

Orientation Chart - Showing % of yearly output available for various orientation tilts (as % of maximum)

| | | Orientation - Compass bearing (°) measured from North | | | | | | | | | | | | |
|----------------------------|-----------|---|------|------|------------|------|------|---------------|------|------|------------|------|------|-------------|
| | | West 270° | 255° | 240° | SW 225° | 210° | 195° | South 180° | 165° | 150° | SE 135° | 120° | 105° | EAST 90° |
| Tilt (°) from Horiz. | Horiz. 0° | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| | 10° | 89 | 91 | 92 | 94 | 95 | 95 | 96 | 95 | 95 | 94 | 93 | 91 | 90 |
| | 20° | 87 | 90 | 93 | 96 | 97 | 98 | 98 | 98 | 97 | 96 | 94 | 91 | 88 |
| | 30° | 86 | 89 | 93 | 96 | 98 | 99 | 100 | 100 | 98 | 96 | 94 | 90 | 86 |
| | 40° | 82 | 86 | 90 | 95 | 97 | 99 | 100 | 99 | 98 | 96 | 92 | 88 | 84 |
| | 50° | 78 | 84 | 88 | 92 | 95 | 96 | 97 | 97 | 96 | 93 | 89 | 85 | 80 |
| | 60° | 74 | 79 | 84 | 87 | 90 | 91 | 93 | 93 | 92 | 89 | 86 | 81 | 76 |
| | 70° | 69 | 74 | 78 | 82 | 85 | 86 | 87 | 87 | 86 | 84 | 80 | 76 | 70 |
| | 80° | 63 | 68 | 72 | 75 | 77 | 79 | 80 | 80 | 79 | 77 | 74 | 69 | 65 |
| | Vert. 90° | 56 | 60 | 64 | 67 | 69 | 71 | 71 | 71 | 71 | 69 | 65 | 62 | 58 |

Note: Near horizontal 0° inclinations are not recommended as the self-cleaning can not be relied on up to about 10°.