

# COLTAIR

*Coltair is a flexible, high capacity air handling system, which is ideal for localised cooling, heating and heat reclaim, as well as for general comfort control.*

*Coltair is particularly well suited to factories, warehouses and other large spaces such as retail sheds.*

*Coltair is configured from an extensive range of modular components available in three sizes to suit the requirements of the installation. It is made from durable aluminium, with minor parts made either from galvanised or stainless steel.*

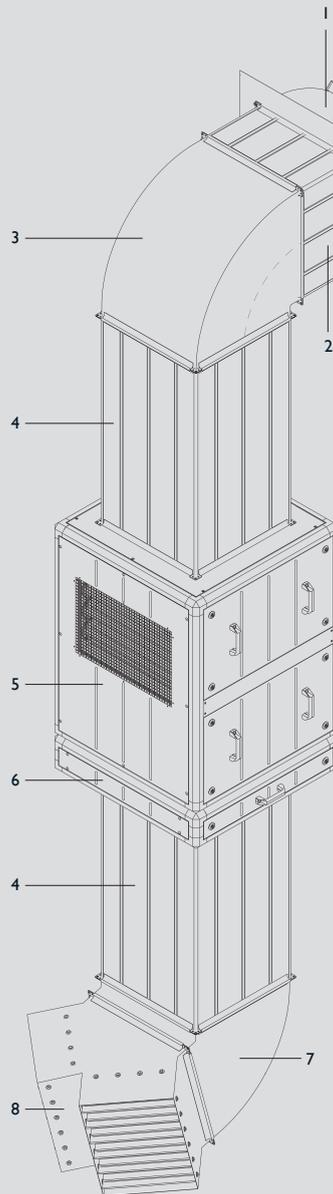
*Coltair brings in fresh outdoor air through the roof or façade of the building. Internal air can be mixed with this outdoor air or that air can be completely re-circulated, alternatively fresh air introduced to the working area below.*

*Its features and benefits are described overleaf.*



COLTAIR IS AVAILABLE IN THREE STANDARD SIZES:

Sizes	Ducting (mm)	Active parts (mm)	Air volume flow (m³/s)
Size 05	520 x 520	800 x 800	1.4 and above
Size 07	750 x 750	1020 x 1020	2.8 and above
Size 09	900 x 900	1315 x 1315	4.2 and above

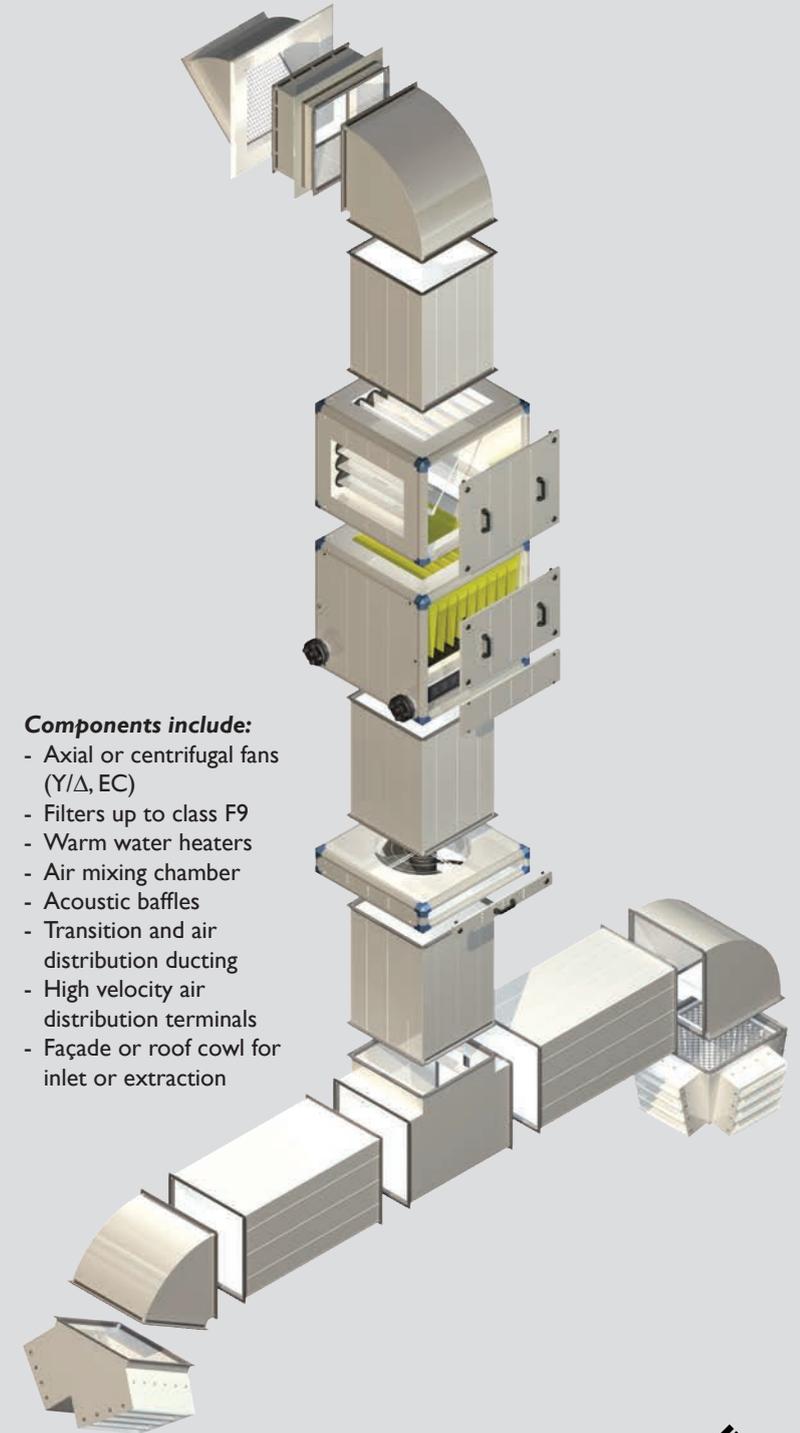


- 1 45° wall cowl with rain and bird guard, made from aluminium and stainless steel with integrated flange
- 2 Aluminium extension ducting to connect with wall cowl, 300 mm long
- 3 Aluminium 90° bend with high efficiency guide vanes
- 4 Aluminium 1000 mm long ducting
- 5 Aluminium air mixing chamber, highly tightly sealed, containing G4-F9 filters
- 6 Aerodynamically formed aluminium housing for axial fan
- 7 Aluminium 75° bend with high efficiency guide vanes
- 8 Twin high velocity air distribution outlets with individually adjustable horizontal and vertical louvres made of aluminium.



Coltair is a perfect air ducting in combination for the Colt CoolStream series.

The Coltair and Coolstream units make use of a common control system for conditioning throughout the year.



**Components include:**

- Axial or centrifugal fans (Y/Δ, EC)
- Filters up to class F9
- Warm water heaters
- Air mixing chamber
- Acoustic baffles
- Transition and air distribution ducting
- High velocity air distribution terminals
- Façade or roof cowl for inlet or extraction