

Product Data Sheet

Vacuum Condensate Drain CDMV..

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Author: Manfred Loy

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Field of application

Manual condensate drains series CDMV are designed for discharging small to medium amounts of liquids out of filter housings, operated with vacuum. The condensate drains are mounted outside the filter housing from which the liquid is to be discharged (external drain) and must be directly connected (free passage).

Features

Condensate drains series CDMV have their own vacuum-proof housing and therefore an integrated liquid collecting vessel (flask).

Condensate, generated in a vacuum-operated filter, enters the flask, which is also under vacuum, by gravity forces. When reaching the maximum collecting volume of the flask, the condensate drain is disconnected from the vacuum by the manual valve. When releasing the flask from its top cap the vacuum inside the flask disappears – the flask can be taken away and emptied.

If required, the flask can be sterilised before next use.

The condensate drains are mounted using the G 1/2 connection thread at the inlet. The required manual valve for disconnecting the flask from the vacuum is supplied with the drain and already installed.



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Specifications subject to change without notice

Date 13.07.2018

Latest version see www.fstweb.de

Basic Data

Models	Nominal volume flow*1	Min./Max. operating pressure	Min./max. Operating temperature
CDMV70	---	0.02 bar(a) – 2 bar(a)	+2°C - +65°C (Sterilisation max. +145°C)
CDMV90	---		

Maintenance rules

All models	Cleaning and replacement if required (depending on the contamination of the condensate)
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Product-specific data

Specification	
Collecting volume	CDMV70: 100 ml CDMV90: 250 ml

Materials

Component	
Flask	Glass (Borosilicate), PP (Polypropylene)
Fittings	Brass, nickel coated

Dimensions and weight

Model	Connection	Height	Ø	Weight
CDMV70	G 1/2	155 mm	56 mm	0.33 kg
CDMV90	G 1/2	193 mm	70 mm	0.40 kg

Classification according to Pressure Equipment Directive 2014/68/EU for group 2 fluids

Model	Volume	Category
All models	Vacuum condensate drains are not part of the Pressure Equipment Directive 2014/68/EU (maximum operating pressure ≤ 0.5 bar)	

Other Directives

Model	
All models	DIN EN ISO 4796-1 : Laboratory glassware – Bottles – Part1: Screw neck bottles