The WINDCATCHER Classic is an energy free Natural Ventilation system encompassing the benefits of both top-down and passive stack ventilation. The system consists of an external louvre protected internally by Trilayer Weather Protection and is internally divided. The simple, but effective design of the system provides fresh air during the daytime as well as night-time cooling. When coupled with Monodraught’s iNVent 2 control system (or similar BMS), and operated under Monodraught proven strategy, the system is capable of providing temperature and CO₂ demand controlled ventilation, by means of energy efficient motorised volume control dampers.

Due to the flexibility of the WINDCATCHER Classic, the system can be tailored to suit the needs of almost any area. The systems technological ability has been proven within schools, colleges, healthcare environments, commercial properties as well as many other areas.

**Why Choose WINDCATCHER Classic?**

**Healthier**
- Introduces natural ventilation within a building reducing CO₂ levels
- Creates and maintains a comfortable working environment
- Expels stale air

**Cost Effective**
- Not affected by rising energy costs
- No running costs for the life of the product

**No Maintenance**
- This means no disturbance, particularly useful in the health and education sectors

**Sustainable Energy in Action**
- Uses no fossil fuels
- Maximises the use of wind power and the natural stack effect of thermal buoyancy
- Night Time Cooling utilises free cooling to cool the fabric of the building

**Long Term Track Record**
- Monodraught have been utilising Natural Ventilation for over 40 years
**Technical Details**

**Material**
- GRP body with gel coat finish
- Tri-layer weather protection

**Options**
- Colours: Available in any RAL or BS 4800 colour (Excludes RAL & BS metallic finishes)
- Truncated capping to suit specified pitch
- Modified & extended skirt arrangements (to suit specified roof pitch and alternate upstand arrangements, on request)
- Acoustic foam (25 mm, 50 mm)

**Guarantee**
- 10 year limited warranty

**Performance**
- Sound: BS EN 20140 - 10:1992
- Colours: Available in any RAL or BS 4800 colour (Excludes RAL & BS metallic finishes)
- Modified & extended skirt arrangements (to suit specified pitch and alternate upstand arrangements, on request)
- Acoustic foam (25 mm, 50 mm)

**Dimensions**
- Dim A: Capping Width
- Dim B: Capping Height
- Dim C: Louvre Height
- Dim D: Skirt Height
- Dim E: Trunk Length
- Dim F: Trunk Width
- 40 mm high louvre opening
- 70 mm louvre pitch

**Guarantee**
- 10 year limited warranty

**Wiring Details**

**Product Options**

- **Standard Capping**

- **Truncated Capping**

**Modes of Operation**

**Night Time and Mid-Season Operation**

The Monodraught WINDCATCHER will still continue to operate during mid-seasons, in the evenings or at weekends, when the building is unoccupied, providing all the benefits of this “free air conditioning”. The WINDCATCHER system is not dependent on openable windows or vents in the side of the building, allowing the building to remain fully secure.

This is particularly important during warmer periods. The system will continue to operate in Night Time Cooling mode utilising the cooler night time air to remove heat from the fabric of the building and cool the room ready for the next day.

Volume control dampers at the base of the system at ceiling level will precisely control the amount of airflow through the system. If the internal temperature falls below 15°C the dampers will automatically close to prevent over cooling.

**Wiring Details**

**Cable Specification**

- **3-Core Cable:**
  - PVC Cable: 2240119
    - RS: 660-4087
    - Elec. Wholesaler: 16-2-3A
    - CSA: 0.5mm² (Stranded)

- **LSZH Cable:**
  - Elec. Wholesaler: 1896L
    - CSA: 0.5mm² (Stranded)

- **4-Core Cable (Optional):**
  - PVC Cable: 2240121
    - RS: 660-4096
    - Elec. Wholesaler: 16-2-4A
    - CSA: 0.5mm² (Stranded)

- **LSZH Cable:**
  - Elec. Wholesaler: 1896/4L
    - CSA: 0.5mm² (Stranded)

**Supply of fresh air down into the room below, thereby slightly pressurising the building and increasing the outward flow of stale air. Perimeter windows can be utilised to aid cross flow ventilation.**

With fresh air coming in through the windows on the windward side of the building, stale air will be exhausted through the passive stack element of the WINDCATCHER system.

**Winter Operation**

To minimise ventilation heat loss, control is essential. Monodraught achieve this through the use of insulated (U-Value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls system which is in turn linked to internal and external temperature sensors and CO2 sensors. This allows the systems to continuously meet occupant loading without over ventilating an area, maintaining carbon dioxide concentrations in the 1000 ppm to 1500 ppm range.

Such control can most efficiently be achieved by ensuring that the building structure is airtight and therefore Monodraught specify a damper with low leakage rates of 2.76m³/hr/m² at 50Pa static pressure.

**In the summer months, warm air will naturally rise to ceiling level and out of the system. At the same time any prevailing wind on the WINDCATCHER system carries a supply of fresh air down into the room below, thereby slightly pressurising the building and increasing the outward flow of stale air. Perimeter windows can be utilised to aid cross flow ventilation.**

**With fresh air coming in through the windows on the windward side of the building, stale air will be exhausted through the passive stack element of the WINDCATCHER system.**

This is particularly important during warmer periods. The system will continue to operate in Night Time Cooling mode utilising the cooler night time air to remove heat from the fabric of the building and cool the room ready for the next day.

Volume control dampers at the base of the system at ceiling level will precisely control the amount of airflow through the system. If the internal temperature falls below 15°C the dampers will automatically close to prevent over cooling.

**Volume Control**

- **Volume Control Dampers:**
  - At Rest Wire Sizing
  - Running time: 150 s / 95° (for volume control damper)

**Volume Control Wiring Details**

- **Power consumption:**
  - IP54 rated actuator motor
  - Running time: 150 s / 95° (for volume control damper)
  - Power supply range: 19.2 – 28.8 V DC.

**Dimensions**

- Size: 95 2 W 0.4 W 4 VA
- Size: 125 2 W 0.4 W 4 VA
- Size: 155 2 W 0.4 W 4 VA
- Size: 185 4 W 0.8 W 8 VA

**Wiring Details**

**Cable Specification**

- **3-Core Cable:**
  - PVC Cable: 2240119
    - RS: 660-4087
    - Elec. Wholesaler: 16-2-3A
    - CSA: 0.5mm² (Stranded)

- **LSZH Cable:**
  - Elec. Wholesaler: 1896L
    - CSA: 0.5mm² (Stranded)

- **4-Core Cable (Optional):**
  - PVC Cable: 2240121
    - RS: 660-4096
    - Elec. Wholesaler: 16-2-4A
    - CSA: 0.5mm² (Stranded)

- **LSZH Cable:**
  - Elec. Wholesaler: 1896/4L
    - CSA: 0.5mm² (Stranded)
The WINDCATCHER classic is an energy free Natural Ventilation system encompassing the benefits of both top-down and passive stack ventilation. The system consists of an external louvre protected internally by Trilayer Weather Protection and is internally divided. The simple, but effective design of the system provides fresh air during the daytime as well as night-time cooling. When coupled with Monodraught’s iNVent 2 control system (or similar BMS), and operated under Monodraught proven strategy, the system is capable of providing temperature and CO₂ demand controlled ventilation, by means of energy efficient motorised volume control dampers.

Due to the flexibility of the WINDCATCHER Classic, the system can be tailored to suit the needs of almost any area. The systems technological ability has been proven within schools, colleges, healthcare environments, commercial properties as well as many other areas.

### Why Choose Windcatcher Classic?

**Healthier**
- Introduces natural ventilation within a building reducing CO₂ levels
- Creates and maintains a comfortable working environment
- Expels stale air

**Cost Effective**
- Not affected by rising energy costs
- No running costs for the life of the product

**No Maintenance**
- This means no disturbance, particularly useful in the health and education sectors

**Sustainable Energy in Action**
- Uses no fossil fuels
- Maximises the use of wind power and the natural stack effect of thermal buoyancy
- Night Time Cooling utilises free cooling to cool the fabric of the building

**Long Term Track Record**
- Monodraught have been utilising Natural Ventilation for over 40 years
Wiring Details

Product Options
- Standard Capping

Modes of Operation

Night Time and Mid-Season Operation
The Monodraught WINDCATCHER will still continue to operate during mid-seasons, in the evenings or at weekends, when the building is unoccupied, providing all the benefits of this “free air conditioning”. The WINDCATCHER system is not dependent on openable windows or vents in the side of the building, allowing the building to remain fully secure.

This is particularly important during warmer periods. The system will continue to operate in Night Time Cooling mode utilising the cooler night time air to remove heat from the fabric of the building and cool the room ready for the next day.

Volume control dampers at the base of the system at ceiling level will precisely control the amount of airflow through the system. If the internal temperature falls below 15°C the dampers will automatically close to prevent over cooling.

Summer Operation
In the summer months, warm air will naturally rise to ceiling level and out of the system. At the same time any prevailing wind on the WINDCATCHER system carries supply of fresh air down into the room below, thereby slightly pressurising the building and increasing the outward flow of stale air. Perimeter windows can be utilised to aid cross flow ventilation.

With fresh air coming in through the windows on the windward side of the building, stale air will be exhausted through the passive stack element of the WINDCATCHER system.

Winter Operation
To minimise ventilation heat loss, control is essential. Monodraught achieve this through the use of insulated (U-value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls system which is in turn linked to internal and external temperature sensors and CO₂ sensors. This allows the systems to continuously meet occupant loading without over ventilating an area, maintaining carbon dioxide concentrations in the 1000 ppm to 1500 ppm range.

Such control can most efficiently be achieved by ensuring that the building structure is airtight and therefore Monodraught specify a damper with low leakage rates of 2.76m³/hr/m² at 50Pa static pressure.

Cable Specification

3-Core Cable:
- PVC Cable
  - Farnell: 2240119
  - RS: 660-4087
  - Elec. Wholesaler: 16-2-3A
  - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elec. Wholesaler: 1896L
  - CSA: 0.5mm² (Stranded)

4-Core Cable (Optional):
- PVC Cable
  - Farnell: 2240121
  - RS: 660-4096
  - Elec. Wholesaler: 16-2-4A
  - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elec. Wholesaler: 1896/4L
  - CSA: 0.5mm² (Stranded)
The WINDCATCHER classic is an energy free Natural Ventilation system encompassing the benefits of both top-down and passive stack ventilation. The system consists of an external louvre protected internally by Trilayer Weather Protection and is internally divided. The simple, but effective design of the system provides fresh air during the daytime as well as night-time cooling. When coupled with Monodraught’s iNVent 2 control system (or similar BMS), and operated under Monodraught proven strategy, the system is capable of providing temperature and CO₂ demand controlled ventilation, by means of energy efficient motorised volume control dampers.

Due to the flexibility of the WINDCATCHER Classic, the system can be tailored to suit the needs of almost any area. The systems technological ability has been proven within schools, colleges, healthcare environments, commercial properties as well as many other areas.

**Why Choose WINDCATCHER Classic?**

**Healthier**
- Introduces natural ventilation within a building reducing CO₂ levels
- Creates and maintains a comfortable working environment
- Expels stale air

**Cost Effective**
- Not affected by rising energy costs
- No running costs for the life of the product

**No Maintenance**
- This means no disturbance, particularly useful in the health and education sectors

**Sustainable Energy in Action**
- Uses no fossil fuels
- Maximises the use of wind power and the natural stack effect of thermal buoyancy
- Night Time Cooling utilises free cooling to cool the fabric of the building

**Long Term Track Record**
- Monodraught have been utilising Natural Ventilation for over 40 years
Product Options

- **Oval Capping**

- **Rectangular Capping**

**Technical Details**

**Material**
- GRP body with gel coat finish
- Trilayer weather protection

**Options**
- Colours: Available in any RAL or BS 4800 colour (Excludes RAL & BS metallic finishes)
- Truncated capping to suit specified pitch
- Modified & extended skirt arrangements (to suit specified roof pitch and alternate upstand arrangements, on request)
- Acoustic foam (25 mm, 50 mm)

**Dimensions (Oval)**
- Overall size: dependent on ventilation rate required well as opening and installation arrangements
- Front and rear elevations can be either vertical or slanted dependant on requirement (for slanted systems, faces can be angled to no more than 60° from the horizontal)
- Minimum 2No. louvre openings required
- 150 mm (h), minimum skirt depth
- 40 mm high louvre opening
- 70 mm louvre pitch

**Dimensions (Rectangular)**
- Overall size will be dependent on ventilation rate required by specified during calculation stages, as well as opening and installation arrangements
- Overall louvre height at face can be calculated by multiplying the number of free louvres by the louvre pitched + 40 mm
- 150 mm (h), minimum skirt depth
- Minimum 2No. louvre openings required
- 150 mm (h), minimum skirt depth
- 40 mm high louvre opening
- 70 mm louvre pitch

**Guarantee**
- 10 year limited warranty

**Performance**
- Sound: BS EN 20140 - 10:1992
- Power supply range: 19.2 – 28.8 V DC
- Running time: 150 s / 95° (for volume control damper)
- IP54 rated actuator motor
- Power consumption: 2W @ nominal force, 0.4W at rest, 4VA wire sizing

**Security**
- Monodraught achieve this through the use of insulated (U-Value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls (U-Value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls
- To ensure the building structure is airtight and therefore Monodraught specify a damper with low leakage rates of 2.76m³/hr/m² at 50Pa static pressure.

**Guarantee**
- 10 year limited warranty

**Options**
- Trilayer weather protection
- Acoustic foam (25 mm, 50 mm)
- Modified & extended skirt arrangements (to suit specified roof pitch and alternate upstand arrangements, on request)
- Truncated capping (to suit specified pitch and alternate upstand arrangements, on request)

**Modes of Operation**

**Night Time and Mid-Season Operation**

The Monodraught WINDCATCHER will still continue to operate during mid-seasons, in the evenings or at weekends, when the building is unoccupied, providing all the benefits of this “free air conditioning”. The WINDCATCHER system is not dependent on openable windows or vents in the side of the building, allowing the building to remain fully secure.

This is particularly important during warmer periods. The system will continue to operate in Night Time Cooling mode utilising the cooler night time air to remove heat from the fabric of the building and cool the room ready for the next day.

Volume control dampers at the base of the system at ceiling level will precisely control the amount of airflow through the system. If the internal temperature falls below 15°C the dampers will automatically close to prevent over cooling.

**Summer Operation**

In the summer months, warm air will naturally rise to ceiling level and out of the system. At the same time any prevailing wind on the WINDCATCHER system carries a supply of fresh air down into the room below, thereby slightly pressurising the building and increasing the outward flow of stale air. Perimeter windows can be utilised to aid cross flow ventilation.

With fresh air coming in through the windows on the windward side of the building, stale air will be exhausted through the passive stack element of the WINDCATCHER system.

**Winter Operation**

To minimise ventilation heat loss, control is essential. Monodraught achieve this through the use of insulated (U-Value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls which is in turn linked to internal and external temperature sensors and CO2 sensors. This allows the systems to continuously meet occupant loading without over ventilating an area, maintaining carbon dioxide concentrations in the 1000 ppm to 1500 ppm range.

Such control can most efficiently be achieved by ensuring that the building structure is airtight and therefore Monodraught specify a damper with low leakage rates of 2.76m³/hr/m² at 50Pa static pressure.

**Wiring Details**

**Cable Specification**

3-Core Cable:
- PVC Cable
- Farnell: 2240119
- RS: 660-4087
- Elec. Wholesaler: 16-2-3A
- CSA: 0.5mm² (Stranded)

4-Core Cable (Optional):
- PVC Cable
- Farnell: 2240121
- RS: 660-4096
- Elec. Wholesaler: 16-2-4A
- CSA: 0.5mm² (Stranded)
- CSA: 0.5mm² (Stranded)
The WINDCATCHER classic is an energy free Natural Ventilation system encompassing the benefits of both top-down and passive stack ventilation. The system consists of an external louvre protected internally by Trilayer Weather Protection and is internally divided. The simple, but effective design of the system provides fresh air during the daytime as well as night-time cooling. When coupled with Monodraught’s iNVent 2 control system (or similar BMS), and operated under Monodraught’s proven strategy, the system is capable of providing temperature and CO₂ demand controlled ventilation, by means of energy efficient motorised volume control dampers.

Due to the flexibility of the WINDCATCHER Classic, the system can be tailored to suit the needs of almost any area. The flexibility of the design of the system also allows for it to fit with almost any building design providing a seamless look or a striking effect. Whatever is required, the WINDCATCHER Classic can be made to exact requirements.

**Why Choose WINDCATCHER Classic?**

**Healthier**
- Introduces natural ventilation within a building reducing CO₂ levels
- Creates and maintains a comfortable working environment
- Expels stale air

**Cost Effective**
- Not affected by rising energy costs
- No running costs for the life of the product

**No Maintenance**
- This means no disturbance, particularly useful in the health and education sectors

**Sustainable Energy in Action**
- Uses no fossil fuels
- Maximises the use of wind power and the natural stack effect of thermal buoyancy
- Night Time Cooling utilises free cooling to cool the fabric of the building

**Long Term Track Record**
- Monodraught have been utilising Natural Ventilation for over 40 years
Technical Details

**Material**
- GRP body with gel coat finish
- Trilayer weather protection

**Options**
- Colours: Available in any RAL or BS 4800 colour (Excludes RAL & BS metallic finishes)
- Truncated capping (to suit specified pitch)
- Modified & extended skirt arrangements (to suit specified roof pitch and alternate upstand arrangements, on request)
- Acoustic foam (25 mm, 50 mm)

**Guarantee**
- 10 year limited warranty

Product Options

- Shape

Modes of Operation

**Night Time and Mid-Season Operation**

The Monodraught WINDCATCHER will still continue to operate during mid-seasons, in the evenings or at weekends, when the building is unoccupied, providing all the benefits of this “free air conditioning”. The WINDCATCHER system is not dependent on openable windows or vents in the side of the building, allowing the building to remain fully secure.

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Volume control dampers at the base of the system at ceiling level will precisely control the amount of airflow through the system. If the internal temperature falls below 15°C the dampers will automatically close to prevent over cooling.

**Summer Operation**

In the summer months, warm air will naturally rise to ceiling level and out of the system. At the same time any prevailing wind on the WINDCATCHER system carries a supply of fresh air down into the room below, thereby slightly pressurising the building and increasing the outward flow of stale air. Perimeter windows can be utilised to aid cross flow ventilation.

With fresh air coming in through the windows on the windward side of the building, stale air will be exhausted through the passive stack element of the WINDCATCHER system.

**Winter Operation**

To minimise ventilation heat loss, control is essential. Monodraught achieve this through the use of insulated (U-Value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls system which is in turn linked to internal and external temperature sensors and CO₂ sensors. This allows the systems to continuously meet occupant loading without over ventilating an area, maintaining carbon dioxide concentrations in the 1000 ppm to 1500 ppm range.

Such control can most efficiently be achieved by ensuring that the building structure is airtight and therefore Monodraught specify a damper with low leakage rates of 2.76m³/hr/m² at 50Pa static pressure.

Wiring Details

![Wiring Diagram]

Cable Specification

**3-Core Cable:**
- PVC Cable
  - Farnell: 2240119
  - RS: 660-4087
  - Elect. Wholesaler: 16-2-3A
    - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elect. Wholesaler: 1896L
    - CSA: 0.5mm² (Stranded)

**4-Core Cable (Optional):**
- PVC Cable
  - Farnell: 2240121
  - RS: 660-4096
  - Elect. Wholesaler: 16-2-4A
    - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elect. Wholesaler: 1896/4L
    - CSA: 0.5mm² (Stranded)
The WINDCATCHER Heritage is an energy free Natural Ventilation system encompassing the benefits of both top-down and passive stack ventilation. The system consists of an external louvre protected internally by Trilayer Weather Protection and is internally divided. In addition to the standard WINDCATCHER components, the Heritage systems visual construction enables it to fit aesthetically with many traditional building styles, whilst providing fresh air during the daytime as well as night-time cooling. When coupled with Monodraught’s iNVent 2 control system (or similar BMS), and operated under Monodraught’s proven strategy, the system is capable of providing temperature and CO₂ demand controlled ventilation, by means of energy efficient motorised volume control dampers.

Due to the flexibility of the WINDCATCHER Heritage, the system can be tailored to suit the needs of almost any area. The systems technological ability has been proven within schools, colleges, healthcare environments, commercial properties as well as many other areas.

**Why Choose WINDCATCHER Classic?**

**Healthier**
- Introduces natural ventilation within a building reducing CO₂ levels
- Creates and maintains a comfortable working environment
- Expels stale air

**Cost Effective**
- Not affected by rising energy costs
- No running costs for the life of the product

**No Maintenance**
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**Sustainable Energy in Action**
- Uses no fossil fuels
- Maximises the use of wind power and the natural stack effect of thermal buoyancy
- Night Time Cooling utilises free cooling to cool the fabric of the building

**Long Term Track Record**
- Monodraught have been utilising Natural Ventilation for over 40 years
Technical Details

Material
- GRP body with gel coat finish
- Trilayer weather protection

Options
- Colours: Available in any RAL or BS 4800 colour (Excludes RAL & BS metallic finishes)
- Modified & extended skirt arrangements (to suit specified roof pitch and alternate upstand arrangements, on request)
- Acoustic foam (25 mm, 50 mm)

Guarantee
- 10 year limited warranty

Performance
- Sound: BS EN 20140 - 10:1992

Product Options
- **Heritage Capping**

![Heritage Capping Diagram]

Product Options

<table>
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<th>Options</th>
<th>Description</th>
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Modes of Operation

**Night Time and Mid-Season Operation**

The Monodraught WINDCATCHER will still continue to operate during mid-seasons, in the evenings or at weekends, when the building is unoccupied, providing all the benefits of this “free air conditioning”. The WINDCATCHER system is not dependent on openable windows or vents in the side of the building, allowing the building to remain fully secure.

This is particularly important during warmer periods. The system will continue to operate in Night Time Cooling mode utilising the cooler night time air to remove heat from the fabric of the building and cool the room ready for the next day.

**Volume control dampers at the base of the system at ceiling level will precisely control the amount of airflow through the system, if the internal temperature falls below 15°C the dampers will automatically close to prevent over cooling.**

**Summer Operation**

In the summer months, warm air will naturally rise to ceiling level and out of the system. At the same time any prevailing wind on the WINDCATCHER system carries a supply of fresh air down into the room below, thereby slightly pressurising the building and increasing the outward flow of stale air. Perimeter windows can be utilised to aid cross flow ventilation.

With fresh air coming in through the windows on the windward side of the building, stale air will be exhausted through the passive stack element of the WINDCATCHER system.

**Winter Operation**

To minimise ventilation heat loss, control is essential. Monodraught achieve this through the use of insulated (U-Value of 1.2W/m) fully modulating dampers in conjunction with our fully automatic iNVent 2 controls system which is in turn linked to internal and external temperature sensors and CO₂ sensors. This allows the systems to continuously meet occupant loading without over ventilating an area, maintaining carbon dioxide concentrations in the 1000 ppm to 1500 ppm range. Such control can most efficiently be achieved by ensuring that the building structure is airtight and therefore Monodraught specify a damper with low leakage rates of 2.76m³/hr/m² at 50Pa static pressure.

**3-Core Cable:**
- PVC Cable
  - Farnell: 2240119
  - RS: 660-4087
  - Elec. Wholesaler: 16-2-3A
  - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elec. Wholesaler: 1896L
  - CSA: 0.5mm² (Stranded)

**4-Core Cable (Optional):**
- PVC Cable
  - Farnell: 2240121
  - RS: 660-4096
  - Elec. Wholesaler: 16-2-4A
  - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elec. Wholesaler: 1896/4L
  - CSA: 0.5mm² (Stranded)

Dimensions

<table>
<thead>
<tr>
<th>Dim A: Capping Width</th>
<th>Dim B: Capping Height</th>
<th>Dim C: Louvre Height</th>
<th>Dim D: Skirt Height</th>
<th>Dim E: Trunk Length</th>
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WINDCATCHER Heritage System - Dimensions

![WINDCATCHER Heritage System Diagram]

**WINDCATCHER Heritage System - Dimensions**

<table>
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<th>System Size</th>
<th>Capping Width</th>
<th>Capping Height</th>
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<th>Trunk Length</th>
<th>Trunk Width</th>
<th>Weight</th>
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<th>Louvre Free Area</th>
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<tbody>
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<td>Dim B</td>
<td>Dim C</td>
<td>Dim D</td>
<td>Dim E</td>
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<td>79</td>
<td>8</td>
<td>0.256</td>
<td></td>
</tr>
<tr>
<td>155 1400</td>
<td>563</td>
<td>740</td>
<td>220</td>
<td>278</td>
<td>1000</td>
<td>118</td>
<td>11</td>
<td>0.484</td>
<td></td>
</tr>
<tr>
<td>185 1600</td>
<td>652</td>
<td>880</td>
<td>220</td>
<td>278</td>
<td>1200</td>
<td>158</td>
<td>13</td>
<td>0.676</td>
<td></td>
</tr>
</tbody>
</table>

*Dimension may change subject to roof construction, pitch, roof thickness, installation method and upstand requirements. All dimensions shown in mm.

Wiring Details

![Wiring Diagram]

**Wiring Details**

**Cable Specification**

3-Core Cable:
- PVC Cable
  - Farnell: 2240119
  - RS: 660-4087
  - Elec. Wholesaler: 16-2-3A
  - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elec. Wholesaler: 1896L
  - CSA: 0.5mm² (Stranded)

4-Core Cable (Optional):
- PVC Cable
  - Farnell: 2240121
  - RS: 660-4096
  - Elec. Wholesaler: 16-2-4A
  - CSA: 0.5mm² (Stranded)
- LSZH Cable
  - Elec. Wholesaler: 1896/4L
  - CSA: 0.5mm² (Stranded)