

STOKVIS

ENERGY SYSTEMS

Solar Panel Fan Coil Heat Dump Radiators

Our range of Solar Panel Dump Radiators are designed to dissipate excess heat from solar panel installations at times of low or no demand that would otherwise cause the system temperature to rise leading to potential equipment failure due to over heating.

We have a standard range of coolers from 5 kW to 45 kW comprising of a Finned Tube Coil, single phase 240V air fan and a fan motor control panel.

Design Basis

Each radiator is designed to cool 40% ethylene glycol/water solution with air at 32°C maximum.

Finned Tube Coil

- Copper tubes
- Aluminium fins
- Galvanised steel casing
- Maximum working pressure: 10Bar
- Maximum working temperature: 175°C

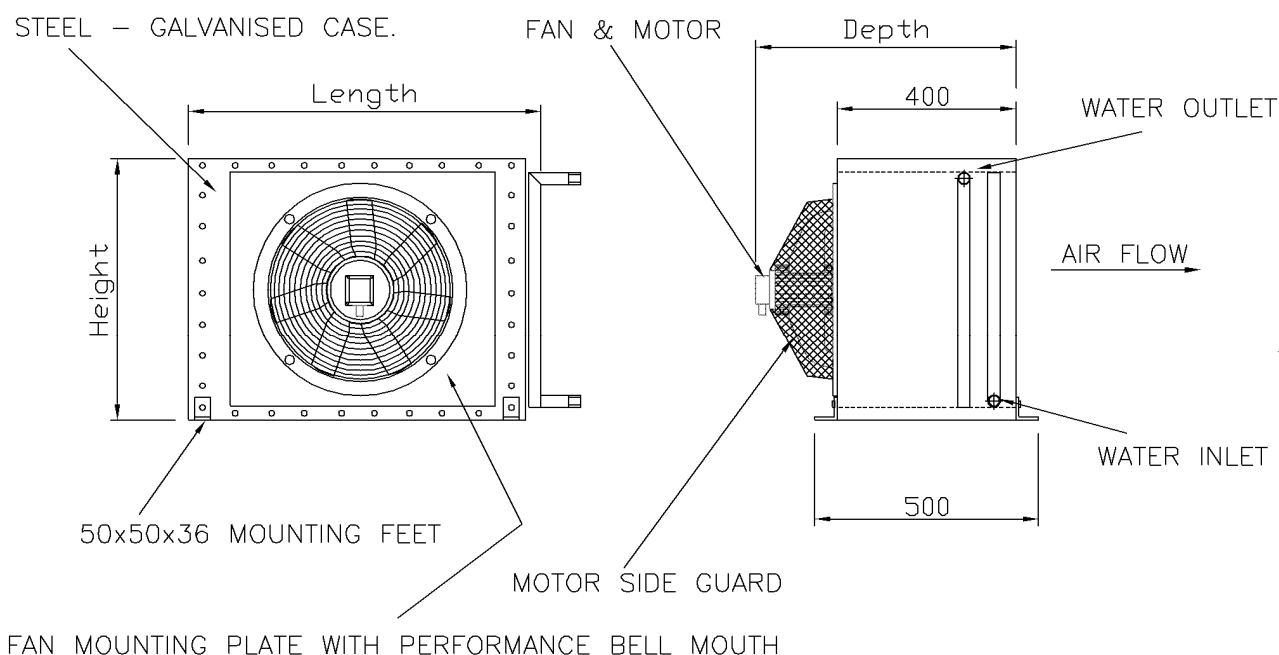
Fan Complete with Electric Motor

- Aluminium impeller
- Single phase 240V/50Hz motor – IP55 weatherproof rating
- Class F insulation

Fan Motor Control Panel

- IP65 painted steel enclosure
- Hinged door, removable gland plate and mechanically interlocked isolator switch
- Hand/Off/Auto fan selector switch
- Running and overload tripped LED indicating lamps
- Motor miniature circuit breaker
- Motor contactor complete with necessary auxiliary contacts
- Motor thermal overload relay
- 230/24V transformer complete with primary and secondary miniature circuit breakers
- Relay for 230V BMS enable
- Wall fixing





<u>Output (kW)</u>	<u>Weight (kg)</u>	<u>Length (mm)</u>	<u>Depth (mm)</u>	<u>Height (mm)</u>
5	25	490	470	420
10	30	680	595	600
15	35	705	585	600
20	55	855	585	660
25	61	885	605	660
30	70	965	605	660
45	78	1005	605	900

GHC?J-G'9B9F; M'GMGH9AG'
 I B=H' ('79BHF5 @D5 F? '9GH5 H9'
 ' ('79BHF5 @5J9BI 9'
 K 9GH'AC @G9M'
 GI FF9M'?H, '&EN'
 H9 @\$&\$, +, ' ' \$) \$&\$, +\$++\$++(+'
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 K 96 G-H9.'k k k 'glc_j]gVc]Yfg'Wta