



FRICK INDIA FALLING FILM CHILLER

CHILLING FLUIDS WITHIN 0.5°C OF THEIR FREEZING POINT



- HIGH INLET-OUTLET TEMPERATURE DIFFERENCE
- ICE FORMATION RESISTANCE
- LOW TENDENCY TO FOULING
- CONTAMINANT RESISTANCE
- LOW MAINTENANCE COST
- LOW PRESSURE DROP
- ICE WATER CHILLING
- SIMPLE OPERATION
- FAST PROCESSING
- NO FREEZING RISK
- COST-EFFECTIVE
- EASY TO CLEAN
- NOISE FREE

Application fields Industrial chilling of
Milk, Fruits, Vegetables, Frozen Food, Seafood, Meat, Poultry, Dairy Products, Baked Goods, Beverages

Chilling in the production of
Concrete, Chemicals, Pharmaceuticals

You Still can't Beat the System when it's all Frick India

Why Choose Frick India Falling Film Chiller?



QUALITY



PRODUCT



MANUFACTURING



High-Strength Guarantee: We ensure superior strength, durability, and endurance by using only high-quality materials. Evaporators of 1 mm thick pillow plates are tested up to 140 bar, and plates ranging from 1.5 mm to 2.5 mm are tested up to 240 bar well beyond competitors, who test only up to 80-90 bar.

Premium Materials: Our pillow plates are 2B finish made from high-quality AISI 304 stainless steel, 316, 316L, Duplex, Titanium. We also offer stainless steel plates in thicknesses of 1.5 mm, and 2.5 mm as an option.

Leak Testing: Evaporator plates are inflated with nitrogen pressure and leak-tested using nitrogen air, eliminating the risk of water inside and Preventing rusting.



Compact design: The chiller design includes a Stainless steel water distribution tray, pillow plate bank, outer casing, and polycarbonate doors.

Product Range: We manufacture FFC ranging from 50 TR to 550 TR. Customized options available to meet specific requirements.

Doors: Both side are UV protected and eco friendly with high sound insulation performance.

Tank: High density PUF insulated chilled water tank is available from 50 mm to 100mm thickness.



Advanced Laser Welding Technology: By using a North European Laser Welding Machine, we ensure fast and high-precision welding.

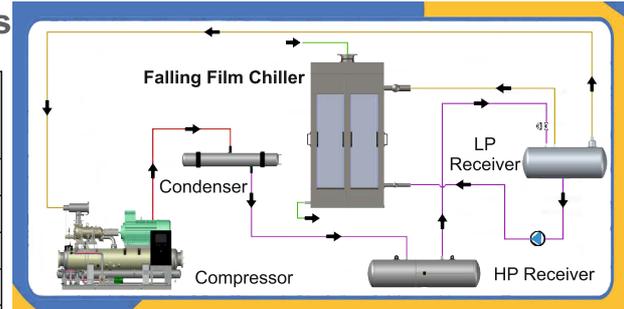
Precision Laser Cutting: Our fiber laser cutting machine provides cutting precision up to 0.05 mm, ensuring exceptional quality and efficiency.

Sheet Bending Machine: We have an advanced Multi - axis bending machine featuring CNC controlled and servo motor systems, providing precision bending capabilities.

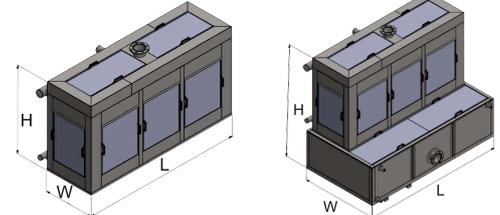
Falling Film Chiller Specifications & Operating Process

Model	Flow Rate (CMH)	Capacity (KW)	Tank Capacity (Ltr.)	Dimension Without Tank LxWxH (mtr.)	Dimension With Tank LxWxH (mtr.)	Shipping Weight (Kg)
Frick FFC-50	22.10	180	2000	1.7 x 1.2 x 2.4	2.2 x 2.0 x 3.5	1200
Frick FFC-100	43.00	350	3000	1.7 x 1.75 x 2.6	2.7 x 2.0 x 3.7	1800
Frick FFC-150	65.06	530	4500	1.7 x 1.95 x 2.6	3.0 x 2.1 x 3.7	2150
Frick FFC-200	86.00	700	6000	3.6 x 1.8 x 2.25	3.9 x 2.0 x 3.35	3000
Frick FFC-250	108.10	880	7000	3.6 x 2.1 x 2.25	3.9 x 2.0 x 3.65	3370
Frick FFC-300	130.20	1060	8000	3.6 x 2.3 x 2.25	3.9 x 2.8 x 3.65	4200
Frick FFC-350	151.08	1230	9000	3.6 x 2.55 x 2.25	3.9 x 2.95 x 3.65	4700
Frick FFC-400	173.20	1410	10000	3.6 x 3.1 x 2.25	3.9 x 3.21 x 3.65	5980
Frick FFC-500	216.18	1760	12000	3.6 x 3.4 x 2.25	3.9 x 3.5 x 3.65	6430

** Above flow rate mentioned water temperature difference 7°C (Water In 8°C and Water Out 1°C) and saturated suction temperature minus 3°C, if you required some different operating parameters contact Frick India Limited.



*This drawing is for marketing and illustrative purposes only.



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