



**Pressure-tight Cleanflows manual cleaning - Static - Square - 120 mm - 2 to 6 m<sup>3</sup>/h**

Article number	SECFP12030
Product key	SECF-P-1212-05E-N-F1m-W-B-B
Max. particle size	10 mm
Min. Fe-particle size that can be caught	30 µm
Cleaning/Fe-particles disposal	Manual quick cleaning by means of extractor tubes
Build-in length	160 mm
Product inlet/outlet size	#120 mm
Interface/connection dim's	Flange #160x#120 mm - 8xM6 (ready for Jacob system 'spouts from square to round' DN100)
Capacity	2 to 6 m <sup>3</sup> /h
Materials - in contact with product	<ul style="list-style-type: none"> <li>• AISI316 (SS 1.4401)</li> <li>• AISI316L (SS 1.4404)</li> </ul>
Material housing	<ul style="list-style-type: none"> <li>• AISI316 (SS 1.4401)</li> <li>• AISI316L (SS 1.4404)</li> <li>• Bakelite (knob)</li> </ul>
Magnetic bar joint	Extractor tubes not brazed in plate (welded only)
Material gaskets/seals	Silicone VMQ, 40° Shore, red, 'Food Safe' acc. EC 1935/2004 and FDA
Surface treatment/finishing	S1: Grit blasted, Ra 3 µm (interior/exterior)
Welds	Wm: product chute: completely welded - outside the product chute: completely welded where possible
Max. operating / product temperature	60 °C
Min./max. ambient temperature	-20 to 60 °C
Operating pressure	Max. 1.5 bar
ATEX-marking	Free of own ignition sources: suitable for application in ATEX dust zones 20, 21 and 22. Special conditions apply.
Magnetic system	Magnetic bar in extractor tube
Magnetic bar size	Tube Ø25 mm; bar Ø23 mm
No of bars	5 (2+3)
Magnet quality	Neodymium GSN-42, Br 13,300 gauss (at 20 °C), Tmax. 80 °C

Field strength (flux density) on magnetic bar ( $\pm 10\%$ )	10700 gauss
Field strength (flux density) on extractor tube ( $\pm 10\%$ )	8000 gauss (average value - see Documents tab for explanation)
Depth	207 mm
Width	248 mm
Height	160 mm
Weight	8,0 kg