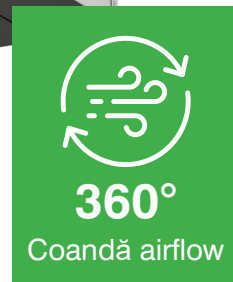


# Diffusion

Fan Coil Specialist since 1963.



## Ultra-Line 360

### Ceiling-Exposed Fan Coil Unit

The new **Ultra-Line 360**, an innovative design from Diffusion, meeting the growing demand for a high-performance, ceiling-exposed fan coil unit that is easy to specify, install, and maintain.



Build your project on trust.



Ideal for offices and retail environments, the **Ultra-Line 360** incorporates the same energy-efficient core components and proven technology used across Diffusion's award-winning modular fan coil range.

**This technology was recognised with two major industry awards in 2025:**

- *Product Innovation of the Year – Thermal Comfort*, CIBSE Building Performance Awards.
- *Air Conditioning Product of the Year*, HVR Awards.

### **Compact, Fully Integrated Design**

Key to the **Ultra-Line 360** design is the complete integration of all major components within a compact, ceiling-exposed unit. This significantly reduces on-site coordination, air distribution equipment, installation time, and associated costs.

### **The Unit Includes:**

- High performance, low noise, EC/DC motor and fan technology.
- Stainless steel condensate drain tray.
- High efficiency heat exchanger.
- Lifetime 'Eco' Filter.
- Integrated plenum and diffuser.
- Ultra quiet condensate pump option.
- Flexibility on valves and controls.
- Large control enclosure providing good access to control items, providing LV/HV separation.

## Performance and Comfort

The **Ultra-Line 360** has been engineered to deliver:

- Low noise levels, as low as NR25 for 125 l/s airflow.
- Low Specific Fan Power from just 0.05 W/l/s.
- An all-encompassing system, reducing embodied carbon.
- A true Coandă effect air distribution diffuser, ensuring 360-degree air delivery providing enhanced thermal comfort for occupants.

By combining attenuation, plenum, diffuser, valves, and controls into one integrated solution, the **Ultra-Line 360** simplifies specification without compromising performance.

## Sustainability and Flexibility

The **Ultra-Line 360** incorporates Diffusion's Lifetime 'Eco' Filters, easily vacuum cleaned without extracting it from the unit, removing the need for replacement filters and delivering a clear sustainability benefit.

For added flexibility, customers can:

- Specify ISO 30% coarse media filter.
- Specify preferred controls and valves; or provide these to be factory-fitted.
- Select either the gravity condensate connection, or the ultra quiet Maxi-Blue condensate pump.
- Select between a visible diffuser or perforated mesh finish.

## Aesthetic, Future-Proofed Design

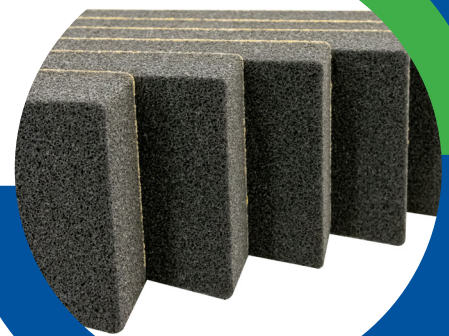
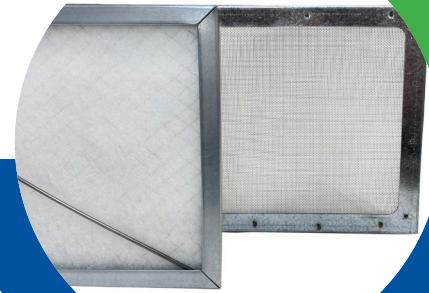
The **Ultra-Line 360** has been designed to complement exposed-ceiling architecture. Supplied in galvanised steel as standard, the unit can also be:

Powder-coat finished in a customer-specified RAL colour.

- Vinyl wrapped with bespoke designs to suit interior aesthetics.

## Reconfigurable and Sustainable Units


Importantly, the **Ultra-Line 360** is an ideal solution for buildings where change of use is anticipated. Core components can be reconfigured, relocated, or reused within another Diffusion unit, endorsing the flexibility of the Modular range. This delivers substantial benefits in reducing waste, landfill, installation time, and capital expenditure over the building lifecycle.



# Ultra-Line 360

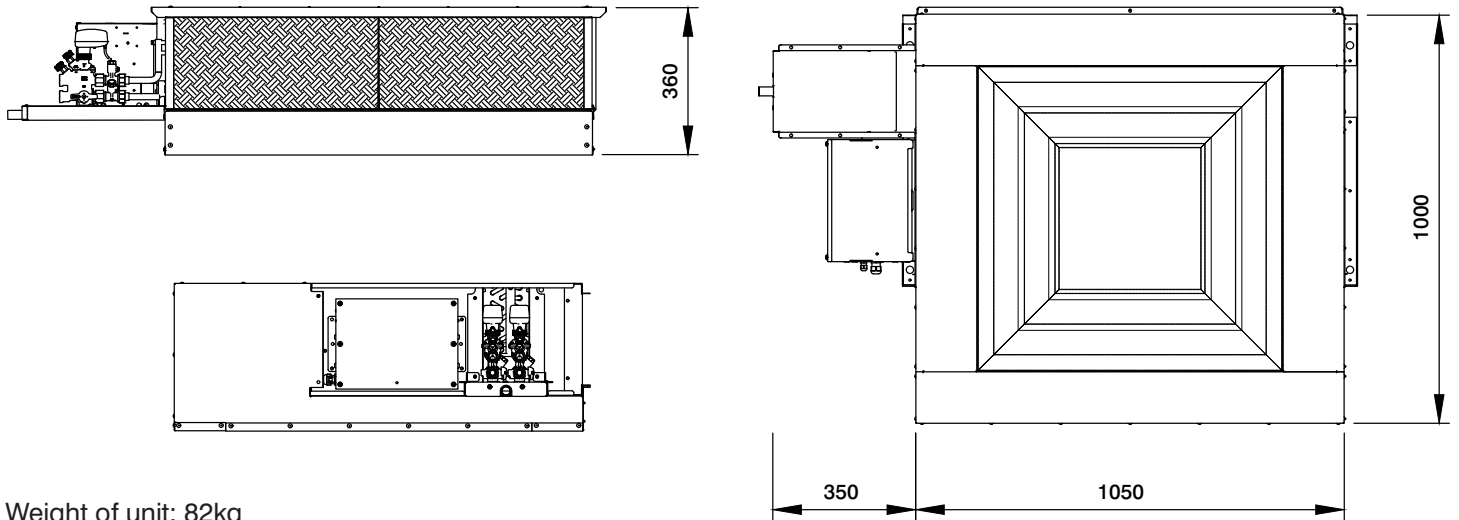
## Product and Performance Data

Guide NR Level	Airflow (l/s)	Sensible Cooling (kW)	SFP – Eco Mesh (W/l/s)	SFP – ISO 30% Coarse (W/l/s)
25	125	1.65	0.05	0.07
30	177	2.25	0.08	0.10
35	228	2.85	0.11	0.14
38	260	3.20	0.14	0.17



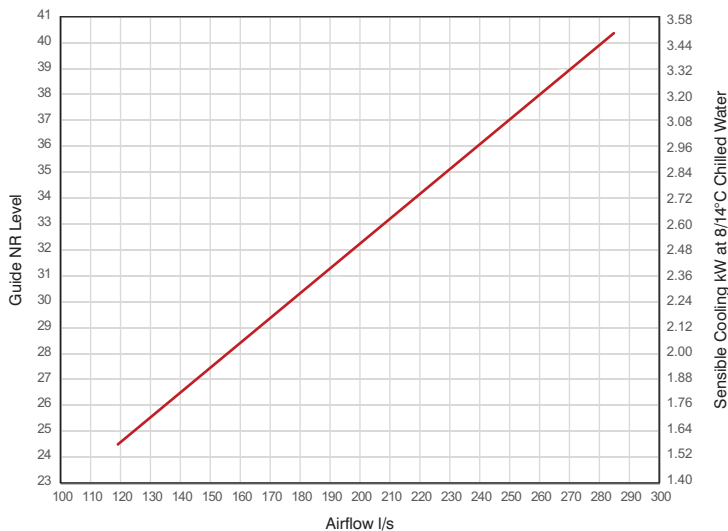
**Very low SFP's**  
Just 0.05 W/l/s

General Arrangement drawing

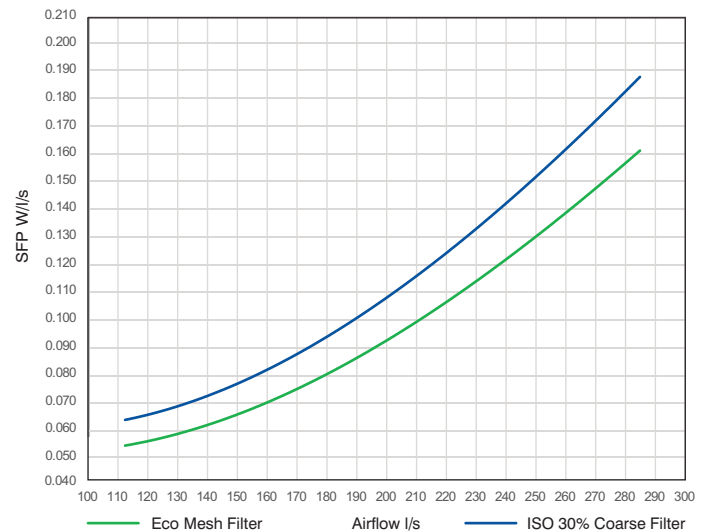


Weight of unit: 82kg

Ultra-Line 360 10/2 noise and cooling output chart\*



Ultra-Line 360 10/2 SFP chart



\*Note: NR guide based on open plan, exposed installation, room size based upon a duty of 90 Watts per metre square, and an "average" reverberation time room characteristics in accordance with CIBSE Guide B4:2016.



Contact our team today to arrange to see the unit and discuss your project in person at our HQ near Hampton Court.

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Build your project on trust.