

March 19, 2013

Dear customer:

An improvement to the support plate design in 90mm diameter Thermo Scientific Nalgene Filter Units and Bottle Top Filters with 0.2 micron SFCA membrane has resulted in a change to the bubble point specification for these products.

Only the following 0.2 micron SFCA filter units and bottle top filters are affected.

Nalgene Cat #	Description
162-0020	500mL Rapid-Flow filter unit, 0.2 micron SFCA membrane, 90mm diameter
161-0020	1000mL Rapid-Flow filter unit, 0.2 micron SFCA membrane, 90mm diameter
292-3320	1000mL Rapid-Flow bottle top filter, 0.2 micron SFCA membrane, 90mm diameter, 33mm neck
292-4520	1000mL Rapid-Flow bottle top filter, 0.2 micron SFCA membrane, 90mm diameter, 45mm neck

Specifications

Specification	Previous radial spoke support plate	New Rapid-Flow™ multi-column support plate
Membrane material	SFCA (surfactant-free cellulose acetate)	SFCA (surfactant-free cellulose acetate)
Pore size	0.2 micron	0.2 micron
Flow rate	< 17 seconds/100mL with d.i. water @20°C @12.28psig	< 17 seconds/100mL with d.i. water @20°C @12.28psig
Extractable with water	< 1 weight %	< 1 weight %
Bubble point	≥ 45 psig with water	≥ 13.5 with isopropanol

Sincerely yours,



Andy Wright
Quality Manager
Laboratory and Specialty Plastics