

SUN FILTER® BASKET STRAINER



SUN FILTER®

Website : www.sunfilre.com

E-Mail : sun@sunfiltre.com

BASKET FILTER HOUSING CUSTOM MADE

SunFilter® basket filters are sized and made according to customer specifications.

Many materials can be used for their realization such as: Stainless Steel, Carbon Steel and Special Steel (Monel, Duplex, Super Duplex, etc.).

We design the most common international standards for design: ASME Sec. VIII, EN13445-3, PED94/9.

On each filter, various surface treatments can be carried out, such as internal and external painting cycles, passivation and pickling.





Applications:

Nozzle protection

Mechanical seal protection

Protection of heat exchanger surfaces to increase efficiency

Removal of sand and grit prior to cooling

tower basins and to prevent the fouling of heat exchanger tubes

Pre-filtration for bag, cartridge, screen, disc, sand media filters, and centrifuges

Intake water liquid particle separation (river water, lakes, wells)

Sludge removal from industrial wastewater

Machine tool coolant filtration to extend coolant

Steel mills - cleaning, quench, and wash water

Particle removal in oil and gas extraction and production

Filtration of hot oil in food processing plants to protect heat exchangers

Market segments - industrial, commercial/HVAC, irrigation, food, oil and gas

Characteristics:

Construction materials: Carbon steel Stainless steel
(other materials available as option)

Design according to: ASME Sect. VIII Div. 1 EN 13445 VSR
(other calculation code available as option)

Suitable for filtration of both liquids and gas Gr. 1 and 2
Conform to 97/23/CE PED Directive
Conform to 94/9/CE ATEX Directive
Available with U-Stamp certification

Top cover closure:

ANSI or EN flanges
Swing bolts - eye bolts type
Swing bolts - Rathmann type
Quick opening closure

Side by side in/out (other nozzles arrangement available as option)

In/out connections up to 24" (DN 600)

Perforated plate with wire mesh or wedge-wire basket

Pleated or smooth basket type option available

