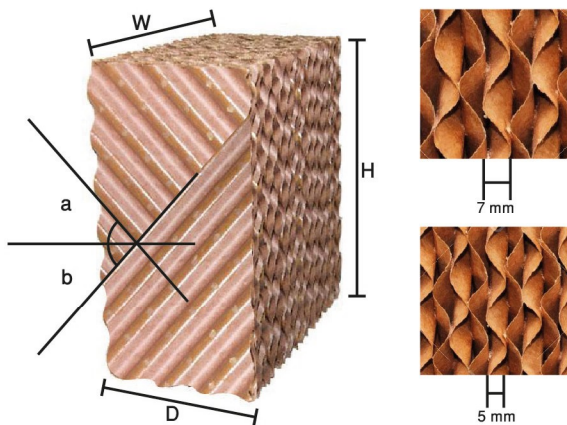


## Application

- Domestic cooling (evaporative air cooler)
- Agriculture industry (Poultry farms, Greenhouse, Livestock)
- Industrial (Gas turbine Generators, Textile industry, condensers)

## Features

- Self cleaning
- Long life time
- Low running costs
- No water carry-over
- Environmentally friendly
- Quick and easy to install
- Superb wetting properties
- High evaporation efficiency
- Low pressure drop when wet, leading to lower operating costs



| Model  | 5090           | 7090           |
|--------|----------------|----------------|
| H (mm) | 1500,1800,2000 | 1500,1800,2000 |
| W (mm) | 300 to 1000    | 300,600,900    |
| D (mm) | 100,150        | 100,150        |
| h (mm) | 5              | 7              |
| a      | 45             | 45             |
| β      | 45             | 45             |

| COOLING EFFICIENCY FOR 7090 |                 |         |         |         |         |
|-----------------------------|-----------------|---------|---------|---------|---------|
| PANEL THICKNESS             | AIR SPEED (M/s) |         |         |         |         |
|                             | 0,5 M/s         | 1,0 M/s | 1,5 M/s | 2,0 M/s | 2,5 M/s |
| 100 mm.                     | 72,3 %          | 71,5 %  | 70,2 %  | 68,1 %  | 66,0%   |
| 150 mm.                     | 83,2 %          | 82,5 %  | 80,0 %  | 78,5 %  | 77,0 %  |

| COOLING EFFICIENCY FOR 5090 |                 |         |         |         |         |
|-----------------------------|-----------------|---------|---------|---------|---------|
| PANEL THICKNESS             | AIR SPEED (M/s) |         |         |         |         |
|                             | 1,0 M/s         | 1,5 M/s | 2,0 M/s | 2,5 M/s | 3,0 M/s |
| 100 mm.                     | 91%             | 88%     | 86%     | 84%     | 82%     |
| 150 mm.                     | 97%             | 95%     | 94%     | 93%     | 92%     |

| PRESSURE DROP IN W.C. FOR 7090 |                 |         |         |         |         |
|--------------------------------|-----------------|---------|---------|---------|---------|
| PANEL THICKNESS                | AIR SPEED (M/s) |         |         |         |         |
|                                | 0,5 M/s         | 1,0 M/s | 1,5 M/s | 2,0 M/s | 2,5 M/s |
| 100 mm.                        | 0,5             | 7,3     | 11,3    | 17,9    | 21,3    |
| 150 mm.                        | 1,7             | 8,4     | 13,5    | 19,5    | 26,5    |

| PRESSURE DROP IN W.C. FOR 5090 |                 |         |         |         |         |
|--------------------------------|-----------------|---------|---------|---------|---------|
| PANEL THICKNESS                | AIR SPEED (M/s) |         |         |         |         |
|                                | 1,0 M/s         | 1,5 M/s | 2,0 M/s | 2,5 M/s | 3,0 M/s |
| 100 mm.                        | 15              | 25      | 40      | 50      | 60      |
| 150 mm.                        | 25              | 50      | 60      | 80      | 120     |

