

MICRO

More choices for optimal perfusion circuits.



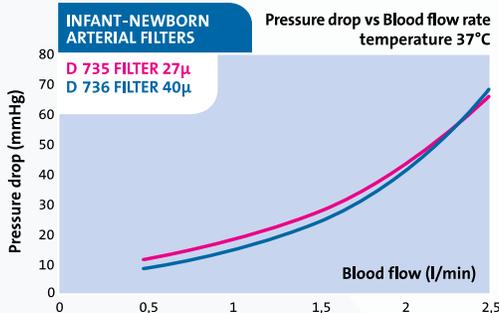
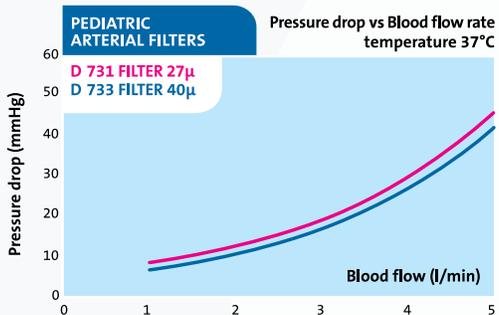
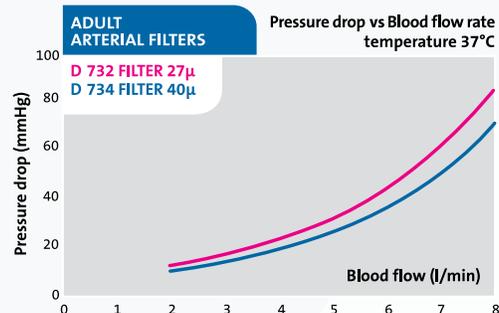
DIDECO ARTERIAL FILTERS

While arterial filtration during cardiopulmonary bypass is widely accepted, the size of the micropores is still a subject for debate.

Sorin Group believes the perfusionist should choose the size most appropriate for a procedure. That is why we offer 27 and 40 micron pore sizes for your adult, pediatric and infant-newborn patients.

When combined with other Sorin Group company products, such as our oxygenators, heart lung equipment and more, you can achieve an optimal low prime circuit.

PRESSURE DROP GRAPHICS



ADULT AND PEDIATRIC ARTERIAL FILTERS

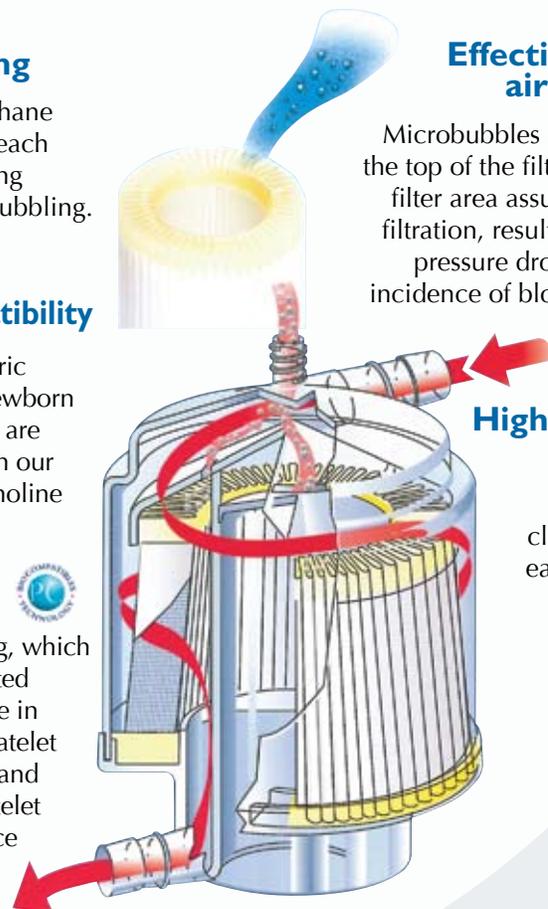
Easy debubbling

The polyurethane seal follows each pleat, allowing effective debubbling.

Biocompatibility

Adult, pediatric and infant-newborn arterial filters are available with our phosphorylcholine coating.

PC treatment provides a stable coating, which is demonstrated to be effective in improving platelet preservation and reducing platelet foreign surface adhesion.¹



Effective micro air removal

Microbubbles rise easily to the top of the filter. The large filter area assures effective filtration, resulting in a low pressure drop and a low incidence of blood damage.

High visibility

The filter is completely clear allowing easy detection of bubbles.

¹ DeSomer, et al. Phosphorylcholine coating of extracorporeal circuits provides natural protection against blood activation by the material surface. *European Journal of Cardiothoracic Surgery* 18 (2000) 602-606.

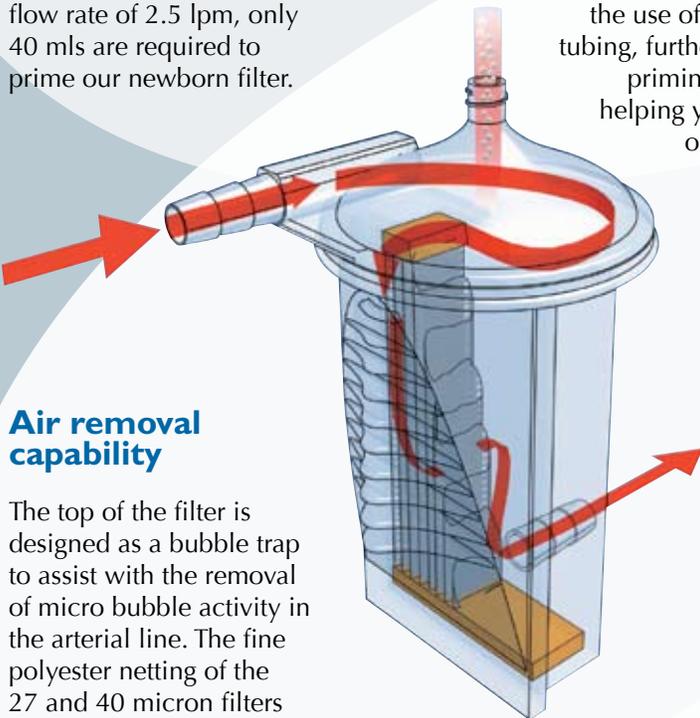
INFANT-NEWBORN ARTERIAL FILTERS

Extremely low priming volume

Coupled with a maximum flow rate of 2.5 lpm, only 40 mls are required to prime our newborn filter.

Air removal capability

The top of the filter is designed as a bubble trap to assist with the removal of micro bubble activity in the arterial line. The fine polyester netting of the 27 and 40 micron filters provide additional safety.



Unique inlet and outlet connectors

These connectors enable the use of 1/4" or 3/16" tubing, further minimizing priming volume and helping you design the optimal circuit.



D 713 HOLDER FOR MICRO

Supplied with a separate, adjustable arm, the D 713 permits 360 degree rotation for efficient debubbling.

D 624 HOLDER FOR MICRO INFANT-NEWBORN

The D 624 is constructed of light and flexible material to allow for optimum positioning of the filter within the circuit. A special clamp allows filter rotation to align with the tubing set in the most convenient direction.

ORDER GUIDE

Specification	Pore Size micron	Max Blood Flow Rate LPM	Priming Volume mls	Filter Surface Area sq cm	Inlet-Outlet Connectors inches	Code
D 732 Micro 27 Adult*	27	7	195	655	3/8"	5342
D 734 Micro 40 Adult*	40	7	195	655	3/8"	5343
D 734 Micro 40 Adult, STK AV Loop, PhISIO	40	7	195	655	3/8"	029448000
D 731 Micro 27 Pediatric*	27	5	100	300	3/8"	5340
D 733 Micro 40 Pediatric*	40	5	100	300	3/8"	5341
D 735 Micro 27 Infant-Newborn	27	2.5	40	140	3/16"-1/4"	5367
D 736 Micro 40 Infant-Newborn*	40	2.5	40	140	3/16"-1/4"	5368
D 736 Micro 40 Infant-Newborn, PhISIO, SSA	40	2.5	40	140	3/16"-1/4"	029629001
D 713 Holder for Adult Pediatric filter type						5070
D 624 Holder for Infant-Newborn filter type						5015

*Also available with PhISIO (phosphorylcholine) treatment as part of a customized perfusion tubing system.

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 **SORIN GROUP**
AT THE HEART OF MEDICAL TECHNOLOGY

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Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.