

## MEDICAL CENTRAL GAS SUPPLY SYSTEM **SHUT OFF VALVE BOX** **DN 15, DN 20**



EDITION 1/2013

**For safety and service reasons a central gas system must be equipped with shut-off valves placed so that the gas supply can easily be interrupted. The valves are mounted in a box. The emergency shut-off valve boxes shall be placed so that the gas can be shut off section wise. This means that the boxes should be placed before each ward, operating unit, part of ward for critical treatment and individual surgeries.**

The emergency shut-off valve box is delivered with connection tubes and each box has been test pressurized and controlled for tightness. The emergency shut-off valve has large ergonomical handles.

If mounted in a recessed way, the emergency shut-off valve box fits walls with 70 mm beam. With a 90 mm beam there is extra space (23,5 mm) behind the valve box usable for e.g. fire isolation.

All models, also with four or five gases, fit between the beams in a CC-60 wall. The box is gas-tight which prevents gas accumulation inside the wall.

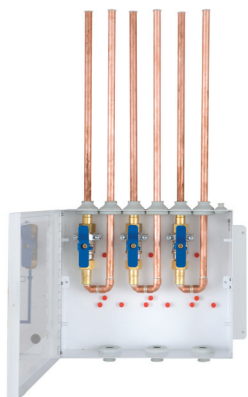
It is important that the boxes are placed so that they are easily available for authorized personnel. The front door shall be sealed.

In order to avoid mistakes the boxes shall be clearly and distinctly marked with gas sort. A sign showing which section the box serves must be placed in its immediate vicinity.

The valves are open when the handles are in vertical position in line with the printed marking on the plate.



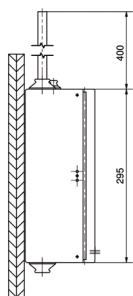
# SHUT OFF VALVE BOX DN 15, DN 20



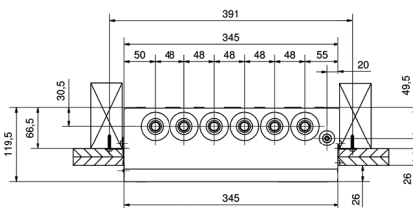
## TECHNICAL DATA

Gases:	O <sub>2</sub> ; N <sub>2</sub> O; Air; Air-800(I-Air); CO <sub>2</sub> ; N <sub>2</sub> ; VAC (all medical gases)
Number of gases:	(ø15×1) 1 to 5 valves (DN 15) (ø22×1) 1 to 3 valves (DN 20)
Working pressure:	10 bar
Tube dimension:	ø15×1 mm; ø22×1 mm
Material:	Brass; Copper
Weight:	4 - 15 kg
Regulatory status:	Complies with Medical Devices Directive 93/42/EEC. Complies with EN ISO 7396-1 (Central Gas Supply System) and current SIS HB 370.

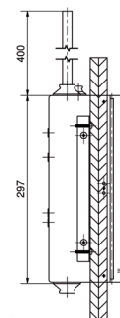
## SHUT OFF VALVE BOX DN15



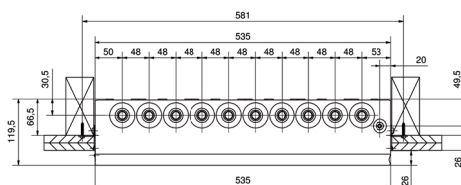
EXPOSED MOUNTING  
SEEN FROM SIDE



1-3 VALVE BOX FROM ABOVE



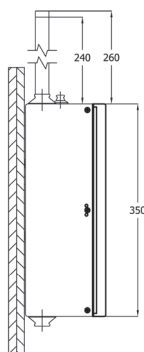
RECESSED MOUNTING  
SEEN FROM SIDE



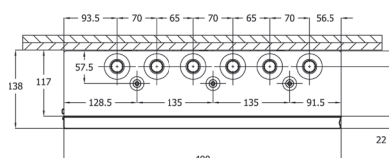
4-5 VALVE BOX FOM ABOVE

Note! Measurements in mm.

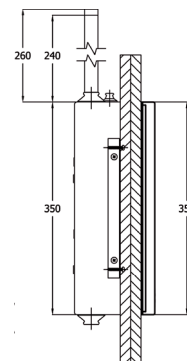
## SHUT OFF VALVE BOX DN20



EXPOSED MOUNTING  
SEEN FROM SIDE



2-3 VALVE BOX FROM ABOVE



RECESSED  
MOUNTING  
SEEN FROM SIDE

Note! Measurements in mm.

## SHUT OFF VALVE BOX DN 15

Art. Nr.	Type	Inlet pipe	Outlet pipe
325397721	1 valves DN 15	ø 15	ø 15
325397722	2 valves DN 15	ø 15	ø 15
325397723	3 valves DN 15	ø 15	ø 15
325397724	4 valves DN 15	ø 15	ø 15
325397725	5 valves DN 15	ø 15	ø 15

## SHUT OFF VALVE BOX DN 20

Art. Nr.	Type	Inlet pipe	Outlet pipe
0732701	2 valves DN 20	ø 22	ø 22
0732702	3 valves DN 20	ø 22	ø 22

Art. Nr. 735100000763. Edition 1/2013. Alterations are subject to change without notice. 19072013as © 2013



Gas Control Equipment

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