

Alfa Laval Tank covers rectangular, Type R

Tank covers

Introduction

The Alfa Laval Access Tank Cover - Rectangular Type R is a stainless steel manway cover that provides a secure fit for openings on the sides of washing machines, static tanks or vessels. It offers a quick, easy and convenient means of entry and egress to tank interiors. It also provides a closeable means of access, situated above or below the liquid level, to the interior of the vessel.

Application

The Access Tank Cover - Rectangular Type R is designed for use on sides of tanks or vessels in hygienic applications across the wine, juice, beverage and many other industries. These rectangular tank covers are suitable for use in bottling and washing machines and industries, such as the wine and juice industries, where the occasional removal of product from the bottom of a tank is required.

Benefits

- Easy access
- Hygienic option

Standard design

The Access Tank Cover - Rectangular Type R consists of stainless steel lid, frame, hinges, opening knob, clamps and seals. The construction varies, depending on the model. To enable visual inspection and/or physical entry into the tank, the tank cover swings outwards. Tank covers can be positioned above and below liquid level to meet different application requirements. 3.1 Material Certification in accordance with EN 10204 is supplied.

Working principle

Open the cover by loosening the handle. This range includes covers with various openings.

Certificates

3.1 (cover and frame are supplied with material certificate 3.1 according to EN10204).



Technical data

Installation

In order to obtain a perfect seal and correct function, it is essential that the frame is welded carefully and correctly. After welding always control that the sealing is in full contact with the sealing surface.

PHYSICAL DATA

Materials

Steel parts:	1.4301 (304) or 1.4404 (316L)
Plastic parts:	Nylon
Seal:	EPDM, NBR or FPM

Cover finish

Internal:	Ra < 0.8 µm
-----------	-------------

Frame finish:

Brushed

Internal:	Ra < 0.8 µm (RH hygienic type)
External:	Ra ≥ 3.0 µm

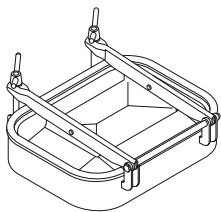
Temperature

EPDM:	-15 °C / 90 °C
NBR:	-30 °C / 110 °C
SILICONE (Q):	-50 °C / 200 °C
FPM:	-10 °C / 250 °C

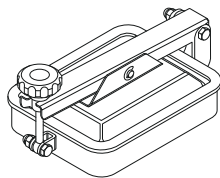
Covers placed below liquid level

Cover shape	Type	Function	Pressure Range ¹	Relief Valve
			bar	(option)
Rectangular	R-235x185	Washing machines	0.5	
Rectangular	R-440x332	Static tank and Washing machines	0.5	
Rectangular	R-555x432	Static tank and Washing machines	1.0	
Rectangular	R-332x440	Static tank and Washing machines	0.5	
Rectangular	R-432x555	Static tank and Washing machines	0.8	

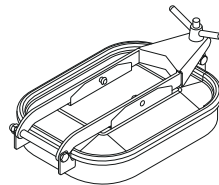
¹ Calculated max. pressure (bar).



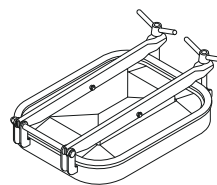
R-432x555



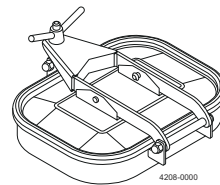
R-235x185



R-440x332



R-555x432



R-332x440

This document and its contents are subject to copyrights and other intellectual property rights owned by Alfa Laval AB (publ) or any of its affiliates (jointly "Alfa Laval"). No part of this document may be copied, re-produced or transmitted in any form or by any means, or for any purpose, without Alfa Laval's prior express written permission. Information and services provided in this document are made as a benefit and service to the user, and no representations or warranties are made about the accuracy or suitability of this information and these services for any purpose. All rights are reserved.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com