

O'day 302

THE FUTURE IS TOday.



The 302 is very modern in appearance and performance with fully-battened mainsail, roller furling jib and wing keel all standard.



Six in the cockpit with plenty of room for more! Notice how the upper cockpit seat is angled outboard for comfort when heeling.

Living and Entertaining



The galley has ample storage for cooking utensils and foodstuffs in generously proportioned lockers and drawers.

Living space, ample headroom and privacy are all very important considerations on the O'Day 302.

When it's time to get in out of the fresh air and settle down with friends or family for a bit of refreshment or relaxation, the interior of the O'Day 302 comes alive. You'll readily appreciate the bright, airy and spacious feel of this very modern arrangement – with more living room than on conventional 30-footers. We did it by locating the head aft – which allows for more functional use of space in the mid-part of the boat.

The galley, where work space is important, is located at the point where the boat's beam is at its widest. That increases the counter surfaces and allows for the greatest amount of space for stores and cooking utensils. Placement of the galley near the maximum beam also gives the cook more foot room which means more comfort than smaller, cramped layouts. The chart table across from the stove conceals the heavily insulated four cubic foot ice chest.

We have provided a two-burner propane stove (cooktop) as standard. If you anticipate more elaborate food preparation, then order the optional stove with built-in oven.

In the mid-section there are two facing settees – one six feet in length ahead of the galley and a seven footer to starboard. There are two separate fully enclosed staterooms at opposite ends of the boat for maximum privacy for two couples.

Storage space is generous throughout. There's a hanging locker and storage drawers aft, two large drawers forward and aircraft-styled lockers hung under the deck amidship. Additionally, there is plentiful storage in the galley area: dish racks, lockers, drawers and even a hidden trash locker in the counter top.

The marine design firm of C. Raymond Hunt Associates of Boston has been responsible for nearly all O'Day boats developed since 1972. They are one of the reasons for our success.



Sailing

As a family cruiser, few boats – new or old – will match the ease of handling with the sailing performance of the new family of O'Day sailboats. A truly outstanding development has been adopted by O'Day for the 302 and the 322. That breakthrough is the patented winged Hydrokeel.™ And it really works! The Hydrokeel's hydrodynamic efficiency allows the 302 to sail anywhere there is more than four feet of water, and the keel does it while introducing the sailor to amazing lift to windward along with a smoother "shock absorbing" motion in choppy or rough waves.

In our extensive tests of the Hydrokeel, using identical O'Day's sailed side by side with equal crews, the boat with the Hydrokeel showed superior performance.

As wind and wave forces build, the Hydrokeel advantage over conventional fin-type keels becomes obvious. The boat's motion through the water is smoother and there is less heel. The Hydrokeel-equipped boat is faster and points higher. Our observation of our own Hydrokeel equipped O'Day's sailing in company with fin keel O'Day's and our testing have proven that the Hydrokeel is a true breakthrough for cruisers.



A large rudder and dependable diesel engine make maneuvering under power stress-free. Wide side decks and plenty of non-skid molded in make for sure footing when docking, anchoring or furling sail.

Also contributing to the 302's excellent handling and sailing characteristics are an excellent hull form and rudder design. Neither of these factors should be overlooked by the buyer: distorted hull shapes have allowed builders to put more inside the hull, but the payback has been difficult handling and unpredictable performance. Our sail trials and customer acceptance of the 302 have been excellent.

Other exciting aspects of the O'Day 302 under sail are her fully-battened mainsail which tacks through the eye of the wind with barely a whisper, and drops right onto the boom inside "Lazy Jacks" ready to be tied down and covered. Full length battens give better sailshape and make the main easier to handle than the conventional four-batten arrangement and keep the sail under control in light winds. In heavier air, when it is time to shorten sail, the reefed main (single-line system) drops inside the Lazy Jacks and stays neatly out of the way. All sail control lines are color coded and lead aft into the cockpit to be self-tailing winches including the reefing controls for the mainsail. The standard 140% Radial Genoa jib is on a roller reefer/furler, so sail shortening and complete sail "takedowns" can be executed from the cockpit.



Aerial view shows wide, clean decks, large cockpit and the simplicity of sail handling. Roller furling jib is complemented by easily stowed main with "Lazy Jacks."

O'day 302

SPECIFICATIONS



Sailing the 302 is as simple as it is fun. It's an easily managed boat with quality equipment that keeps sailing easy and enjoyable for small and family crews.

Properly equipping a family cruiser from the start – at the builders' yard – is the best way for you to buy a boat, and the most cost-efficient. The option list on the O'Day 302 is short because the standard boat description and standard equipment list is very long and detailed. Be sure to thoroughly examine it. It describes, without relying on glossy terms or hyperbole, just why the O'Day 302 is the best value you'll find anywhere in a 30 footer.

We enthusiastically invite comparison with any other boat. You will not find anything that comes close.

THE FUTURE IS TOday.



HULL DIMENSIONS

LOA	29'7"
LWL	24'2"
BEAM	10'0"
DRAFT	3'11"
DISPLACEMENT	7,200 Lbs.

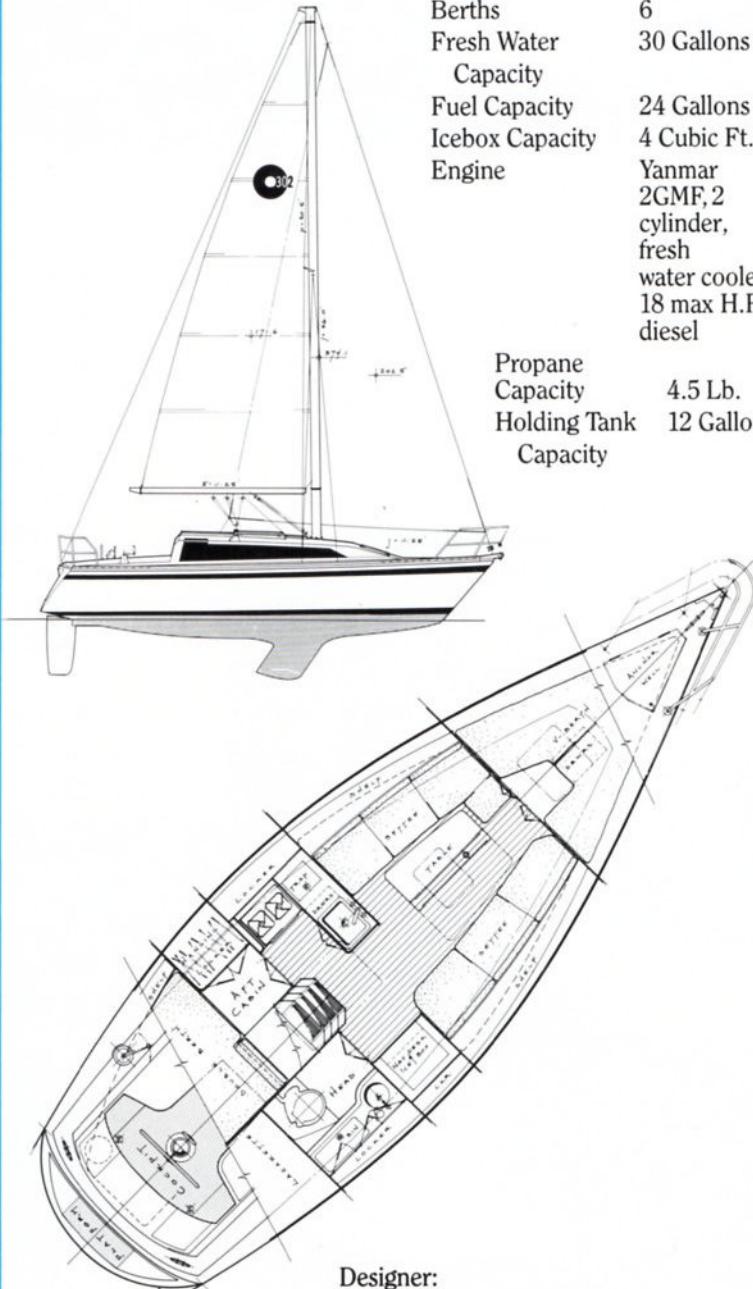
BALLAST 2,400 Lbs.

RIG DIMENSIONS

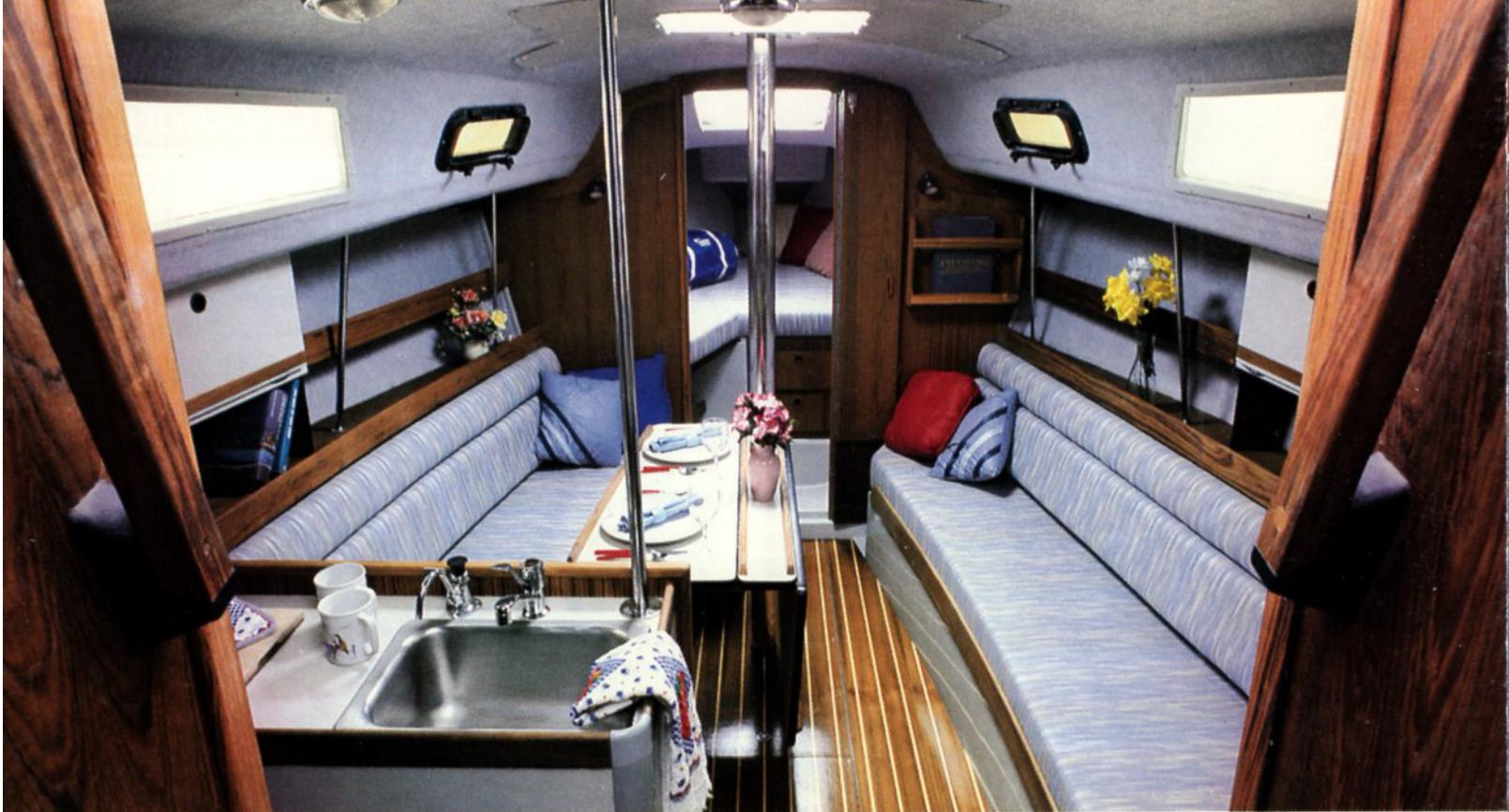
I	36'0"
J	11'3"
P	30'6"
E	11'3"
Mast Height Above DWL	41'4"
Sail Area	
Main	171.6 Sq. Ft.
Foretriangle	202.5 Sq. Ft.
Total	374.1 Sq. Ft.

MISCELLANEOUS

Berths	6
Fresh Water Capacity	30 Gallons
Fuel Capacity	24 Gallons
Icebox Capacity	4 Cubic Ft.
Engine	Yanmar 2GMF, 2 cylinder, fresh water cooled, 18 max H.P. diesel
Propane Capacity	4.5 Lb.
Holding Tank Capacity	12 Gallons



Designer:
C. Raymond Hunt Associates.



A bright, airy interior which emphasizes the intelligent use of space was the design objective in making this boat different from all others.

The chart table is also a heavily insulated 4 cu. ft. ice box. Note that O'Day electrical panels are very graphic and complete.



Below decks, the 302 is a blend of contemporary styling, colors, and finish skillfully combined with the traditional. The dominant tone is light grey, tastefully accented by teak joinery. A teak and holly main cabin sole, varnished to a warm lustre, is standard. The light grey fabric headliner adds a warm feeling while reducing noise and condensation. The boat is brightly illuminated by very large smoked plexiglass ports. The ports extend onto the coachroof aft, and serve as skylights over the aft stateroom and head. Ventilation is provided by 3 hatches, 4 opening ports and 2 solar ventilators.

The coachroof sweeps smoothly from the foredeck, giving standing headroom throughout the main cabin, head, and in the aft cabin so you can stand while dressing.

The O'Day 302 is built of modern low-maintenance materials that are easy to care for. You can spend less time working on your boat and have more time for fun. The 302 has a very sensible layout so that you have the maximum space in which to entertain and really live.

O'Day has risen to a position of major importance in building family cruising sailboats through innovative styling, very livable layouts, excellence in engineering and construction and in delivering real boating value to the buyer.

HULL AND DECK

- Hand laminated hull, utilizing bi-directional nonwoven roving and fiberglass mat; additional reinforcements in keel area.
- Highest quality NPG gelcoats for superior color retention and durability. Hull and deck colors molded in, except red decorative film accent stripe above boot top. Hull is gray with light gray sheer and boot top.
- Swim/boarding platform molded with transom; Teak step and stainless steel folding swim ladder.
- External lead wing keel mated to fiberglass stub molded with the hull. HYDROKEEL is a patented keel design proven to provide performance and stiffness equal to much deeper keels. Our tests on 2 identical O'Day 35's show Hydrokeel outperforms deep draft keels on all points of sail.
- High density foam rudder molded around a 2^{3/8}" stainless steel tube.
- Two-tone gray deck with molded nonskid; 1/2" Divinycell® core, in key hardware areas a higher density Divinycell core is used.
- Hull/deck joint is lapped, sealed with a polyurethane adhesive/sealant, bolted, and covered with an anodized aluminum gunwale protector.
- Cast stemhead with double anchor rollers and chocks, mated to a one-piece, extruded anodized aluminum slotted toerail.
- Double rail bow and stern pulpits; removable stanchions; double lifelines with gates aft, both port and starboard.
- One 10" mooring cleat forward; two 8" docking cleats aft.
- Anchor locker in foredeck.
- 8 foot x 1 1/4" genoa track with lead cars.
- Large plexiglass ports bonded to cabin side; two 4" x 14" opening ports set into plexi; rear port wraps up over cabin top for added light; solar ventilators set into cabin-top skylight.
- Cabin top traveler set on pods molded with the deck; mechanical stops.
- Lewmar aluminum-framed acrylic forward hatch with 19" x 19" opening.
- Lewmar aluminum-framed acrylic mid-cabin hatch with 12" x 17" opening.
- Color coded deck fills for fuel, water and waste. Do not require separate key for opening.
- Custom smoked plexiglass companionway hatch with matching penboards and molded seahood. Hatch slides on high density plastic runners.
- Line organizers lead mainsheet, reefs, and main halyard aft to a Barlow #19 self-tailing winch mounted on the cabin top.
- Teak handrails on custom molded bases; teak companionway hatch retainers and penboard retainers.
- 6' 9" cockpit with curved seats; faceted edges for comfort; hatch to lazarette; propane storage locker and drained storage bin under taffrail seat.
- Barlow #23 self-tailing genoa winches set in recessed pockets; winches at within easy reach of helmsman.
- Edson wheel steering system with controls, brake, pedestal guard, and 36" stainless steel wheel.
- 4 1/2" compass in pedestal.
- 4 x 14 opening port from cockpit well to aft cabin.
- Winch handle holder.

SPARS AND RIGGING

- Anodized mast and boom with internal halyards and reefs; deck stepped; single spreader double lower shroud rig for added stiffness; split backstay.
- Masthead "hat" simplifies installation of antenna and wind indicator masts.
- Two continuous reefs led to cockpit.
- Conduit with messenger for electrical wires.

All boats built by O'Day are constantly being reviewed and improved. As a result, standard equipment and options are subject to change at any time. See your dealer for the latest specifications.

The O'Day line ranges from the 17' Daysailer to Trailerable Cruisers (the O'Day 192, 222, 272, and 272LE) and O'Day Yachts (the 302, 322, 35 and 40.)

- 3 : 1 internal outhaul.
- Lazy Jacks to provide ease of furling the mainsail.
- Color coded running rigging with low stretch rope halyards.
- 7/32" 1 x 19 stainless steel cable for all standing rigging with swaged stainless and chromed-bronze turnbuckles.
- Shroud chainplates are anchored to structural floorpan via four stainless steel rods; 1/2" rods for forward lowers; 3/4" for aft lowers and uppers.
- Cast mast step with tube for electronic wires and messenger through mast support post.
- Isofurl Rod luff roller furling system. Halyard lock permits use of jib halyard for another sail and reduces chance of tangling. Drum and lock can be removed quickly for use as racing foil.
- 140% radial-cut roller furling genoa with grey acrylic suncover.
- Fully battened mainsail with two reefs, jacklines, draft stripes, and logo. The fully battened main permits excellent sail shape and ease of reducing sail.
- 10" winch handle.

INTERIOR GENERAL

- Sound absorbing gray fabric headliner throughout interior. This headliner does not absorb moisture and is treated to resist mildew.
- Molded FRP floorpan finished in gray with integral keel floors and chainplate shelves; fiberglass bonded to hull at three levels with bi-directional rovings.
- Plastic drawers.
- Teak cabinetry, except galley and head.
- Light gray laminate on horizontal surfaces and galley faces.

FORWARD CABIN

- 7' x 5' 8" V-berth with 4" fabric covered, foam cushions.
- Vee berth filler support slides to port to open up standing area.
- Custom double drawer unit under vee berth. Open storage under each side of vee berth head.
- Two dome lights.
- Triple teak doors to main salon.

MAIN CABIN

- Headroom at companionway 6' 2"; at forward bulkhead, 5' 9".
- Overhead lockers finished in gray laminate.
- Straight settee to port and starboard. Port settee, over 6'; starboard settee, over 7' long.
- Double drop-leaf table mounted on polished 3" stainless steel mast support post.
- Shelves with high searails outboard of settees.
- Varnished teak and holly cabin sole.
- Two bulkhead lamps; one dome light over table.
- 5" fabric covered, foam cushions.
- Accordion folding fabric curtains on fixed ports.

GALLEY

- Stainless steel sink with single lever, high quality chromed brass faucet; pressure hot and cold water.
- Trap in galley forward of stove for storage or trash.
- Cabinet under counter; food, dish, and utensil bins and lockers over counter.
- Two burner, stainless steel propane stove; remote solenoid shut-off. Storage locker under (except with optional oven).
- Ice box drain pumps to sink.
- Dome light over galley.

NAVIGATION AREA

- Chart table over 4 cu. ft. icebox. Heavy polyurethane foamed insulation and insulated lid.
- Variable intensity chart light; dome light over table.
- Electrical panel over chart table with easy access.

HEAD

- Large head compartment with marine toilet mated to holding tank. 6' 3" headroom.
- Molded FRP vanity with deep sink, soap dish and bin outboard.
- Mirrored plexiglass doors to storage locker over vanity; locker under vanity.
- Pressure hot and cold water; handheld shower.
- Dome light.
- Towel bar and toothbrush holder.
- Textured cabin sole with shower drain to bilge.
- Solar vent.

AFT CABIN

- Large double berth measures 6' 6" x 5' 2" with 4" fabric covered, foam cushion.
- Hanging locker.
- 2 Dome lights and high intensity bulkhead lamp.
- Ventilation from opening port and solar powered overhead vent.
- Shelf on hull above berth.
- Headroom, 6' 3".

MECHANICAL, ELECTRICAL, AND PLUMBING

- Yanmar 2GMF, 2 cylinder, 18 MAX HP fresh-water cooled marine diesel.
- 1" bronze shaft with 2-blade prop.
- Molded plastic fuel tank with gauge - 24 gallons.
- 30 gallons of water in one seamless plastic tank under the port settee.
- Two 95 amp hour batteries mounted in molded battery box under head of aft berth.
- Master 110V/12 volt electric panel at chart table with battery voltage meter; panel is hinged for easy access to wiring.
- 110V system with outlets in galley, aft stateroom, and navigation table; GFI protected.
- 50' 30 amp, marine 110V shore power cord.
- Lightning ground/bonding system.
- Fuel filter/water separator with replaceable cartridge element.
- 1" Foil faced foam engine box sound insulation.
- 6 gallon water heater operates off 110V system or engine heat exchanger.
- Electric bilge pump.
- Manual bilge pump operable from cockpit with all hatches closed.
- International navigation lights.
- Anchor light.
- Emergency tiller.

OPTIONS

- CRADLE - Wood shipping/storage cradle designed for O'Day 302.
- OVERBOARD HEAD - Through hull and diverter valve allows direct overboard discharge of head in uncontrolled waters.
- PROPANE STOVE WITH OVEN - In lieu of standard two-burner cooktop.
- SAIL COVER - Red mainsail cover protects sail when furled on boom. O'Day 302 logo on sail cover.
- SHOWER SUMP PUMP - Electric pump which pumps shower water directly overboard.
- TEAK ACCESSORY PACKAGE - Small item shelves mounted in aft cabin, forward cabin and galley; Binocular box; pencil/divider rack at chart table; magazine rack on main bulkhead; chart rack on face of icebox/nav table.
- VENTILATION PACKAGE - Combination solar/12v ventilators mounted in head and aft cabin and 4" x 14" opening hull port over berth provide air circulation at all times.