DESCRIPTION
The HCM Series can be wall or window mounted. It is designed specifically for exhausting air from domestic and commercial installations such as kitchens, bathrooms, store-rooms and all types of small or confined areas.

Typical Applications
Exhaust from kitchens, ensuites, bathrooms, store-rooms and other small commercial installations.

Suitable for installations where maximum ambient temperature does not exceed 40°C. Optional weather cap is highly recommended for applications where external grille is exposed to direct sun and strong winds.

Features
- Available in 3 sizes for 230V supply.
- All models incorporate air operated shutters.
- Impeller blades are sickle shaped for high performance.
- Quiet operation.
- IPX4 rated.
- Weather Cap optional for protection against harsh external conditions.
- Suitable for mounting on vertical plain only.
- For wall mounting, a kit of threaded “wall rods” and sleeves can be supplied as an optional extra. Caters for walls ranging in thickness from 25 to 300mm.

Construction
Weather and impact resistant plastic housings.

Motors
Type-squirrel cage, capacitor run.
Electricity supply - single-phase 230V, 50Hz.
Bearings - sleeve.
Class B motor, IPX4 rated.

Internal Thermal Protection
Fuse type

ANCILLARY EQUIPMENT
- Weather Cap Ref. A-11
- WALLRODSPK - Wall rods Ref. J-10
- WP - Wall plate Ref. J-11
- WT - Wall tube Ref. J-11
- VZ - Run-on timer Ref. M-14

TECHNICAL DATA

Testing
Air flow to ISO5801:1997
Noise to BS848:Part 2, 1985

Wiring Diagram
See page N-8, diagram ER4.

NOISE DATA

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Sound Power Levels Lw dB re 1pW</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>63</td>
</tr>
<tr>
<td>HCM-150N</td>
<td>53</td>
</tr>
<tr>
<td>HCM-180N</td>
<td>54</td>
</tr>
<tr>
<td>HCM-225N</td>
<td>70</td>
</tr>
</tbody>
</table>

SUGGESTED SPECIFICATION
The wall/window fans shall be of the HCM Series as supplied by Fantech Pty Ltd and be of the model numbers shown.

HOW TO ORDER
Select the model that exhausts the closest to your requirements. If the performance required falls between two fans, it is recommended you select the one handling the most air.

Scan the QR code to view more information online.
**WEATHER CAP**

Optional external weather cap to suit HCM fans for exposed wall mounted locations to provide additional protection against direct sun, high wind and rain.

Features include:
- low profile design
- available as a separate component
- colour matched to suit fan (white)
- bird mesh fitted as standard

**FEATURES**

- **HCM-150CAP** - suits HCM-150N fan
- **HCM-180CAP** - suits HCM-180N fan

**HOW TO ORDER**

- HCM - Fan Type
- CAP - Weather Cap

**DIMENSIONS**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Dimensions, mm</th>
<th>AØ</th>
<th>B</th>
<th>C</th>
<th>DØ, Hole cut-out</th>
</tr>
</thead>
<tbody>
<tr>
<td>HCM-150N</td>
<td>214 63 35</td>
<td>214</td>
<td>63</td>
<td>35</td>
<td>183 - 188</td>
</tr>
<tr>
<td>HCM-180N</td>
<td>255 100 35</td>
<td>255</td>
<td>100</td>
<td>35</td>
<td>220 - 225</td>
</tr>
<tr>
<td>HCM-225N</td>
<td>298 90 35</td>
<td>298</td>
<td>90</td>
<td>35</td>
<td>262 - 267</td>
</tr>
</tbody>
</table>