

# MAVO 3 Emergency station

## Oil-less technology



Ultimate back-up system designed to guarantee the medical fluid supply of particular hospital services (like surgical, intensive care units,...) in case of failure of the main supply in order to finish surgery in progress.



- Standard version :
  - **Medical vacuum** with an oil-less rotary vane vacuum pump ARICA 41V,
  - **Medical oxygen** with 2 mobile oxygen cylinders,
  - **Medical air** with 2 mobile air cylinders.
- On request :
  - **Air and O<sub>2</sub> primary networks** monitoring
  - **O<sub>2</sub> secondary network** back-up
  - **Air secondary network** back-up
  - **Medical air - 7 bar** monitoring
  - **Nitrous oxide** monitoring
  - **CO<sub>2</sub>** monitoring
- **One of the most compact of the market for an easy installation**
- Very secure process by using oil-less vacuum pump due to presence of O<sub>2</sub> gas
- Two cylinders per gas ensuring a continuous supply
- Manual or automatic restoring of initial pressure
- The emergency station is activated by pressure difference without electrical supply (except vacuum network)
- PROCOM 2 monitoring system integrated in the emergency station
- Alarm remote unit in operating theatres (see accessories)
- Simplified and quick connection to any type of network
- Ready-to-run emergency station (cylinders not provided)

### Technical data

Power supply	Power total	Weight
1-ph, 230V - 50 Hz	1200 W	195 kg

### Available set-up

VACUUM	AIR	OXYGEN
ARICA 41V : 1-ph 230V Capacity : 40 m <sup>3</sup> .h <sup>-1</sup> Motor power : 1.5 kW	1 x B50 (10 m <sup>3</sup> ) + 1 x B20 (4 m <sup>3</sup> )	1 x B50 (10 m <sup>3</sup> ) + 1 x B20 (4 m <sup>3</sup> )
ARICA 41V : 1-ph 230V Capacity : 40 m <sup>3</sup> .h <sup>-1</sup> Motor power : 1.5 kW	2 x B50 (20 m <sup>3</sup> )	2 x B50 (20 m <sup>3</sup> )



Rang complying with  
93/42/CEE directive

# Medical gas supply system

for medical applications



O<sub>2</sub> or air network



Medical vacuum connection



ARICA 41V  
vacuum pump



MAVO 3 REPORT  
(225 x 83 x 47)

## Dimensions (mm)



## Plant references

### MAVO 3

MAVO 3 manuel version

MAVO 3 automatic version

### ARICA 41V

924808

924809

Specifications of the French standard concern the regulator connections

## Accessories and option references

Monitoring sensor	1 per gas	- for air and O <sub>2</sub> primary networks - for nitrous oxide, medical air - 7 bar or CO <sub>2</sub>	624606
Extension card for monitoring		- for air and O <sub>2</sub> primary networks - for nitrous oxide, medical air - 7 bar or CO <sub>2</sub>	624607
MAVO 3 REPORT (maxi. 14*)		projecting	624608
24Vcc-96W power supply		fitted	624609
Connection cable MAVO 3 / REPORT		for a number of MAVO 3 REPORTS between 3 & 12	624610
O <sub>2</sub> or Air network non return valve	1/2"	Contact us	
Vacuum network non return valve		3/4"	654227
Pipe cover		1"	654903
			624730

\*From 13 to 14 reports, consult us / From 3 to 12 reports, change power supply

Specifications are subject to be changed without notice