










	Anti-bacterial/ Bacteria removing Combination			Anti-bacterial/Bacteria- removing/Deodorizing Combination			Anti-bacterial Combination			Anti-bacterial/ Deodorizing Combination			Anti-bacterial Pre-filter			Anti-bacterial High-performance filter			Bacteria removing Single			Deodorizing Filter			Bacteria removing Inline		
																											
	SFC307	SFC407	SFC807	SFC309	SFC409	SFC809	SFC306	SFC406	SFC806	SFC308	SFC408	SFC808	SFC310	SFC410	SFC810	SFC320	SFC420	SFC820	SFC330	SFC430	SFC830	SFC340	SFC440	SFC840	SFS10		
Selectable Flow rate <small>Unit: L/min. (ANR) Primary pressure 0.7 MPa</small>	300	500	1100	300	500	1100	360	700	2200	360	700	2200	360	700	2200	360	700	2200	300	500	1100	360	700	2200	300		
Bacteria-trapping Bacteria removing performance <small>Bacteria trapping performance LRV10 or more</small>	●			●			-			-			-			-			●			-			●		
Bacteria suppressing Anti-bacterial performance <small>Antibacterial activity value 4 or more</small>	●			●			●			●			●			●			-			-			-		
Uses suction to eliminate oil odors. Deodorization performance <small>Secondary oil content 0.003mg/m³ or less</small>	-			●			-			●			-			-			-			●			-		
Use with peace-of-mind Materials compatible with Food Sanitation Act FDA compliant materials <small>Public Notice of the Ministry of Health, Labour and Welfare No. 370 fluid passage section resin and rubber FDA 21CFR §175 §177</small>	●			●			●			●			●			●			●			●			●		
Wash away with peace-of-mind Lubricants for food processing machinery <small>NSF H1 grease</small>	●			●			●			●			●			●			●			●			-		
Easy expansion Modular connection	●			●			●			●			●			●			●			●			-		

Keyword descriptions

Antibacterial Activity Value

An evaluation of the growth suppression of attached bacteria.

F-G

F: Increase value on standard cloth

Common logarithm of the average number of living bacteria immediately after inoculation subtracted from the common logarithm of the average number of living bacteria 24 hours after culturing on standard cloth

G: Increase value on processed cloth

Common logarithm of the average number of living bacteria immediately after inoculation subtracted from the common logarithm of the average number of living bacteria 24 hours after culturing on processed cloth

* Antibacterial Activity Value and bacteria trapping performance are actual values from CKD's prescribed conditions.

Bacteria trapping performance

Portrays filter's bacteria trapping performance using test bacteria as defined in JIS K 3835. Indicated using LRV (Log Reduction Value).

Deodorization performance

Evaluation conforms to JIS B 8392-5 "Compressed air - Test methods for oil vapour and organic solvent content". The quantity of oil vapor in the compressed air (hydrocarbons composed of 6 or more carbon atoms) is derived from quantitative analysis with a gas chromatograph.

Material compatible with the Food Sanitation Act

Materials used are compatible with the dissolution test for the Standards and criteria for food and food additives, etc. (Public Notice of the Ministry of Health, Labour and Welfare No. 370 of 1959), based on Article 18 of the Food Sanitation Act, which is used in regulations for tools, containers and packaging for the fluid passage section.

FDA compliant materials

Materials compatible with dissolution tests from FDA (the U.S. Food and Drug Administration) ordinance 21CFR §175 (Adhesives and Components of Coatings) and §177 (Polymers) are used in fluid passage section.

FP mark

This logo is a representation of CKD's position toward making safe machinery that supports food processing.

