

## CULINARY STEAM FILTER ISC20I

### DESCRIPTION

The ISC20I high efficiency filters are used to remove contaminated particles from gases such as steam and compressed air.

The optimized construction of these units offers low differential pressure at high flow rates.

All sizes are built in two halves and a bottom cover with drain connection, joined by a sanitary clamp ferrule according to DIN 32676 Series A.

The filter elements (replaceable) are made of sintered austenitic stainless steel.

### MAIN FEATURES

Several retention rates available.

Good durability against aggressive gases.

Porosity level is more than 50% ensuring high particle and dirt load capacity as well as good flow rate at a low differential pressure.

Regeneration by ultrasonic bath.

### STANDARD SURFACE FINISH

Internal parts: ≤ 0,76 micron Ra – SF3.

External : Satin bead blast finish – 1,6 micron Ra.

Other surface conditions see IS PV20.00-Technical information.

**OPTIONS:** Different kind of connections and dimensions.

**USE:** Steam, compressed air and other gases (Group 2).

**AVAILABLE MODELS:** ISC20I – 1.4404 ( AISI 316L ).

**RETENTION RATES:** 1, 5 and 25 micron.

**SIZES:** 1/4" to 2" threaded.  
DN10 to DN 80 flanged.

**PIPE CONNECTIONS:** Threaded BSP or NPT.  
Flanged EN PN16 or ANSI class 150lbs.  
Welded ends and other connections on request.

**INSTALLATION:** Horizontal installation always with the drain connection pointing downwards. See IMI, installation and maintenance instructions.



CE MARKING (PED - European Directive)		
Ps 16 bar	Ps 12 bar	Category
1/4" to 1 1/2" ; DN10 to DN40	/	SEP
2"L to 2 1/2" ; DN50L to DN65 ;	/	1
/	3" ; DN80	2