



## Reverse Osmosis Flavy ML



Flavy ML

### **Concentration of grape must**

Reverse osmosis is a physical membrane process which can extract under pressure part of the water (permeate) contained in the grape must in order to increase its sugar concentration.

The performances of Bucher Vaslin Flavy ML machines rely both on a very long experience of membrane processes and a permanent commitment to improve the technology implementation. They demonstrate high efficiency on all types of grape musts: red, white, dry and sweet.

## An expertise at the service of your terroir

- Efficiency on red, white and sweet grape musts
- Strong improvement of the must organoleptic quality: structure, aromas and colours.

## Simple and safe to use

- Light clarification is needed for the must (400 NTU turbidity is sufficient), thanks to the Flavy ML exclusive membranes with double-spacer.
- Easy implementation and operation without supervision through a user-friendly PLC and complete safety equipment.
- Easy and quick cleaning procedures, limited maintenance
- Particularly compact, to facilitate the transport and to easily fit into each cellar without special installation.

## High quality manufacturing

- Frame in 304L stainless steel and membrane tubes in 316L stainless steel.
- High pressure pump in stainless steel and with high tangential speed

## Technical characteristics

- Standard electrical power supply: 400 V, 50 Hz, three-phased (other requests on option)
- Standard input and output: male connector DN 40 DIN (available adapters)

| Models Flavy ML | Average in l/h* | Power consumption | Amperage under 400 V | Dimensions (mm) |       |        | Empty weight (kg) |
|-----------------|-----------------|-------------------|----------------------|-----------------|-------|--------|-------------------|
|                 |                 |                   |                      | Length          | Width | Height |                   |
| Flavy ML X-2    | 200             | 15 kW             | 27 A                 | 1 244           | 630   | 1 216  | 435               |
| Flavy ML X-4    | 400             | 15 kW             | 27 A                 | 1 244           | 630   | 1 216  | 455               |
| Flavy ML X-6    | 600             | 15 kW             | 27 A                 | 1 244           | 630   | 1 295  | 475               |
| Flavy ML X-8    | 800             | 15 kW             | 27 A                 | 1 244           | 630   | 1 455  | 495               |
| Flavy ML X-10   | 1 000           | 15 kW             | 27 A                 | 1 244           | 800   | 1 626  | 515               |
| Flavy ML X-12   | 1 200           | 15 kW             | 27 A                 | 1 244           | 800   | 1 786  | 535               |

\*Flow for must with 10 -11° potential alcohol, at a temperature of 15°C and under a 70 bar pressure.

Distributed by:

### Bucher Vaslin

Rue Gaston Bernier - BP 70028  
F - 49290 Chalonnes sur Loire  
Tél. +33 (0)2 41 74 50 50  
Fax +33 (0)2 41 74 50 51  
E-mail : [commercial@buchervaslin.com](mailto:commercial@buchervaslin.com)

[www.buchervaslin.com](http://www.buchervaslin.com)  
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