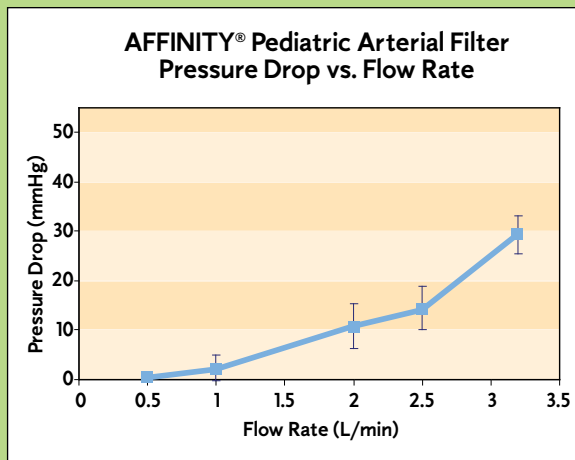


AFFINITY® Pediatric Arterial Filter

SPECIFICATIONS

Priming volume:	39 mL
Recommended blood flow rate	Up to 3.2 L/minute
Screen pore size	30 micron nominal
Connectors	
Inlet	¼ inch (0.64 cm)
Outlet	¼ inch (0.64 cm)
Vent port	Standard female luer lock
Biosurface	Carmeda® BioActive Surface (optional)

Pressure drop*



* Medtronic data on file

ORDERING INFORMATION

S4014	30 micron Pediatric Arterial Blood Filter (four/case)
CB4014	30 micron Pediatric Arterial Blood Filter with Carmeda® BioActive Surface (four/case)
HR4014	Holder for Series 4014 AFFINITY® Pediatric Arterial Filters (one/case)

- 1 Manufactured under license from Carmeda AB, Sweden. Carmeda is a registered trademark of Carmeda AB
- 2 Terumo product information. http://www.terumo-cvs.com/products/eCatalog/show_family.asp?groupid=1&show=specs&country=1&familyId=14&categoryId=13&specs=True. Accessed 11/07
- 3 Sorin product literature. Part Number 306350076 Rev A (06/06)

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AFFINITY® Pediatric Arterial Filter



Introducing
the AFFINITY®
Pediatric Arterial Filter
– our newest addition
to the
AFFINITY family



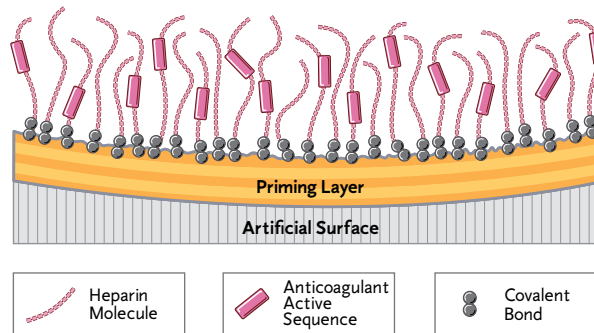
One filter gives you the flexibility for both your **INFANT** and **PEDIATRIC** patients



ACTUAL SIZE

- **Low prime**
39 mL prime volume means less hemodilution for your patients
- **High maximum flow rate**
3.2 L/min maximum recommended flow rate exceeds that of competing pediatric arterial filters and allows the filter to be used for a wider range of patient sizes
- **Optimal filtration**
30 micron concentric folded screen design provides optimal filtration within a small filter housing

- **Ease of prime and effective air handling**
No "hidden areas," such as opaque screen caps or urethane pleating and netting where air and particulate can become trapped. Horizontal surfaces are reduced for minimal bubble hang-up. The filter housing is completely clear for excellent visibility.
- **Carmeda® BioActive Surface¹**
This non-leaching End Point Attached heparin biosurface mimics critical characteristics of the vascular endothelium to provide thromboresistance and biocompatibility (optional)



- **Lower pressure drop for gentle blood handling**
The AFFINITY® Pediatric Arterial Filter's pressure drop is just 30 mmHg at its recommended maximum flow rate of 3.2 L/min and is lower as compared to competitive arterial filters for infant and pediatric patients:

	Prime Volume (mL)	Screen pore size (microns)	Maximum recommended blood flow rate (L/min)	Pressure drop at 2.5 L/min blood flow rate (mmHg)
Medtronic AFFINITY® Pediatric Arterial Filter	39	30	3.2	15
Terumo CAPIOX® CX-AF02 ²	40	32	2.5	25
Sorin Micro D735 ³	40	27	2.5	>60
Sorin Micro D736 ³	40	40	2.5	>60