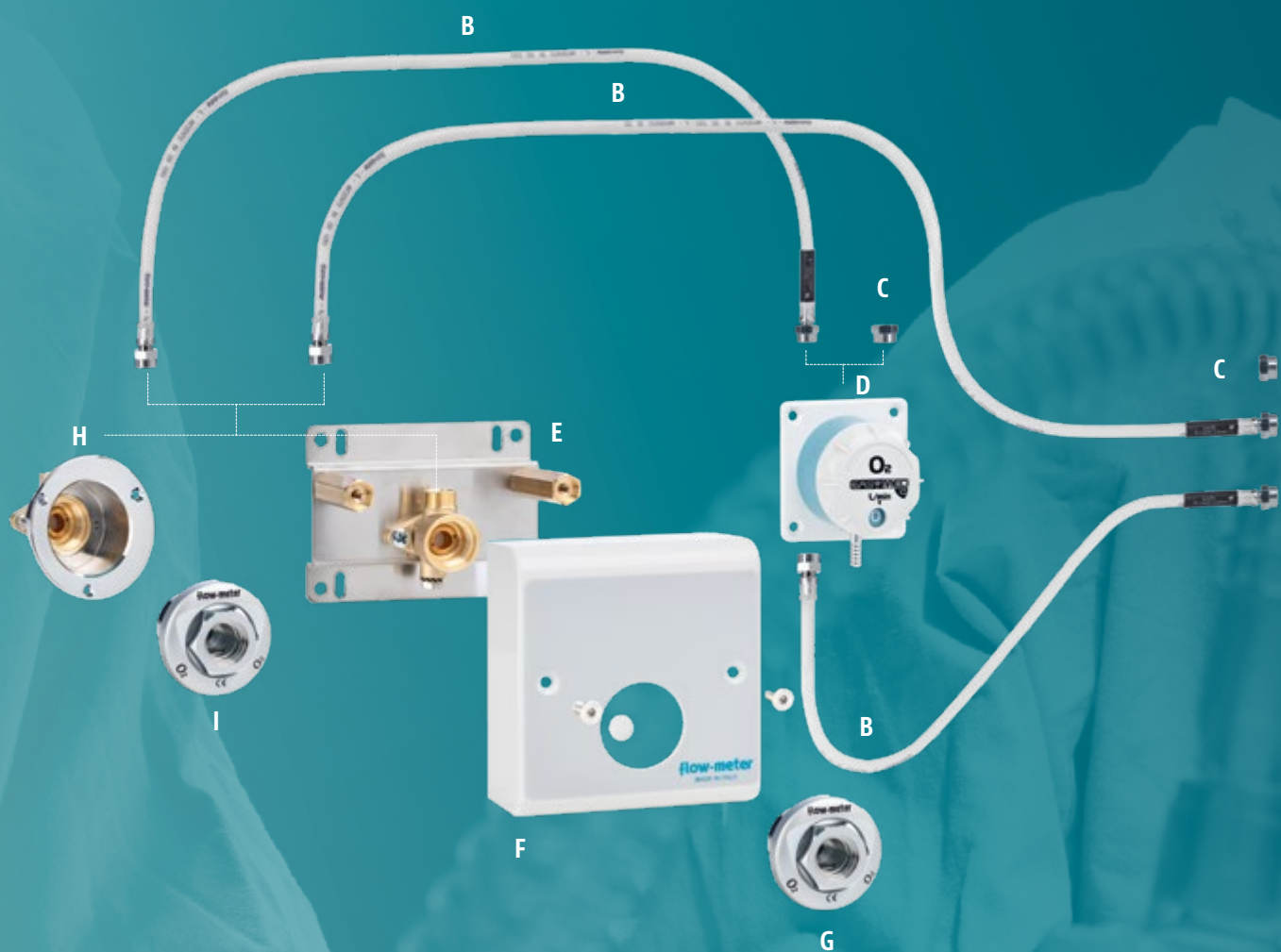
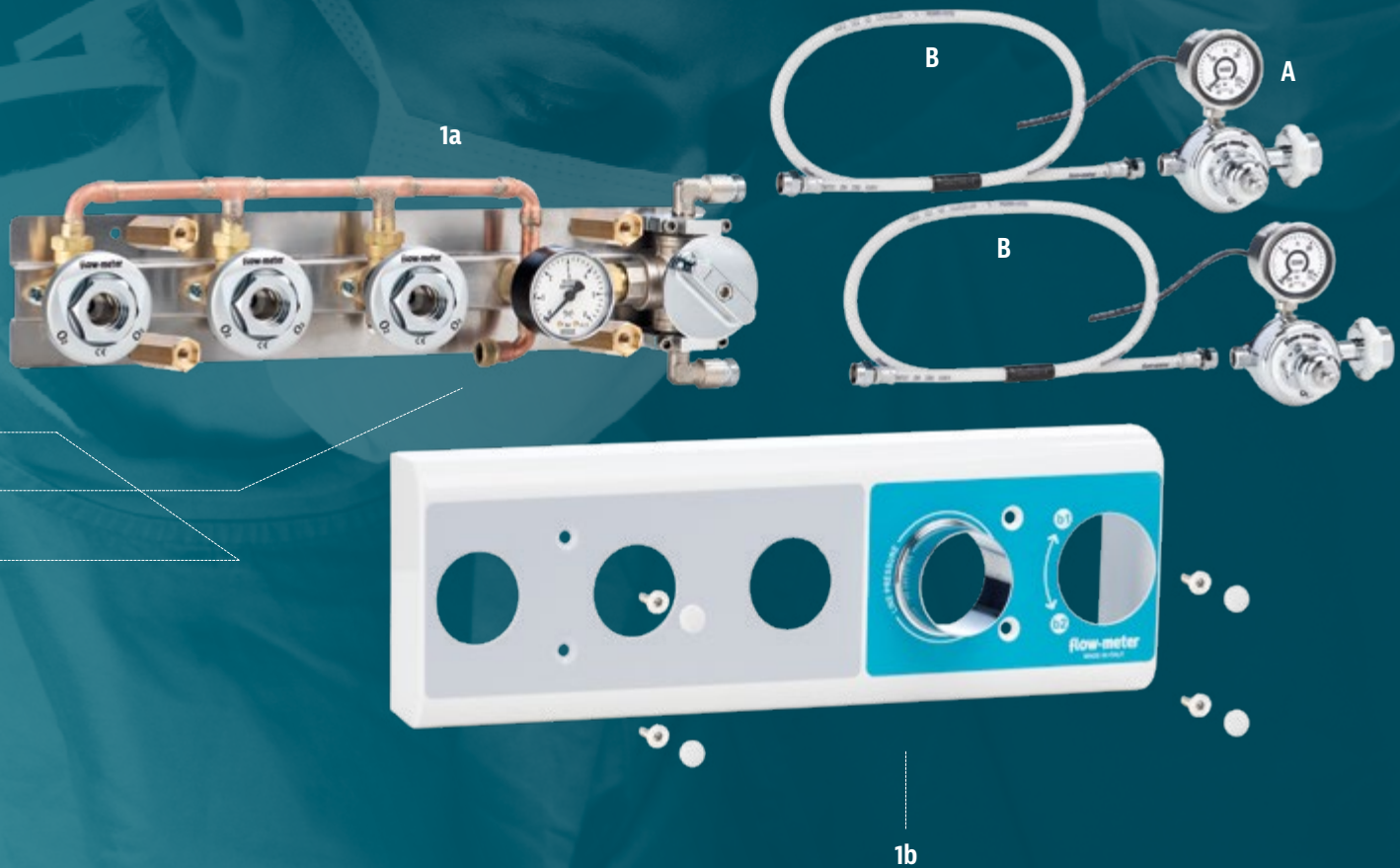


DIAGRAM OF OPTIONS

OXYGEN SUPPLY SYSTEM FOR AMBULANCES





OXYGEN SUPPLY SYSTEM FOR AMBULANCES

1a Oxygen terminal units system for ambulances

1b Stainless steel cover panel

■ OXYGEN THERAPY

58

60

60

CONNECTION AND ACCESSORIES FOR OXYGEN SUPPLY SYSTEM FOR AMBULANCES

A FM pressure regulator with electrical signal

■ OXYGEN THERAPY

62-112

B Low pressure hose for oxygen system for ambulances

■ ACCESSORIES

63

C Plug to close the system (already supplied with the device)

■ OXYGEN THERAPY

-

D EASYMED® calibrated orifices oxygen flowmeter with panel for ambulances

■ OXYGEN THERAPY

62

E Socket for oxygen terminal unit

■ TERMINAL UNITS

63

F Surface mounted case with stainless steel cover panel one position

■ TERMINAL UNITS

62

G Oxygen outlet

■ TERMINAL UNITS

63-143

H Socket with nut for panel mounting

■ TERMINAL UNITS

63-144

I Oxygen outlet

■ TERMINAL UNITS

63-143

Oxygen supply systems for ambulances

The oxygen supply systems in ambulances allow the oxygen distribution through terminal units, granting moreover the connection to mobile sources, such as medical gases cylinders, by means of suitable pressure regulators.

Main information

Different devices necessary for ventilation therapies or for general medical applications and fitted with proper quick probes can be connected to the terminal units, available in different standards.

OPTION AND STRUCTURE

They are available in configurations of one, two or three terminal units and with 2 inlets for the connection to the cylinders that can be activated separately by a selector.

The O₂ supply systems for ambulances mainly consist of:

- a stainless steel bottom support with holes for wall fixing;
- a selector enabling the operator to switch the supply source normally consisting in a medical gas cylinder fitted with pressure regulator;
- a copper pipe, bent and welded with cadmium free silver alloy. The copper pipe is a Class II A medical device, CE marked according to the current Regulation and following amendments and conforming to the specifications of the UNI EN 13348 standards;
- one or more oxygen terminal units. These terminal units are designed and manufactured according to the different standards and they are safe and simple to use for the operator. The terminal units are Class II B medical devices, CE marked according to current Regulation and following amendments and conforming to the specifications of the referenced standards;
- a gauge for the control of the line pressure, to grant the correct performance of the system and the oxygen supply continuity;
- two nipples with gas-specific threads to univocally connect the supply by means of low pressure hose assemblies properly banded and conforming to the specifications of UNI EN ISO 5359 standards (optional);
- a painted stainless steel cover panel with mounting fittings (optional).

SIZES (LxWxH)	1 terminal unit version:	87.5x270x130 mm
	2 terminal units version:	87.5x355x130 mm
	3 terminal units version:	87.5x440x130 mm
WORKING PRESSURE	4.0 bar ±20%	
SUPPLY GAS	oxygen	
LINE PRESSURE CONTROL GAUGE	end of scale 6.0 bar diam. 50 mm. Cl. 2.5	
SUPPLY CONNECTIONS	thread M16x1.25 M. (UNI 9507)	
TERMINAL UNITS STANDARDS	AFNOR NF-S 90-116 · UNI 9507 · BS 5682 · DIN 13260 · SS 875 24 30	

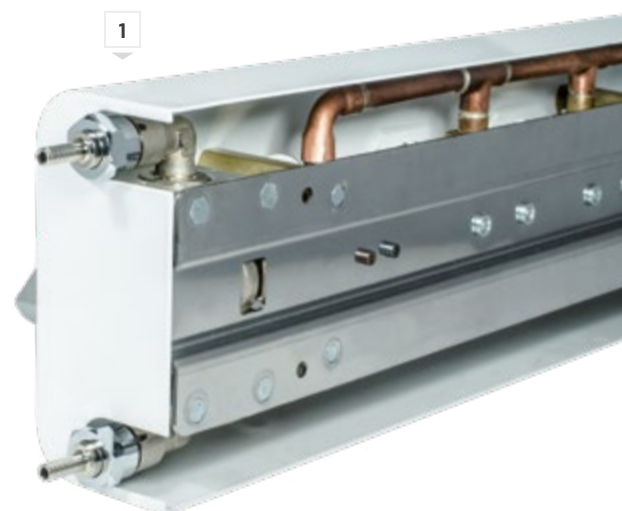
- 1 **Stainless steel bottom support** with holes for wall fixing.
- 2 **Nipples** with gas-specific threads to univocally connect the supply by means of low pressure hose assemblies properly banded and conforming to the specifications of UNI EN ISO 5359 standards (optional).



1



2



1

Accessories

FOR AMBULANCE SYSTEM



FM - pressure regulator with special gauge for ambulances

A special version, made for ambulances applications, fits a pressure gauge with electric signal 4-20 mA or 0.5-4.5 V output for the continuous monitoring of the supplied pressure and with system control panel interface.

GASES OPTIONS	Oxygen
GAUGE ELECTRICAL FINAL	4-20 mA or 0.5-4.5 V output
OUTLET CONNECTOR	hose connector with gas specific rotating nut



Flow indicator: easy and immediate reading; ten reading values, to improve low flows regulation.

EASYMED® - Calibrated orifices oxygen flowmeter

Calibrated orifices oxygen flowmeter complete with panel for ambulances supplied with mounting fittings. The flowmeter is manufactured with an integrated pressure reducer for the supplied pressure stabilization. It has also a flow indicator with 10 possible options and it is available with different end of scales.

Regulation values for the different end of scale flows

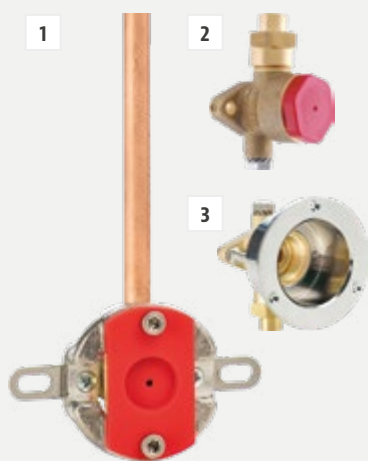
		STEP VALUES									
END OF SCALES	6 L/min.	0.00	0.25	0.50	1.00	1.50	2.00	3.00	4.00	5.00	6.00
	14 L/min.	0.00	0.50	1.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00
	15 L/min.	0.00	0.50	1.00	2.00	3.00	4.00	6.00	9.00	12.00	15.00
	30 L/min.	0.00	1.00	2.00	4.00	8.00	12.00	16.00	20.00	25.00	30.00
	50 L/min.	0.00	1.00	2.00	3.00	6.00	9.00	12.00	15.00	30.00	50.00

Surface mounted case

Surface mounted case with stainless steel cover panel one position for housing AFNOR NF-S 90-116, UNI 9507, DIN 13260, BS 5682, SS 875 24 30 outlets.

Technical details on p. 150.





Oxygen socket for:

- 1 DIN 13260, BS 5682, SS 875 24 30 outlets.
- 2 AFNOR NF-S 90-116 and UNI 9507 outlets with gas specific thread, complete with nut and copper welding tube nipple.
- 3 panel mounting with gas specific thread available for AFNOR NF-S 90-116 and UNI 9507 outlets only.



Oxygen outlet type:

- 1 AFNOR NF-S 90-116 with gas specific thread UNI 9507
- 2 UNI 9507 with gas specific thread UNI 9507
- 3 DIN 13260
- 4 BS 5682
- 5 SS 875 24 30



Low pressure hoses for oxygen

with gas specific connection to the ambulance system
and available with following lengths:
0.75 m - 1.5 m - 2.5 m - 6 m



1

2

Gas identification labels

suitable for fitting on surface mounted case for:

- 1 AFNOR NF-S 90-116
- 2 DIN 13260, BS 5682, SS 875 24 30