



FRICK INDIA

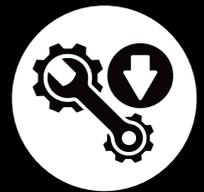
Plate Type Evaporative Condenser
With Counter-Current Flow Technology



Advanced
Engineering



Premium
Materials



Customizable
Configurations



Installation &
Commissioning



Servicing

ADVANTAGES

- Low Scaling
- Easy to Clean
- Low maintenance, and enhanced thermal performance leads to low running cost
- Low water management
- Provide better thermal efficiency in high-temperature applications due to increased turbulence and optimized design
- Low Installation Cost

STANDARD FEATURES

- Inflated double embossing plates
- Casing and Plates are made of SS304 (2B finish, PVC coated)
- Condenser plate will burst tested at 240 bar
- Leak test at 40 bar with Nitrogen gas
- Sustainable design to reduced energy & water usage
- Plate Thickness is 1.2 mm as standard
- Design Pressure 21 bar

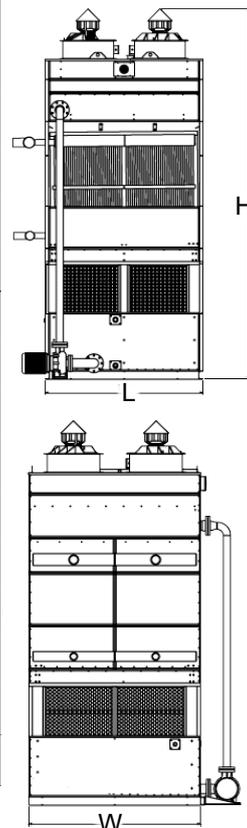
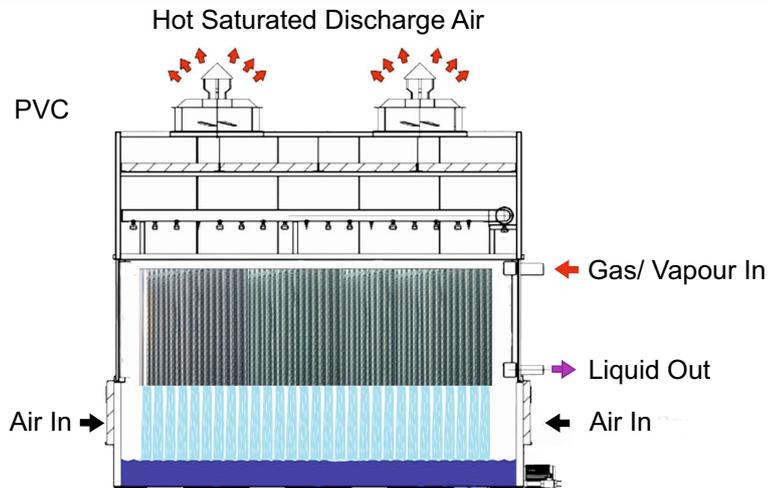
OPTIONAL FEATURES

- SS316 L, Super Duplex, Titanium Plates
- Casing GI Sheet/ AlMg3

TECHNICAL SPECIFICATIONS

| Model | Heat Rejection Capacity (NH3) | | | Total Air Flow CFM/ CMH | Fan & Motor | | | Pump Rating | | Dimension (mm) | | | Shipping Weight Kg. |
|----------|------------------------------------|------------------------------------|------------------------------------|-------------------------------|-------------|-----|------|-------------|-----|----------------|------|------|------------------------|
| | TR (kW) @28°C WBT & 38°C SDT | TR (kW) @28°C WBT & 40°C SDT | TR (kW) @30°C WBT & 40°C SDT | | Dia | HP | NOs. | GPM/ LPS | HP | L | W | H | |
| FPEC-50 | 50 (176) | 60 (211) | 50.5 (178) | 16000/ 27180 | 30" | 3 | 1 | 270/ 17 | 2.0 | 975 | 1054 | 4575 | 2250 |
| FPEC-75 | 75 (264) | 90 (317) | 76 (266) | 18000/ 30420 | 24" | 2.0 | 2 | 270/ 17 | 2.0 | 1622 | 1054 | 4575 | 2950 |
| FPEC-100 | 100 (352) | 120 (422) | 101 (355) | 23668/ 40000 | 30" | 2.0 | 2 | 355/ 22 | 3.0 | 2122 | 1054 | 4575 | 3500 |
| FPEC-125 | 125 (440) | 150 (527) | 126 (445) | 23668/ 40000 | 30" | 2.0 | 2 | 355/ 22 | 3.0 | 2522 | 1054 | 4575 | 3850 |
| FPEC-150 | 150 (528) | 180 (633) | 152 (533) | 31950/ 54000 | 30" | 3.0 | 2 | 355/ 22 | 3.0 | 2922 | 1054 | 4575 | 4000 |
| FPEC-175 | 175 (615) | 210 (739) | 177 (622) | 35500/ 60000 | 24" | 2.0 | 4 | 355/ 22 | 3.0 | 1872 | 2014 | 4575 | 4550 |
| FPEC-200 | 200 (703) | 240 (844) | 202 (710) | 35500/ 60000 | 24" | 2.0 | 4 | 585/ 37 | 5.0 | 2122 | 2014 | 4575 | 6500 |
| FPEC-250 | 250 (879) | 300 (1055) | 252 (888) | 47336/ 80000 | 30" | 2.0 | 4 | 585/ 37 | 5.0 | 2372 | 2014 | 4575 | 6800 |
| FPEC-300 | 300 (1055) | 360 (1266) | 303 (1065) | 63900/ 108000 | 30" | 3.0 | 4 | 585/ 37 | 5.0 | 2822 | 2014 | 4575 | 7340 |
| FPEC-350 | 350 (1231) | 420 (1477) | 353 (1243) | 71000/ 120000 | 30" | 2.0 | 6 | 585/ 37 | 5.0 | 3222 | 2014 | 4575 | 7820 |
| FPEC-400 | 400 (1407) | 480 (1688) | 404 (1421) | 71000/ 120000 | 30" | 2.0 | 6 | 815/ 51 | 7.5 | 1972 | 3254 | 4575 | 8250 |
| FPEC-450 | 450 (1583) | 540 (1899) | 455 (1598) | 95856/ 162000 | 30" | 3.0 | 6 | 815/ 51 | 7.5 | 2172 | 3254 | 4575 | 8790 |
| FPEC-500 | 500 (1759) | 600 (2110) | 505 (1776) | 95856/ 162000 | 30" | 3.0 | 6 | 815/ 51 | 7.5 | 2372 | 3254 | 4575 | 9270 |
| FPEC-600 | 600 (2110) | 720 (2532) | 606 (2131) | 127800/ 216000 | 30" | 3.0 | 8 | 815/ 51 | 7.5 | 1972 | 4834 | 4575 | 9890 |
| FPEC-750 | 750 (2638) | 900 (3165) | 758 (2664) | 149110/ 252000 | 38" | 5.0 | 6 | 1170/ 74 | 5x2 | 2422 | 4834 | 4575 | 10600 |

Note: All specifications are subject to change without prior notices. For different Operating Conditions & refrigerant. Please contact our factory for further assistance.
WBT: Wet Bulb Temperature, SDT: Saturated Discharge Temperature
CMH: M³/ hr., CFM: Ft³/ min.



FRICK INDIA LIMITED

📍 21.5 Km., Main Mathura Road, Faridabad, Haryana 121003

☎ 0129-2275691/ 94, 1170547, 2254103

✉ delhi@frick.co.in, mumbai@frickmail.com, kolkata@frickmail.com, chennai@frickmail.com

🌐 www.frickweb.com

