

Y-Flow E

TCEEY 115÷240

Cooling capacity 13,7÷36,9 kW



Efficient condenserless unit in R410A

Tax incentives*

Cooling only condenserless units. Range with scroll hermetic compressors and R410A refrigerant gas.

Construction features

- Compressor: hermetic rotary scroll complete with thermal protection and crankcase heater.
- Water side heat exchanger: adequately insulated stainless steel plates, complete with antifreeze heater and water flow differential pressure switch.
- Control: microprocessor electronic control, with Adaptive Function Plus logic.
- Structure: in galvanised and painted steel plate coated with polyester powder, internally lined with soundproof panelling.

Models

TCEEY: unit designed for cooling only.

Factory fitted accessories

- PUMP - Primary side (user): pump unit complete with electric circulation pump, membrane expansion tank, safety valve, water fill/drain valve, manual air vent valve, and pressure gauge. The electric pumps are available with low or high head.
- Soft start device.
- Silenced set up with double panelling in the compressor compartment.
- Digital input for double set-point.
- 4-20 mA analogue signal for shifting set-point.

- Refrigerant leak detector.
- Forced limit of power consumption.

Separately supplied accessories

- Outdoor air temperature probe for set-point compensation.
- Water filter.
- Rubber anti-vibration mounts.
- Remote keypad with LCD display.
- Interfaces for serial communication with other devices.
- Serial converter (RS485/USB).

Technical data

TCEEY MODEL		115	118	122	125	230	240
❶ Nominal cooling capacity	kW	13,7	16,4	20,1	23,3	26,8	36,9
❶ EER		3,26	4	3,65	3,76	3,12	3,69
❶ Absorbed power (*)	kW	4,2	4,1	5,5	6,2	8,6	10
❶ Available head of standard electric pump	kPa	89	80	73	114	107	113
❶ Available head of high head pump	kPa	164	146	163	152	129	135
❷ Sound power	dB(A)	58	58	62	63	64	67
❷ Silenced setup sound power	dB(A)	53	53	57	58	59	62
Scroll/ step compressors	n.	1/1	1/1	1/1	1/1	2/2	2/2
Circuits	n.	1	1	1	1	1	1
Electrical supply	V-ph-Hz	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
DIMENSIONS AND WEIGHTS		115	118	122	125	230	240
L – Width	mm	700	700	700	700	700	700
H – Height	mm	1140	1140	1140	1140	1140	1140
P – Depth	mm	560	560	780	780	780	780
❸ Weight	kg	166	166	191	214	234	251

Data at the following conditions:

- ❶ Chilled water: 12/7°C – Condensing temperature: 50°C (dew point)
 - ❷ Sound power level in dB(A) based on measurements carried out in accordance with regulation UNI EN ISO 9614
 - ❸ Weight refers to the most complete setup
- (*) Unit without electric pumps.



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