



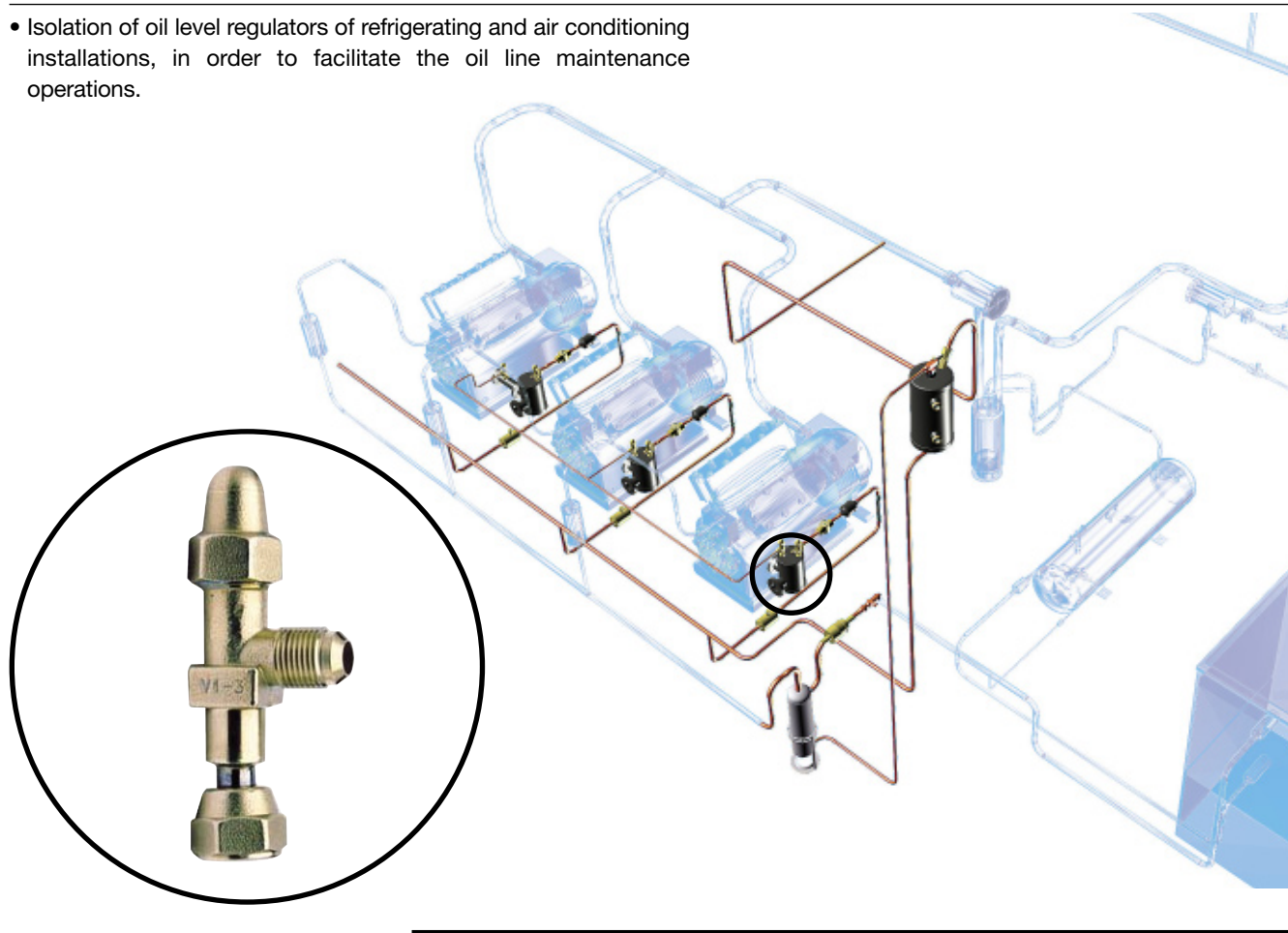
Isolation valves for oil level regulators

→ HCYVI

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■ Applications

- Isolation of oil level regulators of refrigerating and air conditioning installations, in order to facilitate the oil line maintenance operations.



■ Functional features

- Products are compatible with HFCs, HCFCs, CFCs, as well as with their associated oils and additives. Products are designed for use of non-hazardous refrigerants from group 2 of PED 97/23/EC.
- Product classification in CE categories is performed using the PED 97/23/EC table, corresponding to a nominal diameter-based selection.
- Body and internal needle are made of brass.
- Screwed plug, perfectly sealed, preventing accidental handling of the adjustment rod.
- Square section inspection rod to be handled with tool.
- Neoprene® internal O-rings.
- Delivered with a copper taper gasket for the revolving side of the nut.

■ CARLY advantages

- Connection to the 360° adjustable oil level regulator thanks to a revolving nut.
- Possibility to have vertical and horizontal valves (H version with reduced footprint in height).
- GOST certified products.



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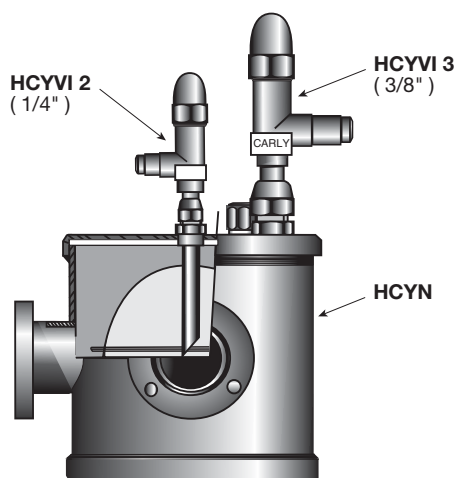
■ Recommendations

* The isolation valves are to be mounted on the oil level regulators:

→ HCYVI 3 : on the 3/8" SAE oil intake connection

→ HCYVI 2 : on the 1/4" SAE pressure equalization connection

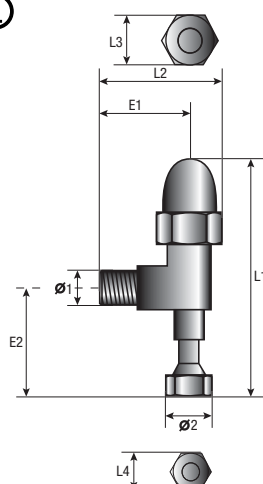
* General assembly precautions: refer to chapter 115.



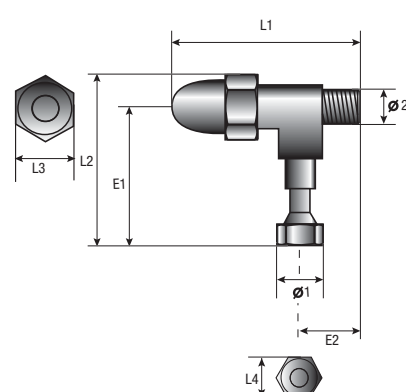
■ Technical features

CARLY references	Connections To screw SAE		Drawing Nb	Dimensions (mm)						Net weight (kg)
	Ø1 inch	Ø2 inch		L1	L2	L3 upper faces	L4 upper faces	E1	E2	
HCYVI 2	1/4	1/4	1	88	36,5	22	17	24,5	41,0	0,15
HCYVI 2H	1/4	1/4	2	74	52,0	22	17	39,5	26,0	0,15
HCYVI 3	3/8	3/8	1	98	41,0	22	22	28,5	51,0	0,20
HCYVI 3H	3/8	3/8	2	78	55,7	22	22	44,0	30,5	0,20

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■ Technical features

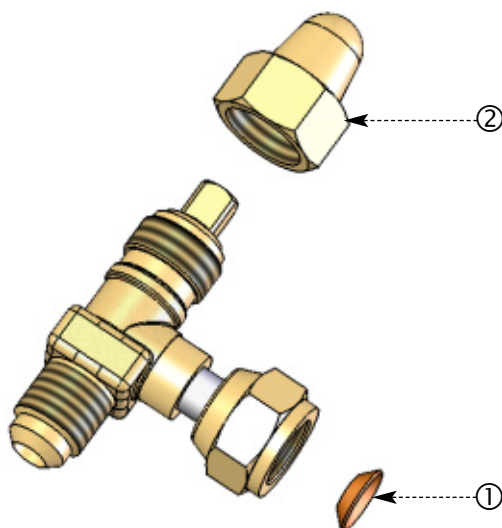
CARLY references	Nominal diameter	Maximal working pressure	Working pressure ⁽¹⁾	Maximal working temperature	Minimal working temperature	Working temperature ⁽¹⁾	CE Category ⁽²⁾
	DN (inch)	PS (bar)	PS BT (bar)	TS maxi (°C)	TS mini (°C)	TS BT (°C)	
HCYVI 2	1/4	35	10	80	-40	-20	Art3§3
HCYVI 2H	1/4	35	10	80	-40	-20	Art3§3
HCYVI 3	3/8	35	10	80	-40	-20	Art3§3
HCYVI 3H	3/8	35	10	80	-40	-20	Art3§3

⁽¹⁾ The working pressure is limited to the PS BT value when working temperature is lower than or equal to TS BT value.

⁽²⁾ Classification by diameter, according to PED 97/23/EC (refer to chapter 0 page 7).

■ Spare parts

CARLY references	Part Nb	Description	HCYVI Types	Quantity
CY 15590010	1	Set of 25 taper copper gaskets for 1/4" SAE connection	2 and 2H	1
CY 15590020	1	Set of 25 taper copper gaskets for 3/8" SAE connection	3, 3H	1
CY 10850030	2	Plug for inspection rod	All	1





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■ Weights and packaging

CARLY references	Unit weight (kg)		Packaging unit	
	With packaging	Without packaging	standard	OEM'S
HCYVI 2	0,15	0,15	1	/
HCYVI 2H	0,15	0,15	1	/

CARLY references	Unit weight (kg)		Packaging unit	
	With packaging	Without packaging	standard	OEM'S
HCYVI 3	0,20	0,20	1	/
HCYVI 3H	0,20	0,20	1	/