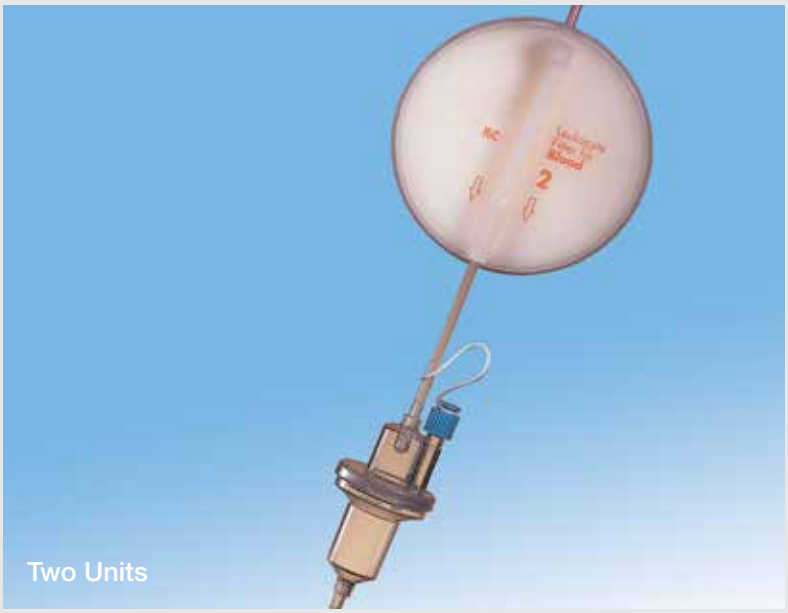
RC High Efficiency Leucocyte Removal Filter



For Blood Transfusion

- Clinically proven media technology
- For standard or rapid flow applications
- Easy prime technology
- Enhanced ease of use
- High efficiency leucocyte depletion
- High red cell recovery
- Minimal filter hold-up volume
- Rapid priming without saline
- Bedside filtration of two units of red cells

Features and Benefits

- Clinically proven media technology significantly reduces the risk of leucocyte associated transfusion complications such as microaggregates, alloimmunisation, febrile reactions, refractoriness to platelets, Cytomegalovirus and immunosuppression.*
- Ease of use has been significantly enhanced by the new filter design which provides:
  - Priming by gravity or rapid priming by squeezing the blood bag
  - Unique self levelling drip chamber allowing self priming of the filter and drip chamber
  - New vented spike design to allow upstream of filter to drain following transfusion, maximising red cell recovery
- Dependably and efficiently delivers low leucocyte residuals, affording the maximum patient protection against leucocyte related transfusion complications (consistently averaging less than 2 x 10^5/unit for buffy coat poor red cells).*
- Primes directly with red cells quickly and conveniently without the need for priming with saline.
- High technology filtration media and minimal filter hold-up volume (31 mL after recovery) provides minimal loss of red cells without the need for saline flushing.
- Unique housing design allows maximum use of the filter media surface area for consistent results.


Vented Spike


Self Levelling Drip Chamber

* Data available on request from Haemonetics Corporation.

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Performance Summary

The residual WBC level after filtration of 2 units of buffy coat depleted red cells through an RC2 filter at either gravity flow or high flow consistently averages less than 2 x 10^5/unit.

PRC Additive	Blood Age (Days)	Pre-Filtration (x 10^9/unit)**	Post-Filtration WBC (x 10^5/unit)**	Flow Rate
SGM-BC	3	0.28	1.00	1
	3	1.11	1.26	2
	4	0.98	1.18	1
	4	0.56	1.03	2
	7	2.59	0.26	2
	16	0.23	0.46	1
	30	0.83	0.29	1
	30	0.55	0.27	2
	31	1.06	0.60	1
	31	0.63	0.43	2

** = Average of unit 1 + unit 2
1 = 1m gravity flow
2 = 300 mmHg pressure

- WBC count post filtration was determined using a manual counting method (Nageotte Chamber).
- Blood was stored at 4 °C and left for 10 minutes at room temperature before filtration.

Ordering Information

Reorder Code	Description	Pkg
RC2VE	RC High Efficiency Leucocyte Removal Filter	20/case
RC2VAE	with Attached Self Levelling Administration Set	20/case
RC2VAYE	with Y-inlet and Attached Self Levelling Administration Set	20/case

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