



1200 x 600mm Commercial Panel

Commercial Active Ceiling

System Description:

The Active ceiling grid system is a suspended ceiling system designed to regulate room temperatures using radiant heating and cooling technology. Powered by the Vaillant aroTHERM air to water heat pump which harvest free energy found in the air outside the building envelope, and converts it into all season comfort and convenience.

Major Components:

1. HPV16 Vaillant single phase heat pump
2. VRC 700 Cascade Controller
3. HPVMPS Vaillant aroTherm Buffer Tank
4. Caleffi 10 X Circuit Distribution Panel
5. Messina Commercial Active Ceiling Panel

Technical Specifications:

Maximum heating power	140/m ² @ 45°C flow 35°C return
Maximum cooling power	89/w/m ² @ 10°C flow 15°C return
Maximum operating pressure	4 bar
Maximum number of panels per =	24
16mm circuit	