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Flexible SUNPIPE®

The most compelling reason for using Monodraught Sunpipe systems is to bring natural daylight to areas that don't have any windows. Adding a window or installing a skylight is not always possible or cost-effective.

Sunpipes are a great solution that enable you to create brighter and sustainable indoor environments for happier, healthier and more productive occupants.

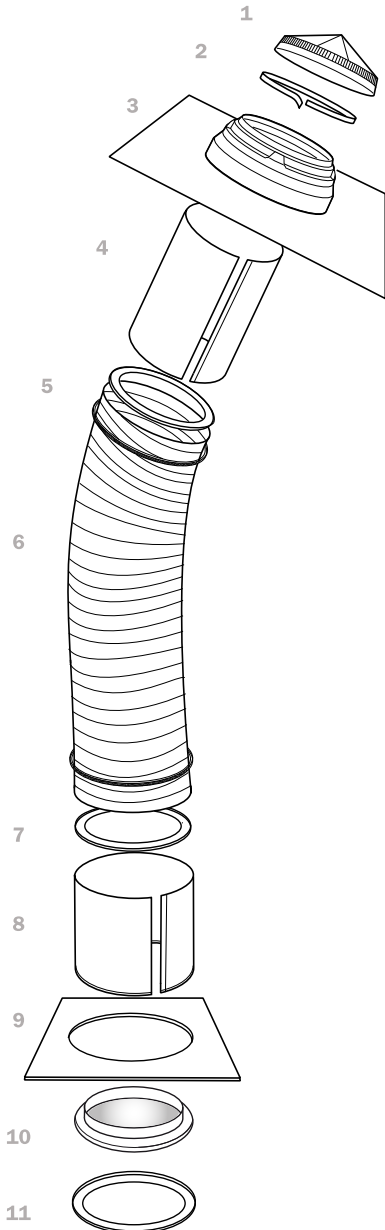
Exposure to Natural Daylight has the following benefits by boosting the production of hormones:

- Maintains the circadian rhythm
- Reduces depression
- Alleviates pain
- Improves sleep pattern and mood

Additional Sunpipe benefits

- 10 years guarantee
- 75% reduction in lighting costs thereby also reducing carbon footprint
- Reduce heat-loss compared to traditional roof-lights
- Sunpipes are easy to install
- No maintenance required
- No structural alterations
- Suitable for all roof types

Components for a Standard Flexible SUNPIPE System



- 1. Diamond Dome**
- 2. Brushed nylon condensation sealing gasket**
- 3. ABS Flashing Plate for Slate Pitched Roof**
- 4. SUNPIPE Plain End Connecting Piece**
- 5. Speed Clamps**
 - 2 x 300 mm and 450 mm dia: Use at both ends.
 - 1 x 530 mm dia: Use at top rigid end only.
- 6. Flexible SUNPIPE**
- 7. 2 White Adaptor Rings**
300 mm and 450 mm dia only: Use at both ends of the Flexible SUNPIPE.
- 8. SUNPIPE Slip Length**
Slides over ceiling diffuser.
- 9. 3 mm Plywood Backing Plate**
Template for marking ceiling opening and additional ceiling support
- 10. Micro Prism Ceiling diffuser**
Double glazed ceiling diffuser designed for best dispersion of natural daylight.
- 11. Clip on Diffuser Trim**
White ABS diffuser fascia.

SUNPIPE Size Selection

| SUNPIPE Size | Area to be Lit (To a Normal Daylight Condition) | |
|------------------|--|--|
| | Flexible SUNPIPE | Rigid SUNPIPE |
| 300 mm (12" dia) | Approx 5 m ² (55 Sq. ft.) | Approx 14 m ² (150 Sq. ft.) |
| 450 mm (18" dia) | Approx 7.5 m ² (80 Sq. ft.) | Approx 22 m ² (230 Sq. ft.) |
| 530 mm (21" dia) | Approx 10 m ² (110 Sq. ft.) | Approx 40 m ² (430 Sq. ft.) |

Roof Type Selection



Plain Tile



Bold Roll



Slate

The advantages of the flexible lightpipe concept is the ease of fixing and installation within the roof space and the resultant lower cost.

The Monodraught Flexible SUNPIPE however, will not only incorporate this ease of installation but the complete system will have the advantages of Monodraught's patented Diamond Dome and the patented ABS universal flashing.

| Flexible SUNPIPE Kit Size | Price £ |
|-----------------------------|---------|
| 300 mm Slate Kit | £194.00 |
| 450 mm Slate Kit | £290.00 |
| 530 mm Slate Kit | £358.00 |
| 300 mm Plain Tile Kit | £194.00 |
| 450 mm Plain Tile Kit | £290.00 |
| 530 mm Plain Tile Kit | £358.00 |
| 300 mm Bold Rolled Tile Kit | £259.00 |
| 450 mm Bold Rolled Tile Kit | £370.00 |
| 530 mm Bold Rolled Tile Kit | £454.00 |

- Every flexible SUNPIPE includes Monodraught's patented Diamond Dome and 500 mm length of the original rigid SUNPIPE tube for a higher level of performance.
- The flexible SUNPIPE has an internal surface of metalised polyester bonded to a reinforced aluminium base which incorporates a super reflective UV resistant laminate.
- The flexible SUNPIPE is fully insulated with a twin skin fibreglass material.
- Spring steel framework hold its rigidity when pulled tight.
- Tough outer coating prevents accidental tearing or damage.
- Compliant with British Standards Fire Test Certification BS476, parts 6, 7 & 20.

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