



PARACHUTE COMPANY

Established 1920

MD-3
INTERNATIONAL
LIFE RAFT

The
MD-3
INTERNATIONAL
OFFSHORE LIFE RAFT
Combining Quality, Value, & ...
A Name You Trust



The MD-3 Life Raft meets all *ISO 9650-1:2005 (E)* Part 1, Type 1, Group "A" Requirements.
The MD-3 meets **US SAILING's OFFSHORE SPECIAL REGULATIONS** for Category 1 & 2 Races and,
ISAF's OSR Governing Offshore Racing for Monohulls and Multihulls
(Appendix A Part II) requirements for Category 1 & 2 Races.

- FEATURES, EQUIPMENT, AND SPECIFICATIONS -

STANDARD FEATURES

- 30 ft. (9 m) Inflation/Mooring Line. 1,685 pound-force (7.5 kN) Breaking Strength.
- High Tensile Strength 1,685 pound-force (7.5 kN) Towing & Inflation/Mooring Line Attachment Point.
- Red indicator on Inflation/Mooring Line 3 ft. (1m) from "Firing Point".
- Inflation/Mooring Line Safety Knife.
- Twin Independent Buoyancy Chambers.
- CO₂ / N₂ Inflation System +5°F +149°F (-15°C and +65°C) Operating Range.
- Manual Topping Off Valves. (4 ea.)
- Over Pressure Relief Valves. (2 ea.)
- ◊ Raft Use Instructions. (Silk-Screened on High Visibility Raft Tube Labels)
- Rigid Boarding Step at Primary Boarding Station.
- ◊ Boarding Ladder. (1 ea.)
- ◊ Boarding Aid Handholds.
- Life Raft Righting Strap.
- Lifelines (inner).
- Lifelines (outer).
- High Visibility Fluorescent Orange Canopy with Water Resistant Closures.
- Twin Independent Canopy Support Arch Tubes with Full Seated Headroom for All Occupants.
- ◊ Blue Inner Coating on Raft Canopy.
- Two 4' Semi-circular Gull-Wing Canopy Openings.
- Heavy Duty Marine Grade Water Resistant Zippers, Canopy Closures and Ventilation Shutters.
- Rain Water Collector.
- ◊ Clear Urethane Port Lights. (2 ea.)
- SOLAS Grade Retro-Reflective Tape on Raft Canopy and Bottom.
- Automatically Activated Boarding Station Locator/External Marker Light.
- Automatically Activated Interior Light.
- Large Capacity, Weighted, Rectangular Ballast Pockets.
- Sea Anchor with Heavy Duty Swivel complying with ISO 17339.
- Heaving Ring with Floating Line 30 m. (100 ft.)
- ◊ Abrasion resistant 1,000 Denier Cordura™ Soft Valise.
- ⊙ Independent Heat Sealed Inflatable Floor. (To be Stowed in Raft)

OPTIONAL FEATURES

- Hand Laid Fiberglass Container.
- Anodized Aluminum Deck Mounting Cradle.
- USCG Approved Hydrostatic Release with Weak Link.
- Independent Drop-Stitch Inflatable Floor. (In lieu of Standard Heat Sealed Inflatable Floor)

STANDARD EQUIPMENT

- Drinking Water (3 liters) 102 fl. oz.
- USCG Approved Waterproof Flashlight 2 ea.
- Spare Flashlight Bulb 2 ea.
- Spare Flashlight "D" Cell Batteries 6 ea.
- Sponges 2 ea.
- Bailer 1 ea.
- USCG/SOLAS Red Handheld Distress Flares 3 ea.
- USCG/SOLAS Parachute Distress Flares 2 ea.
- Anti-Seasickness Pills 36 ea.
- Seasickness Bag 6 ea.
- Signaling Mirror 1 ea.
- Signaling Whistle 1 ea.
- Paddles 2 ea.
- Pressure Relief Valve Plugs 2 ea.
- Manual Inflation Pump 1 ea.
- Buoyancy Chamber Repair Clamps 3 ea.
- Floating Safety Knife (mounted on raft tube) 1 ea.

§ ADDITIONAL OPTIONAL EQUIPMENT

- ACR RapidDitch™ Express Abandon Ship Bag 1 ea.
- Drinking Water (6 liters) 203 fl. oz.
- USCG Approved First Aid Kit 1 ea.
- Sun Screen (μ SPF 50) 8 oz.
- USCG/SOLAS Red Handheld Distress Flares 3 ea.
- SOLAS Thermal Protective Aid 2 ea.
- USCG Approved Rations (60,000 kJ) 14,400 kcalories.

- Required by ISO 9650-1, Part 1: Type I.
- ⊙ Required by ISO 9650-1, Part 1: Group A;
(Raft to inflate between +5°F +149°F (-15 °C and + 65 °C))
- ⊕ Equipment Required by ISO 9650-1, Pack 1 (> 24 h);
(Packed in Abandon Ship Bag)
- ◊ In excess of ISO 9650 Requirements.
- Optional Features.
- § Abandon Ship Bag and Additional Optional Equipment are not needed to meet US Sailing's requirements for Category 1 & 2 Races.

SPECIFICATIONS

| | |
|-----------------------------------|---|
| Rated Capacity | 6 Person |
| Overload Capacity | 9 Person |
| Weight - Hard Container * | 115 lbs. (52.2 kg.) |
| Weight - Valise * | 97 lbs. (44.0 kg.) |
| Weight - Abandon Ship Bag **** | 27 lbs. (12.2 kg.) |
| Hard Container Dimensions ** | 31.75 in. l x 21 in. w x 15.5 in. h (81 cm. x 53 cm. x 36 cm.) |
| Soft Valise Dimensions *** | 30 in. l x 19 in. w x 15 in. h (76 cm. x 48 cm. x 38 cm.) |
| Abandon Ship Bag Dimensions **** | 15 in. l x 10 in. w x 15 in. h (38 cm. x 25 cm. x 38 cm.) |
| Buoyancy Tube Diameter | 9.5 in. (24.1 cm.) |
| Freeboard | 19 in. (48.3 cm) |
| Raft Inflated Dimensions | 84 in. waf. x 46 in. high (213 cm. waf. x 117 cm. high) |
| Floor Area (total) | 24 ft. ² (2.23 m ²) |
| Floor Area (per person) | 4 ft. ² (.37 m ²) |
| Buoyancy in Fresh Water | Total: 1,272 lbs. (577 kg.) |
| | Per Person: 212 lbs. (96 kg.) |
| Buoyancy in Salt Water | Total: 1,302 lbs. (591 kg.) |
| | Per Person: 217 lbs. (98 kg.) |
| Operating Pressure | 2 p.s.i. (13.8 kPa.) |
| Operating Temperature Range | +5°F +149°F (-15°C and +65°C) |
| Life Raft Hard Container Material | Hand Laid Fiberglass |
| Life Raft Soft Valise Material | 1,000 Denier Cordura™ |
| Aluminum Cradle Material | AL-6463-T55 |
| Buoyancy Tube Fabric | USCG Approved 16 oz./sq. yd. Urethane Coated Nylon Base Cloth (Exceeds MIL-C-17415-16 AA) |
| Inflation System | Single Inflation Cylinder with Carbon Dioxide (CO ₂) Nitrogen (N ₂) Gas Mixture |

* Weight may vary depending upon options.

** Optional Cradle will extend the overall installed height and width dimensions of the Hard Container by approximately two inches.

*** Weight and Dimensions may vary depending upon options.

**** Abandon Ship Bag Weight and Dimensions Include Additional Equipment Required by ISO 9650, Part 1, Equipment Pack 1 (>24 hours).

• Specifications Subject to Change Without Notice.

The MD-3 International Meets all ISO 9650-1:2005 (E) Part 1, Type 1, Group "A" Requirements & Meets US Sailing's Regulations for Category 1 and 2 events.
Valid for Life Rafts Manufactured After 01/06

Manufactured with Pride in America

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Rev: November, 2007



ISO 9001:2000 - Registered Quality Management System