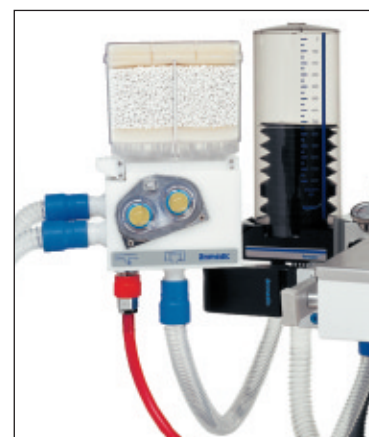


Circle System Q2 and Q2 MRI



The Anmedic Circle System consists of a robust, reliable valve block and a re-usable or a disposable absorber canister.

All the connections and the quick coupling for fresh gas are attached to the valve block.

There is a luer-lock connection on the block, which can be used for return of sampling gas or for pressure monitoring.

A unique automatic by-pass valve in the valve block allows change of absorber canister during the course of anaesthesia without gas leaking out of the system.

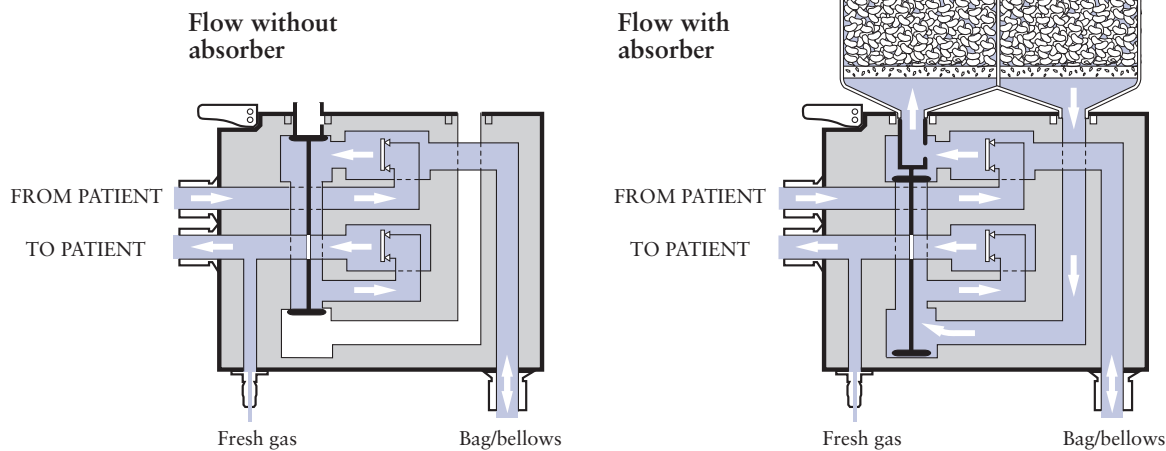
Anmedic Circle System Q2 can be used on both children and adults. Circle System Q2 is equally as suitable for controlled and spontaneous ventilation.

The valve block can also be used without an absorber if an adequate fresh-gas flow (similar to Mapleson D) is selected.

The valve assembly, with the inspiration and expiration valves always visible, is attached to the front side of the block. It is easily removed for e.g. cleaning, is symmetrical and cannot be attached incorrectly.

The Q System is manufactured in a MRI compatible version for use with MRI equipment. The MRI compatible version is called Q2-MRI.

Function



The fresh gas enters the system between the inspiration valve and the patient.

The fresh gas connection is a MIX quick coupling. The gas flow through the circle is controlled by the inspiration and expiration valves. The valves are mounted in a symmetrical block and cannot be incorrectly fitted. The position of the valves allows easy inspection during use. A cover with a robust screw lock holds the valves in place.

The valve block incorporates a bypass valve which is controlled by the absorber canister.

If the absorber canister is removed, the bypass valve assumes its upper position, and the absorber connection closes. No gas escapes from the system, which is a great advantage when changing the absorber during the course of anaesthesia.

The ingeniously design of the absorber canister means that expired gas is in contact with the soda lime for a relatively long period of time. This in turn means that the soda lime is used optimally. An absorber canister with 550 grams of lime usually lasts for more than 8 hours of anaesthesia.

Technical specifications

Item number:	Q2 Valve block with bypass function	120512
	Q2-MRI. Approved for use with MRI equipment	120516
Dimensions:	135x80x130 mm	
Weight:	1,6 kg	
Materials:	White acetal (POM). This material is resistant to anaesthetic gas.	
	The absorption coefficient of the material for water and steam is low.	
	The material is an electrical insulator.	
	Max. temperature for short periods is 140°C and for long periods 100° C.	
	The material is not affected by cleaning in a decontaminator.	
Connections:	The material retains its shape well and has excellent ageing	
	Inspiration:	tk 22
	Expiration:	tk 22
	Bag/Bellows:	tk 22
	Fresh gas:	MIX quick coupling
Suspension:	Pin, 20 mm	
Expiration resistance:	<0,6 kPa at 60 lit/min	
Inspiration resistance:	<0,6 kPa at 60 lit/min	

