

# Blackbird P60



## General Information

|                    |                      |
|--------------------|----------------------|
| Model              | Blackbird P60        |
| Construction type  | Monoblock, Air-Water |
| Refrigerant        | R290 (Propane)       |
| Refrigerant weight | 1250 grams           |

## Capacity

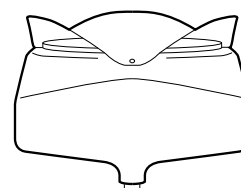
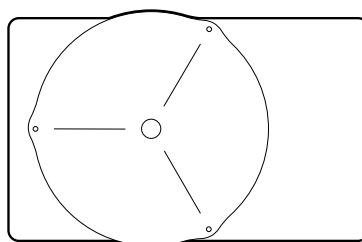
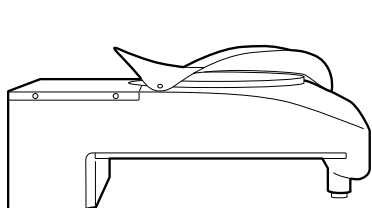
|                            | At A-10W35 | At A7W35 | At A-10W55 | At A7W55 |
|----------------------------|------------|----------|------------|----------|
| Capacity                   | 6 kW       | 9 kW     | 6 kW       | 9 kW     |
| Capacity modulation range  | 1.4 - 6kW  |          |            |          |
| Maximum output temperature | 70 °C      |          |            |          |
| Capacity control           | Inverter   |          |            |          |

## Sound

|                                    | Setting | dB (A)     |
|------------------------------------|---------|------------|
| Sound pressure at 3m*<br>EN12102-1 | 5       | 39.0 dB(A) |
|                                    | 4       | 33.5 dB(A) |
|                                    | 3       | 32.0 dB(A) |
|                                    | 2       | 31.0 dB(A) |
|                                    | 1       | 30.5 dB(A) |

## Construction

|                             |                                        |
|-----------------------------|----------------------------------------|
| Sound and vibration damping | EPP housing                            |
|                             | Vertically oriented evaporator and fan |
|                             | Integrated vibration dampers           |
| Outdoor unit weight         | 76 kg                                  |
| Dimensions                  | 137 x 85 x 62 cm                       |



\*Sound pressure determined when placing in the middle of an extension of 3m x 3m x 3m.

## Functionality

|                           |                        |
|---------------------------|------------------------|
| Connectivity              | 4G                     |
|                           | Smartphone App         |
|                           | Updates Over-The-Air   |
|                           | Remote diagnostics     |
| Thermostat interface      | OpenTherm or On/off    |
| Power supply              | 1x 230 V, 16 A, 3000 W |
| Standby power consumption | 0,016 kW               |

## Energy efficiency measurements

Low-temperature application 35°C

EN14825 – average climate

|                                                                               |                             |                        |     |
|-------------------------------------------------------------------------------|-----------------------------|------------------------|-----|
| Energy efficiency class                                                       | A+++                        |                        |     |
| Seasonal coefficient of power (SCOP)                                          | 4,7                         |                        |     |
| Seasonal space heating efficiency 'n <sub>s</sub> '                           | 186%                        |                        |     |
| Rated power 'P <sub>rated</sub> '                                             | 6 kW                        |                        |     |
| COP and part load at indoor temp 20 °C and outdoor temperature T <sub>j</sub> | Outdoor temp T <sub>j</sub> | Part load <sup>1</sup> | COP |
|                                                                               | T <sub>j</sub> = -10 °C     | 5,5 kW                 | 2.7 |
|                                                                               | T <sub>j</sub> = -7 °C      | 4,7 kW                 | 3.2 |
|                                                                               | T <sub>j</sub> = +2 °C      | 2,9 kW                 | 4.5 |
|                                                                               | T <sub>j</sub> = +7 °C      | 2,2 kW                 | 6.4 |
|                                                                               | T <sub>j</sub> = +12 °C     | 2,2 kW                 | 8.4 |

<sup>1</sup> Note: Reported capacities are part load values per EN14825, simulating reduced heating demand at rising outdoor temperatures.

\*Sound pressure determined when placing in the middle of an extension of 3m x 3m x 3m.

[www.weheat.nl](http://www.weheat.nl) – Weheat B.V. – Wolverstraat 23, 5525AR, Duizel, Nederland – Subject to change