PRODUCT DATASHEET

Spirit Chill-Filtration Skid

Chilling, lenticular and cartridge filtration for whisky and spirits

Product page





Close-up: lenticular filter housings

OVERVIEW

The Tech Inc. Spirit Chill-Filtration Skid chills whisky, rum and other spirits and filters them through lenticular depth modules and polishing cartridges. Fatty esters that would cloud the bottle in the cold are removed, and the spirit stays bright on the shelf.

TYPICAL DESIGN DATA

Chill temperature	Typically about -5 to +5 °C, set by spirit and strength
Filtration	Lenticular depth modules and polishing cartridges
Materials	316L sanitary construction
Codes and standards	Hygienic design to 3-A and EHEDG principles; electrics to the room classification
Electrical	Motors and instruments for ethanol areas
Cleaning	CIP connections
Elements	Replacement modules and cartridges supplied

MODELS AND CAPACITIES

- **TI-SCF-500** – about 500 L/h
- **TI-SCF-1000** – about 1,000 L/h
- **TI-SCF-2500** – about 2,500 L/h
- **TI-SCF-5000** – about 5,000 L/h

Indicative throughputs.

ORDERING CODE

Example **TI-SCF-1000-C-L**: **1000** throughput, L/h; **C** C with chiller, F filters only; **L** filters: L lenticular plus cartridge, K cartridge only.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: refrigeration unit sized for warm sites; second filter housing for changeover; flow meter and batch records; CIP connections; spare modules.

KEY ADVANTAGES

- **Clear bottles** – haze-forming compounds removed
- **Hygienic** – 316L sanitary build
- **Controlled** – temperature and residence time set by recipe
- **Spares on hand** – modules and cartridges from the same supplier

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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