

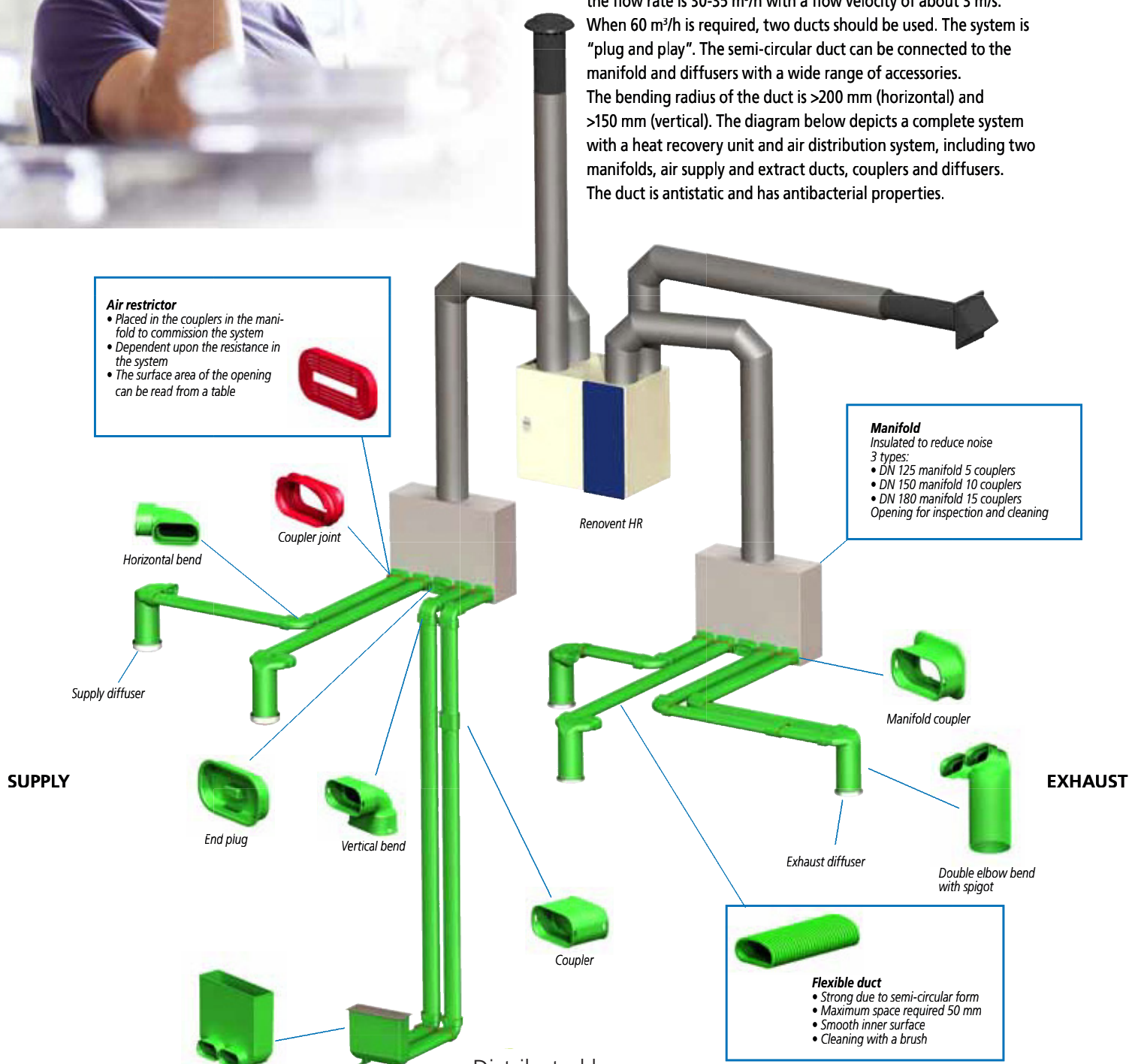
# Brink Air Excellent System

## 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 m<sup>3</sup>/h with a flow velocity of about 3 m/s. When 60 m<sup>3</sup>/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 >200 mm (horizontal) and >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.



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