

RELIABLE FILTRATION



HOBRA-CIP

SANITATION STATION

HOBRA ŠKOLNÍK

FILTRATION MEDIA
FILTRATION EQUIPMENT AND TECHNOLOGIES



HOBRA-CIP sanitation station

The HOBRA-CIP sanitation station is designed for the cleaning of cartridge (membrane) filters including the columns, storage tanks, filling lines and other possible food industry technologies. On the basis of the specific application, the HOBRA-CIP sanitation station may be equipped with the CANDECOL 1/3 VS membrane cartridge filter for the filtration of service water, storage tanks with a lid, controlled water heating (heater with thermostat), flooding level sensor, Ebara 2CDX 70/15 pump, control valve, sight glass flow meter, filter for mechanical impurities, 4 hose adapters for threaded necks and DN 25 interconnecting stainless steel piping and electrical equipment – all on a movable stainless steel frame. For the interconnection of the CIP station with individual filters or other technologies we recommend using food industry hoses.

The accessories include a selection of both stationary and rotary heads for the jetting of tanks, barrels etc. The HOBRA-CIP sanitation station is designed to enable the following sanitation operations:

1. Sterilisation of membrane filter cartridges by means of hot water
2. Washing of filter candles by warm water
3. Chemical sanitation of the cartridges
4. Sanitation of filtration equipment
5. Sanitation of technological piping and filling lines and other possible technologies

Material used - stainless steel AISI 304. Surface finish - electrochemical polish and mechanical grinding and polishing. On the basis of the requirements of the specific plants we also produce additional modifications on CIP sanitation stations with respect to the required performance, technology, capacity etc.

HOBRA-CIP 120 sanitation station

Performance information::

Power of the pump:

from Q = 20 L/min., H = 52,5 m

to Q = 80 L/min., H = 38 m

Power of the heater:

20 - 80 °C - 9 kW

Storage tank volume:

120 L

Information about the materials used:

Travel frame - 1.4301

Storage tank - 1.4301

Filtration equipment CANDECOL 1/3 VS - 1.4301

Fitting components - 1.4301

Pump diffuser - 1.4301

Level operated switch - PVDF

Various modifications of the HOBRA-CIP station are possible on the basis of the customer's specific requirements. If you need more detailed information, please contact our sales specialists. You will find all required contacts at www.hobra.cz.

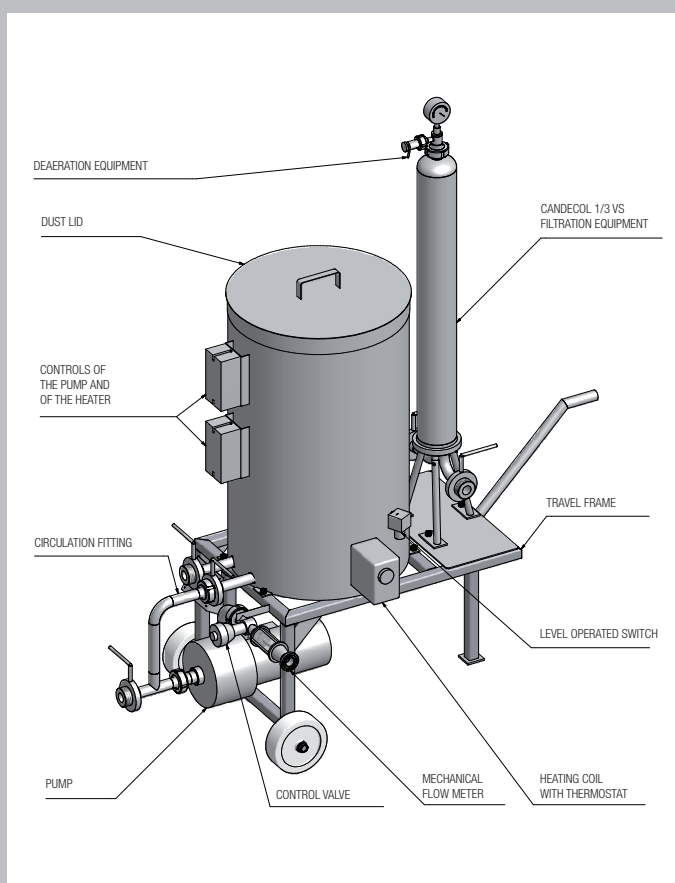


Figure 1: Description of HOBRA-CIP 120