



Receiver sight glasses

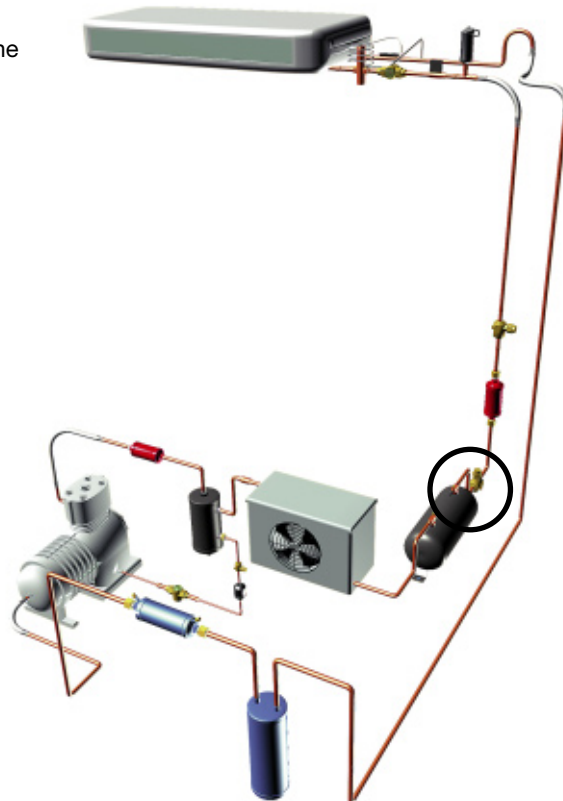
DTGB - 32.1-2-6-11

→ VCYR

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■ Applications

- Immediate and direct monitoring of levels of refrigerant in its liquid phase or of refrigerating oil, in refrigerating and air conditioning installations.
- These level sight glasses are to be positioned directly on the receivers' body or on the piping.



■ 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.
- The VCYR receiver sight glass is an accessory that can be mounted on any product under pressure up to CE category III included.
- Visualisation of refrigerant through a glass.
- The sight glass is made of four parts:
 - a steel base intended to be directly welded on a bracket after drilling.
 - a glass screwed on the base.
 - a PTFE O-ring ensuring air-tightness between the base and the glass.
 - a colour ball ensures correct liquid level visualisation within the component on which the sight glass is positioned.
- Net weight: 0.10 kg.

■ CARLY advantages

- The large size of the glass ensures an excellent visibility.
- Room, material and mounting time are saved, compared with the installation of a sight glass mounted in series with the refrigerating piping.
- The nickel-plated steel base and the dichromated zinc-plated steel glass guarantee perfect resistance to corrosion.
- The glass is cast in metal; therefore it eliminates risks of leak.
- GOST certified products.



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■ Recommendations

* The glass and the O-ring should be removed during the welding of the base on the bracket.

* After this welding and when the base temperature is low enough, put the O-ring

back into its recess and screw the glass back complying with the recommended tightening torque of 25 N.m.

* The O-ring should be replaced after each removal of the glass.

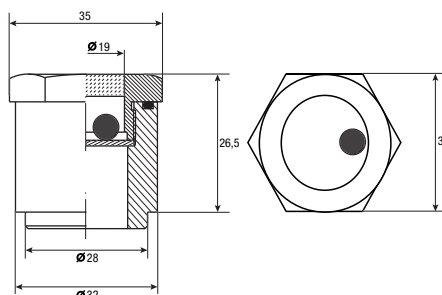
* General assembly precautions: refer to chapter 115.

■ Technical features

CARLY references	Maximal working pressure	Working pressure (1)	Maximal working temperature	Minimal working temperature	Working temperature (1)	CE Category(2)
	PS (bar)	PS BT (bar)	TS maxi (°C)	TS mini (°C)	TS BT (°C)	
VCYR 32	42	10	80	-40	-20	Art3§3

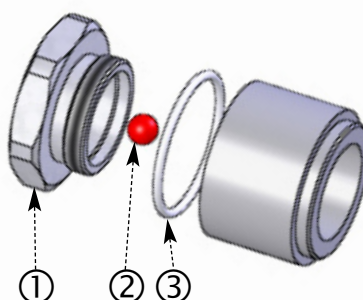
(1) The working pressure is limited to the PS BT value when working temperature is lower than or equal to TS BT value.

(2) Accessories, according to PED 97/23/EC (refer to chapter 0.7).



■ Spare parts

CARLY references	Part N°	Description	Types	Quantity
CY 35012150	1	Glass without moisture indicator	VCYR 32	1
CY 10501000	2	Colour ball for sight glass	VCYR 32	1
CY 15552180	3	O-ring PTFE gasket for sight glass	VCYR 32	1





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■ Weights and packaging

CARLY references	Unit weight (kg)		Packaging unit	
	With packaging	Without packaging	standard	OEM'S
VCYR 32	0,10	0,10	1	/