



VIKING Offshore

Offshore Evacuation Systems



VIKING SES-Basic Offshore Evacuation System



SPECIAL FEATURES

Light and small container appropriate for reduced spaces. Installation heights up to 25 meters and fire retardant chute.

Operational in air temperatures ranging from 0°C to +65°C. Standard capacity of 25 persons expandable with the use of additional throw overboard liferafts.



Container

The container is the structural interface to the platform deck. It protects the evacuation chute against all types of weather and consists of a load bearing welded frame for bolting onto a foundation in the deck structure.

Release system

The system is drop released using a special knife or pneumatic cutter. After the strap has been cut the stabilising weight, boarding platform and chute fall freely down to sea level.

The foundation is integrated into the deck structure, either in-deck mounted or cantilevered out from the deck edge.

Boarding platform

The boarding platform inflates automatically and acts as sea reference point where evacuees can await dry transfer to throw-overboard liferafts or fast rescue crafts.

Fire Retarding Evacuation Chute

The evacuation chute provides a simple, safe and reliable method for transferring evacuees from deck levels down to sea level. It is divided into cells with speed retarding slides running at opposing angles in a zigzag effect.

Stabilising weight

The stabilising weight is attached to 3 winch wires at the base of the chute and hangs below the waterline when deployed. It keeps the escape passage/chute taut and reduces side motion from wind and sea current.

Openings in the chute located behind each slide, provide easy entry and exit at any level.

This unit must be serviced annually.

The speed retarding slides also permit evacuees wearing lifejackets, survival suits and breathing apparatus to pass safely through the chute. The length of the chute is calculated to allow for side motion under strong wind and current conditions.



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VIKING SES-Basic Specifications

CONTAINER DATA SHEET

	Description	Value
1	Manufacturer	VIKING Life-Saving Equipment
3	Model	SES-Basic
4	Frame Materials	EN 10025 S355J2G3, only load bearing parts. Material certificates according to EN 1024, 3.1.b
5	Dimensions whole system with liferafts (mm)	L: 2090 W: 1400 H: 1380
6	Surface protection	NORSOK standard M-501, system no. 1
7	Weight (Whole system)	Approx. 1.1 Ton (**)
8	Walls and roof	Fibre glass
9	Door	Fibre glass
10	Stabilizing weight, material	Carbon steel (DIN 50049 3.1.b/2.2)
11	Stabilizing weight, surface protection	NORSOK standard M-501, system no. 2B

BOARDING PLATFORM DATA SHEET

	Description	Value
1	Manufacturer	VIKING Life-Saving Equipment
2	Model	25 UT-RS
3	Design standard	VIKING Life-Saving Equipment
4	Equipment	Delivered with 4 connection lines, 4 knives, and 4 connection rings
5	Number of boarding platforms per SES unit	1
6	Material	Rubber
7	Capacity	25 persons
8	Diameter inflated (mm)	4090
9	Dry weight	65 kg

CHUTE DATA SHEET

	Description	Value
1	Manufacturer	VIKING Life-Saving Equipment
2	Vertical distance to sea level	According to customer's installation height requirements (max. 25 meters)
3	Chute length, extended	Approx.: Installation height x 1.15 (depending on customer's environmental data)
4	Cell dimensions (mm)	D: 1550 x 1050 H: 1000
5	Material, rings	Steel – AISI 316
6	Material, net wall	DuPont™ Kevlar®
7	Material, angle slides	DuPont™ Kevlar®
8	Openings	Openings behind angle slide on every cell, except top and bottom cells. Side openings optional

* Information based on VIKING's standard delivery
 ** Varies depending on number and type of liferafts
 *** Please refer to www.VIKING-life.com for detailed information about each kind of liferaft

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