

# PLFY-WL-VFM-E

## 600x600 4-Way Blow Ceiling Cassette Indoor Unit



The **PLFY-WL-VFM-E** ceiling cassette unit connects to the Hybrid Branch Controller and uses water as the heat transfer medium. Providing a smart air conditioning solution for tight ceiling spaces, and designed to fit directly into standard 600mm square ceiling grids, these units are a perfect choice for both offices and retail applications. The optional 3D i-see sensor grille optimises both energy consumption and comfort levels.

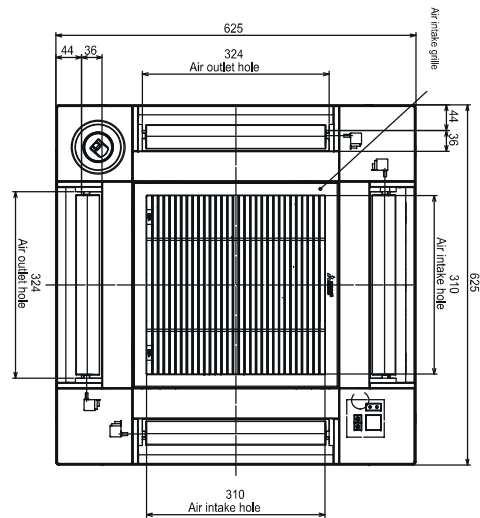
### Key Features & Benefits

- Stylish square, slimline design - fits into narrow ceiling spaces with a height of only 245mm
- Low noise levels for minimal disturbance - reduced noise value with 3D turbo fan
- Enhanced airflow control through directional vanes
- Easy installation - temporary hanging hook on grille and no screw removal for corner panel / control box
- Optional 3D i-see sensor grille (SLP-2FAE) provides energy efficient, customised comfort by automatically monitoring room occupancy, position and body temperatures
- Optional black (Satin finish) grille (SLP-2FA-B), for environments that desire a premium quality feel
- No refrigerant in occupied spaces, removing the need for leak detection under BS EN378
- Higher air off temperatures than standard VRF, allowing for improved comfort levels
- Optional V Blocking filter provides in-room air purification, neutralising viruses, allergens, dust and mould

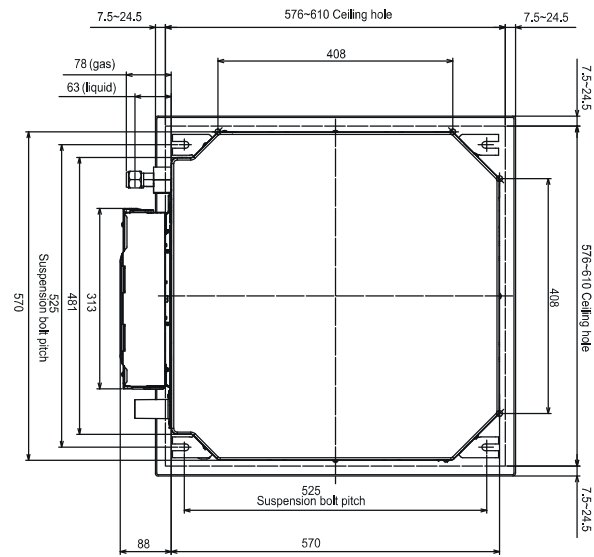
| INDOOR UNITS                 |                                  | PLFY-WL15VFM-E | PLFY-WL20VFM-E | PLFY-WL25VFM-E | PLFY-WL32VFM-E | PLFY-WL40VFM-E |
|------------------------------|----------------------------------|----------------|----------------|----------------|----------------|----------------|
| CAPACITY (kW)                | Heating (nominal)                | 1.9            | 2.5            | 3.2            | 4.0            | 5.0            |
|                              | Cooling (nominal)                | 1.7            | 2.2            | 2.8            | 3.6            | 4.5            |
|                              | UK Heating                       | 1.9            | 2.5            | 3.2            | 4.0            | 5.0            |
|                              | UK Total Cooling - Hi (Sensible) | 1.50 (1.30)    | 2.00 (1.60)    | 2.50 (2.00)    | 3.20 (2.60)    | 4.00 (3.10)    |
|                              | UK Total Cooling - Mi            | 1.44           | 1.92           | 2.38           | 2.92           | 3.88           |
| POWER INPUT (kW)             | UK Total Cooling - Lo            | 1.36           | 1.89           | 2.26           | 2.52           | 2.98           |
|                              | Heating (nominal)                | 0.02           | 0.02           | 0.03           | 0.04           | 0.05           |
|                              | Cooling (nominal)                | 0.02           | 0.02           | 0.03           | 0.04           | 0.05           |
| AIRFLOW (l/s)                | Lo-Mi-Hi                         | 100-117-133    | 108-117-133    | 108-125-150    | 108-150-200    | 108-192-217    |
| SOUND PRESSURE LEVEL (dBA)   | Lo-Mi-Hi                         | 25-26-29       | 27-29-31       | 27-30-34       | 27-33-41       | 27-40-43       |
| WEIGHT (kg)                  | (Grille)                         | 13 (3)         | 14 (3)         | 14 (3)         | 14 (3)         | 14 (3)         |
| DIMENSIONS (mm)              | Width (Grille)                   | 570 (625)      | 570 (625)      | 570 (625)      | 570 (625)      | 570 (625)      |
|                              | Depth (Grille)                   | 570 (625)      | 570 (625)      | 570 (625)      | 570 (625)      | 570 (625)      |
|                              | Height (Grille)                  | 245 (10)       | 245 (10)       | 245 (10)       | 245 (10)       | 245 (10)       |
| ELECTRICAL SUPPLY            |                                  | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz | 220-240v, 50Hz |
| PHASE                        |                                  | Single         | Single         | Single         | Single         | Single         |
| RUNNING CURRENT (A)          | Heating / Cooling                | 0.18 / 0.24    | 0.20 / 0.26    | 0.23 / 0.29    | 0.32 / 0.38    | 0.40 / 0.46    |
| FUSE RATING (BS88) - HRC (A) |                                  | 6              | 6              | 6              | 6              | 6              |
| MAINS CABLE No. Cores        |                                  | 3              | 3              | 3              | 3              | 3              |
| GRILLE MODEL REFERENCE       |                                  | SLP-2FA        | SLP-2FA        | SLP-2FA        | SLP-2FA        | SLP-2FA        |
| WATER PIPE CONNECTION        |                                  | 20mm I.D       | 20mm I.D       | 20mm I.D       | 20mm I.D       | 20mm I.D       |

Note: HVRF indoor units can only be configured with the CMB-WM HBC (HVRF) and PURY-(E)M YNW-A1 or PQRY-P YLM-A1 outdoor units.

Upper View



Lower View



Side View

