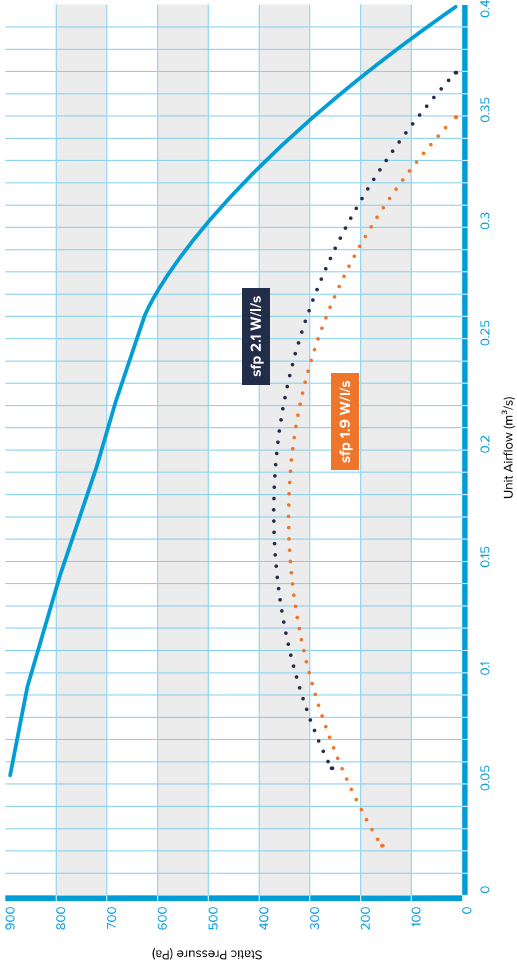


XBOXER XBC+ 25

PERFORMANCE & TECHNICAL INFORMATION

PERFORMANCE CHART



TECHNICAL INFORMATION

| HEATER TYPE | VOLTAGE | PHASE | FREQUENCY | INPUT POWER (W) | FAN SPEED (rpm) | SC (A) | FLC (A) | MAX OPERATING TEMPERATURE (°C) | UNIT WEIGHT (kg) |
|-------------|---------|-------|-----------|-----------------|-----------------|--------|---------|--------------------------------|------------------|
| LPHW        | 230     | 1     | 50        | 1000            | 4000            | 6.4    | 6.4     | 40                             | 235              |
| Electric*   | 230     | 1     | 50        | 5500            | 4000            | 19.4   | 19.4    | 40                             | 242              |
| None        | 230     | 1     | 50        | 1000            | 4000            | 6.4    | 6.4     | 40                             | 231              |

Relevant to BC, ES, CO or AT control types. \*Includes 4.5kW electric heater.

COUNTERFLOW HEAT EXCHANGER EFFICIENCY

Performance based on:

Indoor conditions 21°C / 50% RH

Key to performance curves:

Intake temperature (°C)

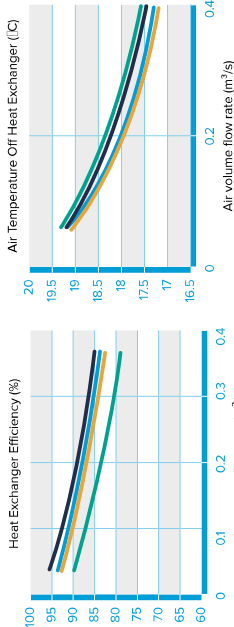
-5°C Intake

-3°C Intake

-1°C Intake

6°C Approx.

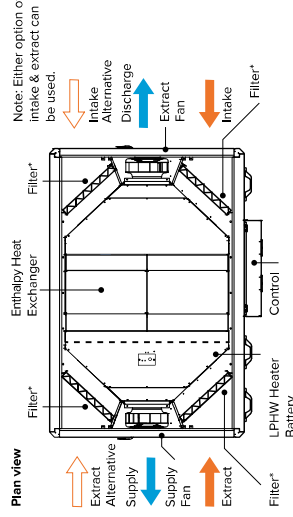
Average outdoor temperature (UK heating season)



LPHW DATA

| WATER TEMP (°C) | AIRFLOW (m³/s) | OUTPUT (kW) | AIR OFF TEMP (°C) | WATER FLOW (l/s) | COIL ΔP (kPa) | VALVE ΔP (kPa) | TOTAL WATER ΔP (kPa) |
|-----------------|----------------|-------------|-------------------|------------------|---------------|----------------|----------------------|
| 82/71           | 0.25           | 6           | 30                | 0.134            | 7.3           | 9              | 16.3                 |
|                 | 0.1875         | 5.6         | 35                | 0.13             | 6.5           | 8              | 14.5                 |
|                 | 0.125          | 4.4         | 40                | 0.1              | 4             | 4.9            | 8.9                  |
| 80/60           | 0.25           | 4.8         | 26                | 0.06             | 1.4           | 2              | 3.4                  |
|                 | 0.1875         | 4.3         | 29                | 0.05             | 1.3           | 1.8            | 3.1                  |
|                 | 0.125          | 3.4         | 33                | 0.04             | 0.8           | 1.1            | 1.9                  |
| 60/40           | 0.25           | 2.8         | 19                | 0.03             | 0.5           | 1              | 1.5                  |
|                 | 0.1875         | 2.6         | 21                | 0.03             | 0.4           | 0.8            | 1.2                  |
|                 | 0.125          | 2           | 23                | 0.02             | 0.3           | 0.5            | 0.8                  |

FAN CONFIGURATION



\*G4 (EN779:2012) / ISO Coarse 75% (ISO 16890).

DIMENSIONS (mm)

| FAN UNIT |      |     |      | CONTROLS BOX |     |     |     | RECTANGULAR APERTURE |     |     |      |    | HANGING BRACKET CENTRES |     |
|----------|------|-----|------|--------------|-----|-----|-----|----------------------|-----|-----|------|----|-------------------------|-----|
| A        | B    | C   | D    | E            | F   | G   | H   | I                    | J   | K   | L    | M  | N                       | O   |
| 1713     | 1160 | 346 | 1773 | 140          | 210 | 640 | 413 | 30                   | 252 | 302 | 1350 | 71 | 1232                    | 884 |

2 attenuator flanges are attached to every unit. Add 50mm to length dimension to include both flanges. Weather roof is separate code and can be retro fitted on site. Units must be installed with a minimum clearance of 260mm from a wall or barrier. This will provide access to filters, coil, fan, heat exchanger, condensate tray and pump.

SOUND DATA

| FAN SPEED | SOUND POWER LEVELS<br>(dBA re 1 pW) | FREQUENCY (Hz) |     |     |     |    |    |    |    | SPHERICAL<br>dBA @ 3m |
|-----------|-------------------------------------|----------------|-----|-----|-----|----|----|----|----|-----------------------|
|           |                                     | 63             | 125 | 250 | 500 | 1K | 2K | 4K | 8K |                       |
| 100%      | Induct Intake                       | 77             | 71  | 69  | 71  | 66 | 62 | 54 | 53 | 37                    |
|           | Induct Supply                       | 82             | 83  | 78  | 82  | 72 | 72 | 68 | 70 |                       |
|           | Induct Discharge                    | 83             | 84  | 78  | 81  | 72 | 72 | 70 | 71 |                       |
|           | Induct Extract                      | 76             | 70  | 68  | 71  | 65 | 62 | 54 | 54 |                       |
|           | Casing Radiated                     | 69             | 68  | 55  | 58  | 45 | 44 | 44 | 36 |                       |