Brink Air Excellent System

Air distribution system for balanced ventilation with heat recovery

AIR DISTRIBUTION SYSTEM

Brink Climate Systems has developed a completely new synthetic air distribution system for balanced ventilation with heat recovery; a modular system composed of a semi-circular, semi-rigid duct, various accessories and two manifolds, one for exhaust and one for supply. The height of the semi-circular, semi-rigid is only 50 mm and the flow rate is 30-35 m³/h with a flow velocity of about 3 m/s. When 60 m³/h is required, two ducts should be used. The system is “plug and play”. The semi-circular duct can be connected to the manifold and diffusers with a wide range of accessories. The bending radius of the duct is &gt;200 mm (horizontal) and &gt;150 mm (vertical). The diagram below depicts a complete system with a heat recovery unit and air distribution system, including two manifolds, air supply and extract ducts, couplers and diffusers. The duct is antistatic and has antibacterial properties.