



EPCOVAP[®]-MVR COMPACT EVAPORATORS

It's all about separation

The EPCOVAP®-MVR separates the feed flow into a concentrate and a clean condensate by evaporating the water from the solids.

30 years of experience

EPCON delivered its first MVR evaporator in the mid 1980s. Since then our evaporation technology has developed a lot.



Did you know that the EPCOVAP®-MVR can reduce your wastewater flow by 90-99%?

EPCON has a long time experience and know-how in energy efficient MVR evaporation of wastewaters and rinse waters from many industries.

- ✓ The main output from the EPCOVAP-MVR is distilled water.
- ✓ The treated water can be discharged or re-used as process water.
- ✓ Very low energy consumption.

EPCOVAP® for liquid product concentration

With roots back in the dairy industry, EPCON Evaporation Technology AS has long experience from concentrating liquids from a variety of industries.

The EPCOVAP® evaporator can be delivered according to industrial standard or according to sanitary standard.

The low energy consumption often results in a short payback time when replacing existing TVR or multiple effect evaporators.



Support you can trust during entire lifecycle

Additionally to our close support during planning and execution phase, EPCON offers all customers a 24-hour After Sales services that include trouble-shooting, spare parts, preventive and corrective maintenance, as well as inspection of the installation on a regular basis.

Each EPCOVAP®-MVR unit is engineered to the customers application

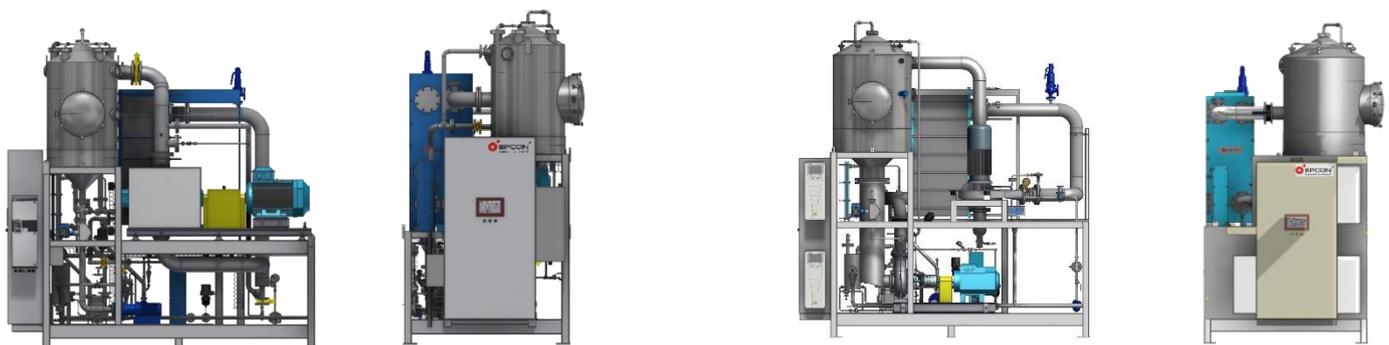
Based on 6 sizes each unit is engineered to fit the customers application. The main components such as MVR blower(s), pump and heat exchanger are sized in order to make each application work in an optimal way.

The table below shows maximum evaporation capacity of the different units:

EPCOVAP®-MVR-	4	8	10	15	25	40	
Evaporation at 95°C	400	800	1000	1500	2500	-	kg/h
Evaporation at 80°C	280	550	700	1200	2000	2500	kg/h
Evaporation at 70°C	180	350	500	850	1300	2500	kg/h
Evaporation at 60°C	110	220	320	550	850	1800	kg/h

The energy consumption is 15-50 kWh/m³ evaporated water.

Dimensions



EPCOVAP-MVR-4,8

EPCOVAP-MVR-10,15,25,40

EPCOVAP-MVR-	4	8	10	15	25	40	
L	3000	3500	3500	3700	4500	4500	mm
W	1400	1800	1800	2000	2400	2800	mm
H	3400	3800	3800	4200	4300	4400	mm





Location: Øvre Flatåsveg 6 B
Address: N – 7079 Flatåsen,
Norway
NO 994 469 126MVA/VAT
Phone: (+47) 73 99 04 50
Fax: (+47) 73 99 04 51
companymail@epcon.org
www.epcon.org



Partners and distributors



Sweden & Denmark
Magasingatan 2
291 32 Kristianstad
Tel: +46 44-19 06 00
mail@poiab.se



Finland
Viertotie 3
15560 Nastola
Tel: +358 400 467051
simo.ajo@phnet.fi



South Korea
4, 5, 6th FL, HP Building,
83, Uisadang-daero,
Youngdeungpo-Gu,
Seoul, Korea, 150-724
Tel: +83-2-2167-9117
Fax: +82-2-2167-9049
chemical@sc-eng.com