

PRODUCT DATASHEET

SRS Sewage Acceptance Unit.

Model SAU-1-20-6 | SS304 | DN150 | 20 mm screening options

DATASHEET NO.
DS-YS-SAU-20-6-R03



Illustrative rendering shown with the optional manual jib and chain block. Actual product appearance may vary.

PRODUCT OVERVIEW

The YORA SRS Receiving Filter Screen is a compact tanker-unloading pre-screen designed to intercept gross solids before wastewater enters the downstream receiving or treatment system. The DN150 inlet cam-lock penetrates the sloped end panel of the raised trapezoidal hood cover. Its internal curved drop connection directs incoming wastewater into the removable perforated basket, while screened water discharges through the fixed lower DN150 cam-lock on the opposite short end.

**HOOD-PENETRATING
INLET**

REMOVABLE SCREEN BASKET

**OPPOSITE LOWER
OUTLET**

MODEL CODING SYSTEM

Format: SAU - material code - screen opening in mm - nominal inlet/outlet size in inches

SAU	1	20	6
EQUIPMENT FAMILY Sewage Acceptance Unit	MATERIAL CODE 1 = SS304 2 = SS316	SCREEN CODE 10 / 20 / 30 / 40 / 50 Opening in mm	CONNECTION CODE Nominal size in inches 6 = 6 in / DN150

Example: SAU-1-20-6 = Sewage Acceptance Unit in SS304, with Ø20 mm screen openings and 6 in / DN150 inlet and outlet. The final connection code changes with the required nominal inch size; DN equivalent and coupling standard are confirmed for each project.

KEY FEATURES

RAISED HOOD COVER Trapezoidal hood hinged along its longer edge	DIRECT BASKET FEED DN150 inlet penetrates hood; internal bend directs flow	EASY CLEANING Removable basket for periodic solids disposal
SELECTABLE SCREENING Ø10, Ø20, Ø30, Ø40 or Ø50 mm openings	OPPOSITE DISCHARGE Lower DN150 outlet on opposite short end	OPTIONAL HANDLING Manual jib and chain block available separately

TECHNICAL DATA

SRS Sewerage acceptance unit - Model SAU-1-20-6

PARAMETER	SPECIFICATION
Service	Sewage tanker unloading / gross-solids interception
Nominal unloading duty	75 m³/h, subject to available hydraulic head and site conditions
Construction material	SS304 stainless steel
Outer housing dimensions	1200 (L) x 550 (W) x 550 (H) mm
Overall height	797 mm including the closed raised hood.
Removable basket dimensions	1100 (L) x 450 (W) x 450 (H) mm
Inlet connection	DN150 cam-lock penetrating the sloped end panel of the raised hood; internal curved drop connection directs flow into basket
Outlet connection	DN150 cam-lock quick coupler - fixed lower connection on the opposite short end
Top access	Raised trapezoidal hood with flat top and sloped panels, hinged along the longer edge; inlet cam-lock and internal bend move with the hood
Design pressure	Less than 1.0 MPa.
Installation orientation	Floor-mounted, horizontal
Screen Opening	20 mm.

STANDARD SUPPLY SCOPE

- SS304 rectangular receiving-filter housing
- Removable SS304 basket with selected perforation size
- Raised trapezoidal hood hinged along the longer edge

- DN150 inlet cam-lock through sloped hood panel with internal drop bend
- Opposite fixed lower DN150 outlet cam-lock
- Integral low-level base frame

OPTIONAL ACCESSORY - MANUAL JIB & CHAIN BLOCK



Available as a separately priced accessory for basket removal and cleaning.

- Fixed manual jib arrangement
- Manual chain block
- Maximum lifting capacity: 400 kg
- Jib height: 2000 mm
- Final lifting geometry and anchoring subject to site confirmation

Civil foundation, embedded plate, anchoring, installation and certification are by others unless specifically included in the commercial offer.

DESIGN & APPLICATION NOTES

- Flow duty depends on tanker discharge pressure, hose routing, downstream backpressure and the solids loading of the incoming wastewater.
- Basket inspection and cleaning frequency shall be established during operation according to actual solids accumulation.
- Visual disclaimer: Product images are illustrative renderings for general reference only. The appearance, proportions, finish, component arrangement and accessories of the actual supplied product may vary

SRS Sewerage acceptance unit is distributed by YORA SOLUTIONS FZCO

PRODUCT ADVANTAGES

PRACTICAL FEATURES FOR TANKER-UNLOADING OPERATIONS

01



GRAVITY-FED FLOW

02



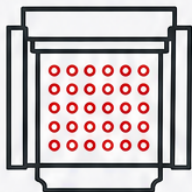
**SELECTABLE SCREEN
OPENINGS**

03



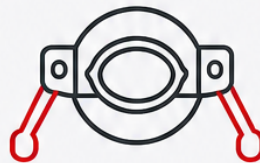
**REMOVABLE SCREEN
BASKET**

04



**COMPACT BOXED
DESIGN**

05



**QUICK CAM-LOCK
CONNECTIONS**

06



**ANTI-SPLASH
INLET**

07



**ENCLOSED HOOD
SYSTEM**

08



**OVERFLOW-CONTROL
HOOD**

09



OPTIONAL
**OPTIONAL MANUAL
LIFTING**

10



**SECURE COVER
LOCKING**

11



**WIDE-OPENING
COVER**

12



**CONFIGURED
TO ORDER**