



Marine evacuation system – VIKING, VES-ED, Single track slide

Item no.: VES-ED

The VES-ED system is non-SOLAS. The system can be stored almost anywhere on board and remotely released as needed

- Ability to evacuate 300 persons within 30 minutes
- Embarkation heights between 3.5 and 7.2 meters
- Available with either reduced A or B SOLAS emergency pack
- Easy to remove for service
- Direct access to the evacuation system for the evacuation area
- Flexible installation as the system can be installed at extreme forward and aft positions





Passenger

Technical Data, VES-ED

The VIKING Evacuation Slide system, VES-ED, consists of a slide with a length from 7 meters to 12 meters, a 50 persons platform, an entry door which is fixed the shipside and a Bowsing winch. The platform is connected to the slide. Additional liferafts can be positioned near the VES-ED system and released by means of a remote release system. A connection line ensures connection between additional liferafts and the inflated VES-ED system.

STOWAGE HEIGHT	Max 3.5 m and max 7.2 m above waterline in lightest seagoing condition
EVACUATION CAPACITY	300 persons within 30 min. (SOLAS regulation)
PLATFORM	50 persons self-draining platform
LIFERAFT	Approved with 25 persons open reversible liferaft with SOLAS A or B emergency pack Approved with 50 persons open reversible liferaft with SOLAS A or B emergency pack Approved with 25 persons self-righting liferaft with SOLAS A or B emergency pack Approved with 51 persons self-righting liferaft with SOLAS A or B emergency pack A-pack
LENGTH	2210 mm
DEPTH	715 mm
HEIGHT	1515 mm
WEIGHT	1400 kg. 7m slide 1600 kg. 12m slide
APPROVALS - SYSTEM	Non-SOLAS
APPROVALS - LIFERAFTS	SOLAS, IMO, USCG, MCA, EC and other national authorities
MATERIALS	
SLIDE CASSETTE	Steel
SLIDE	Nylon webbing covered with natural rubber
PLATFORM	Nylon webbing covered with natural rubber
BOWSING WINCH	Andersen 52 ST Stainless steel, AISI 316
INSULATION PLATES	Nylon, PEDH



Passenger

INTERFACE TO SHIP

The system is bolted to the ship's structure with 10 x M16 galvanized bolts

DESIGN CRITERIA

The structure is designed with safety factor 4.5 and the falls, links, blocks are designed with safety factor 6.

ACTIVATION

The system is activated by pulling the slip-hook or by means of the remote release system. The liferaft container falls into the water and the bowing of the system starts immediately. During bowing the inflation of the liferaft starts and continuously the bowing of the system proceeds until the bowing lines are pulled out of the splittubes.