

	Anti-bacterial/Bacteria removal combination		Anti-bacterial/bacteria-removing/odor removal filter combination		Anti-bacterial combination		
							
	SFC307	SFC407	SFC309	SFC409	SFC306	SFC406	SFC806
Select from various options Flow rate Unit: L/min (ANR) Primary side pressure 0.7 MPa	300	500	300	500	360	700	2200
Trap bacteria Bacteria removing performance Bacteria trapping performance LRV8 or higher	●	●	●	●	—	—	—
Stop bacteria growth Anti-bacterial performance Bactericidal activity value 4 or more	●	●	●	●	●	●	●
Use suction to eliminate oil odors Odor removing performance Secondary side oil concentration 0.003 mg/m ³ or less	—	—	●	●	—	—	—
Safe to use Materials compatible with the Food Sanitation Act Materials compatible with FDA Notification No.370 of Ministry of Health - Fluid passage areas made of resin/rubber	●	●	●	●	●	●	●
Safe to apply Lubricant for food equipment NSF H1 grease	●	●	●	●	●	●	●
Easy to expand Modular connection	●	●	●	●	●	●	●

Explanation of keywords

Bactericidal activity value

This value is an assessment of the extent to which the growth of adherent bacteria is suppressed.

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

* The bactericidal activity value and bacterial trapping performance value are actual values based on predetermined conditions set by CKD.

Bacteria trapping performance

This indicates the bacterial trapping performance of the filter using test bacteria as defined in JIS K 3835. It is expressed using a log reduction value (LRV).

Odor removing 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.

Anti-bacterial/odor removal filter combination	Anti-bacterial Pre-filter	Anti-bacterial High-performance filter	Bacteria removing filter Single	Odor removal filter	Bacteria removing filter Inline
 <p>SFC308 SFC408 SFC808</p>	 <p>SFC310 SFC410 SFC810</p>	 <p>SFC320 SFC420 SFC820</p>	 <p>SFC330 SFC430</p>	 <p>SFC340 SFC440 SFC840</p>	 <p>SFS10</p>
360 700 2200	360 700 2200	360 700 2200	300 500	360 700 2200	300
-	-	-	●	-	●
●	●	●	-	-	-
●	-	-	-	●	-
●	●	●	●	●	●
●	●	●	●	●	-
●	●	●	●	●	-

Materials 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.

Materials compatible with FDA

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 represents CKD's stance to provide you with safe components for supporting your food manufacturing processes.

