate shower with seat. Ventilation through an opening window. Headroom 1.84 m (6' 1/2").

### **Engine and Engine Room**

Engine Volvo Penta TMD 22, 56 kW/76 HP 4-cylinder. Mounted with four rubber feet on strong foundations to avoid vibration and noise. Fixed 3-bladed propeller, lefthanded. Water-cooled rubber exhaust pipe. 2-circuit cooling. The hot freshwater circuit is led into a 40 L well insulated hot water tank. Due to the good insulation water remains hot for many hours after the engine has been run. The engine is served by a separate 12 V battery. There is a large filter for cold. water. The bilge pump has been installed in a position where it can be cleaned even in extremely bad weather conditions. There is space for a Diesel generator.

### **Diesel**

420 Litres in stainless steel tank, below the floor in saloon with fuel gauge. The tank is filled through deck inlet. Between tank and engine there is a further large water and coarse filter in addition to the one on the engine. The cruising range in calm waters is approx. 620 nautical miles.

### **Water**

Water capacity is 685 litres in two tanks, the main tank under the floor holding 320 litres and the extra tank under the settee 365 litres. The reserve tank is piped to main tank and controlled by a stop valve. There is a water gauge for the main tank. The water goes to a pump and then on to a large pressure equalising tank, and from there via a manifold is distributed to a 40 Litres hot water calorifier and the cold water system. As soon as a water tap is turned on the water which is under pressure in the pipes starts to flow. As soon as the pressure reduces the electric pump begins to work and will continue until the pressure is built up again after closing tap. There is a reserve foot pump in galley. Filling of water tanks is through deck inlet. Carbonfilter Manual bilge pump as well as electrical emergency bilge pump.

### **Electricity**

Two separate circuits, one with 12 Volt and 140 Ah battery for engine start and one 12 Volt 420 Ah for general use on board, the latter being covered by three batteries. Charging of batteries is by 60 A Alternator from engine. Lighting throughout the boat is located in all the important positions. There are attractive adjustable lights above berths and settee. Electrical sockets in aft cabin, saloon, forward cabin and interior cockpit. Electrical panel with circuit breakers behind chart table corner. There is a volt, water and diesel meter. International navigation lights, steaming light and anchor light with switch on the panel for extra safety. The electrical panel has provision for additional outlets. An electrical diagram is supplied with each boat.

### **Heating**

Webasto Airtop 3500 Diesel with outlets in saloon, forward cabin, toilet compartment and aft cabin. The hull is well insulated and therefore heating and consequently electrical consumption will be minimal. The heating exhaust flue is led outside through the blue decorative stripe. The heating is installed in the engine room and is easily accessible for servicing. All outlets, except in the saloon, can be regulated separately.

### **Refrigeration**

A Danfoss compressor unit for refrigeration is fitted for the icebox, which is completely encased in a metal housing and extremely economical to run. Operated from a 12 Volt supply and providing batteries are in good condition, refrigeration should last 5-6 days without recharging being necessary.

### **Ventilation**

4 hatches, 13 port holes including 11 opening ones, companionway washboards, 4 Dorade vents saloon and aft

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cabin, 2 automatic Electrolux ventilators on the fordeck and toilet compartment. Separate engine room ventilation.

### **Steering**

Wheel steering 2.5 rotations from starboard to portside. Steering wires go over guide rollers where necessary and into a friction free tube which combines safety and fine feel in the best possible way. Illuminated compass, single engine control lever on elk hide covered steering wheel.

### **Safety and General**

All outside skin fittings are speedily and securely sealed by using ball-valves with Delrin-sealer. Double hose clips are used under water. For the toilet special non-diffusing hoses are used. All electric cables are, where possible laid in special tubes and where this is not possible, cables are safely loomed away from the hull. There are large limber holes so that any water can easily drain to the bilge. The bilge is accessible by a removable floor panel without having to remove the steps. Inspection hatches for easy access to stop cocks and other hull fittings. Four fire extinguishers, one fitted to the saloon table, one in the forward cabin, one in the aft cabin and one in the cockpit locker.

### **Type of Finish**

The interior is treated with a 2-component silk finish varnish. On the outside only the woodwork under the sprayhood has been treated with clear varnish. The underwater hull has two applications of primer and two coats of antifouling.

### **Loose Equipment**

Flagstaff  
Boat hook  
6 Fenders  
4 Mooring lines, 10 m  
Emergency tiller  
Main sail cover  
3 Winch handles  
CQR-anchor, 60 lbs/27.3 kg - 60 m chain, 9 mm

### **Alternative Options At No Extra Cost**

- Hinged backrest on portside settee to enable full width of berth to be used for sleeping as on starboard settee.
- Working surface in galley in marble effect laminate instead of white laminate.
- Wash boards and chart tables in cockpit unvarnished.

For extra equipment see price list.

*Modifications reserved. Chosen extra equipment may affect this standard specification. Drawings are for orientation only. Measurements are not to be taken from these. Drawings may show optional equipment.*

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