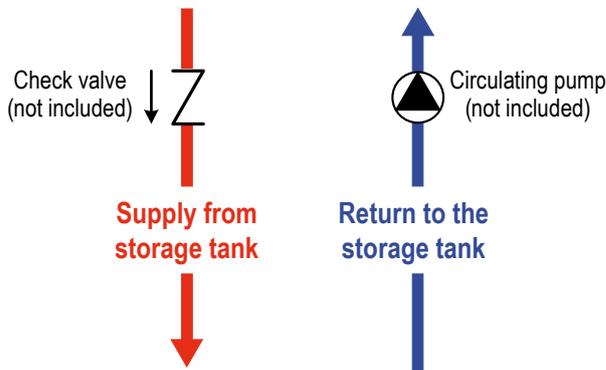


MODV FRESH BASIC - COMPACT HEAT EXCHANGE UNIT TO DELIVER DHW

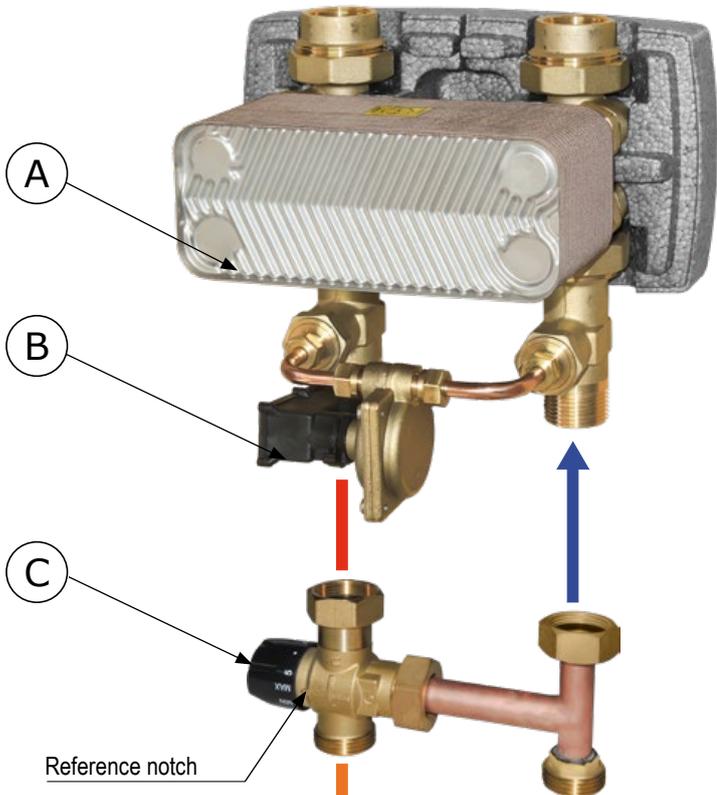
Directions for installation



SAFETY: Please read carefully the mounting and working directions before starting the unit, in order to prevent accidents and failures of the installation caused by improper use of the product. Keep this manual for further consultations.



EPP insulation box
Dimensions: 250x143x218 mm.



(A) Heat exchanger

Weld-braised plate heat exchanger made in stainless steel AISI 316.

(B) Manostat

Its function is to read the pressure difference between the cold water supply and the hot domestic water and to start up consequently the circulating pump. The starting happens since small flows of 1 l/min.

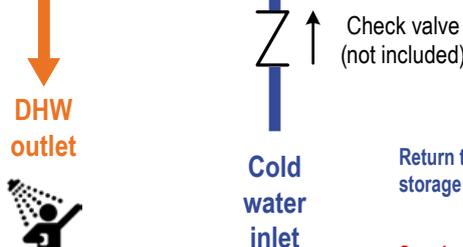
(C) Optional thermostatic mixing kit (TO BE PURCHASED SEPARATELY)

The thermostatic mixing valve allows to set the requested temperature from 35°C up to 60°C. Please rotate clockwise to reduce and anticlockwise to increase the temperature, the requested value (*) must clash to the reference notch on the valve body. Usually it is appropriate to assure that the supply temperature from the storage tank is almost 10 K more than the requested temperature.

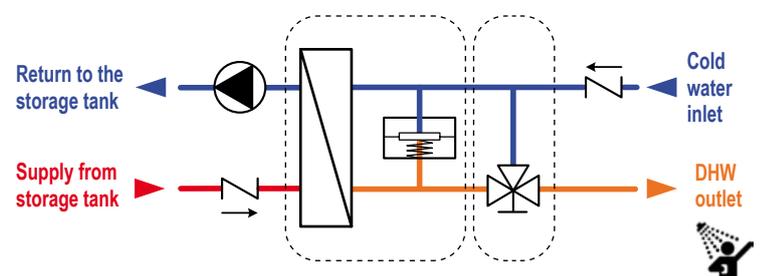
(*) Knob corresponding temperature under the test conditions: with 10°C cold water and 65°C hot water							
T°	MIN	1	2	3	4	5	MAX
35-60°C	38°C	41°C	45°C	50°C	53°C	58°C	60°C

DANGER OF SCALDS

To avoid scalds to the user the supplied water must never be over 60°C.



Hydraulic scheme



MODVFRESH BASIC - COMPACT HEAT EXCHANGE UNIT TO DELIVER DHW

ModvFresh Basic Technical features

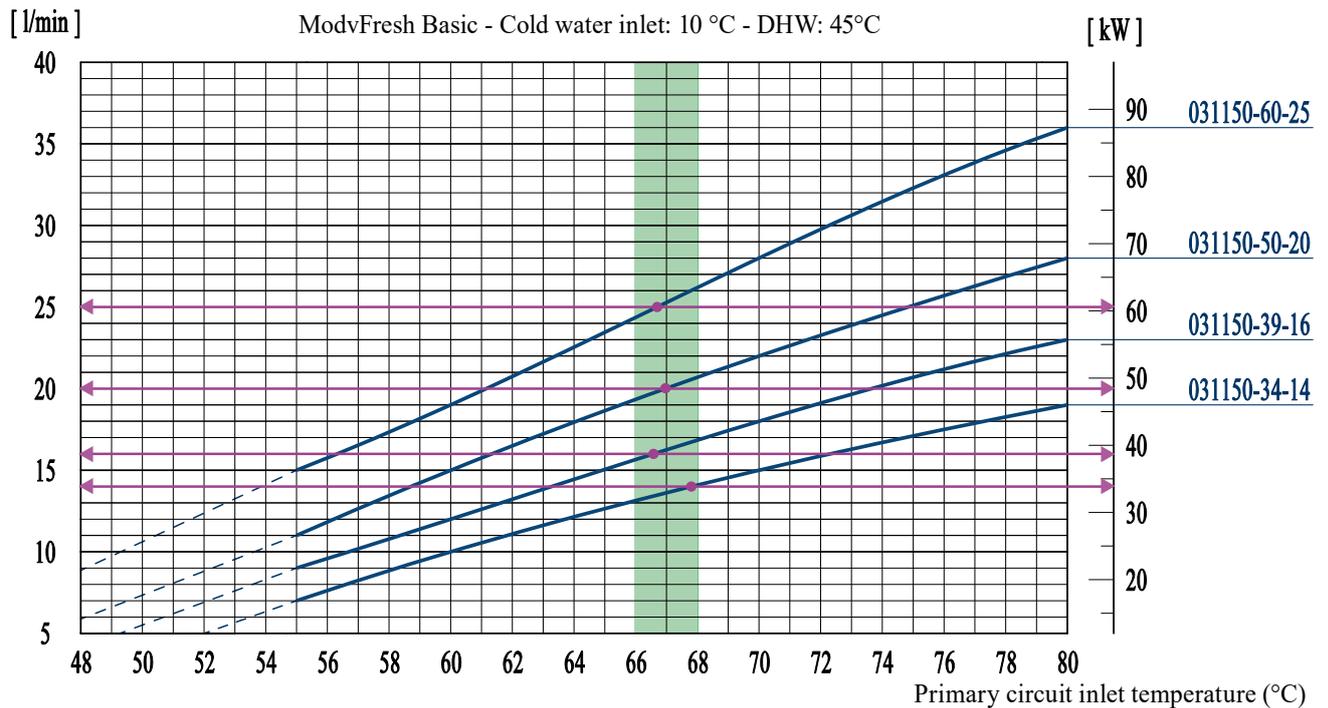
For a maximum power of 60 kW and flow up to 25 l/min.
 PN10. Max. temperature: 95°C
 Connections: 1" male (DHW); 1" female with union (buffer tank).
 Centre distance 125 mm.

Code	Max. flow	Max. power
031150-34-14	14 L/min	34 kW
031150-39-16	16 L/min	39 kW
031150-50-20	20 L/min	50 kW
031150-60-25	25 L/min	60 kW

Optional thermostatic mixing kit technical features

The security anti-scald function automatically stops the hot water flow in case of failure of the cold water line. Available external connections: 1" Male x 1" Swivel nut. Centre distance 125 mm.

For the characteristics of the mixer, refer to the specific instruction sheet of the mixing valve.



Wiring

The unit is supplied with a dedicated electrical box that simplifies the connections between the electricity supply, the circulating pump and the differential pressure switch. **To do these operations use only qualified personnel.**

