



VIKING EVACUATION MINI CHUTE, VEMC 1.20 & 1.21

Technical Data, VEMC 1x100 A/B-pack system.

The VIKING Evacuation Mini Chute system, VEMC, consists of a frame, a chute-pack, a liferaft in a container, and a bowing winch. The liferaft containers are mounted on the frame by means of lashing straps. Additional liferafts can be positioned near to the VEMC system and released by means of a remote release system. The VEMC system itself can also be remote released if required. A connection line ensures connection between additional liferafts and the inflated VEC system. The system is available for both long international voyage (A-pack) and short international voyage (B-pack).

STOWAGE HEIGHT	Min. 6.1 - max. 20.2 m above waterline in lightest seagoing condition	
EVACUATION CAPACITY	582 persons within 30 min. (SOLAS regulation) with 1 EscapeWay™ chute 326 persons within 17 min. 40 sec. (SOLAS-HSC regulations) with 1 EscapeWay™ chute	
LIFERAFT	Approved with 101 persons self-righting liferaft with a SOLAS A- or B emergency pack	
	A-pack	B-pack
LENGTH	2170 mm	2170 mm
DEPTH	1520 mm	1520 mm
HEIGHT	2250 mm	2200 mm
WEIGHT	1500 kg	1200 kg
APPROVALS – SYSTEM	SOLAS 74, Reg. III/4 & III/34, as amended by IMO Res. MSC 48(66) and IMO Res. MSC 81(70) EC type approval acc. to EC Directive 96/98/EC	
APPROVALS - LIFERAFTS	SOLAS, IMO, USCG, MCA, EC and other national authorities	
MATERIALS		
SYSTEM FRAME	Steel, metallized and painted	
CHUTE SECTIONS	Outer and inner liner of synthetic fabric Each section mounted on stainless steel rings	
BOWING WINCH	Andersen 52 ST Stainless steel, AISI 329	
WIRES	Galvanized or stainless steel	
INSULATION PLATES	Nylon, PEDH	
LIFERAFTS	Nylon webbing covered with natural rubber	
LIFERAFT CONTAINER	GRP	
INTERFACE TO SHIP	The system is bolted to the ships structure with 6 pieces M20 galvanized bolts	
DESIGN CRITERIA	The structure is designed with safety factor 4.5	
ACTIVATION	The system is activated by pulling the slip-hook. By gravity acting on the liferaft container, the container will start moving down the frame and start tilting the chute package. By performing the free fall the liferaft container will pull the chute out of the chute packing. When the liferaft container is water-borne and bowsed in to position the liferaft is inflated by manually pulling the remote release line connected to the system frame. The liferaft will automatically pull the chute into the liferaft when inflating	