

PRODUCT | COLTAIR

MODULAR DECENTRALISED VENTILATION, HEATING AND HEAT RECLAIM.

GENERAL DESCRIPTION

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

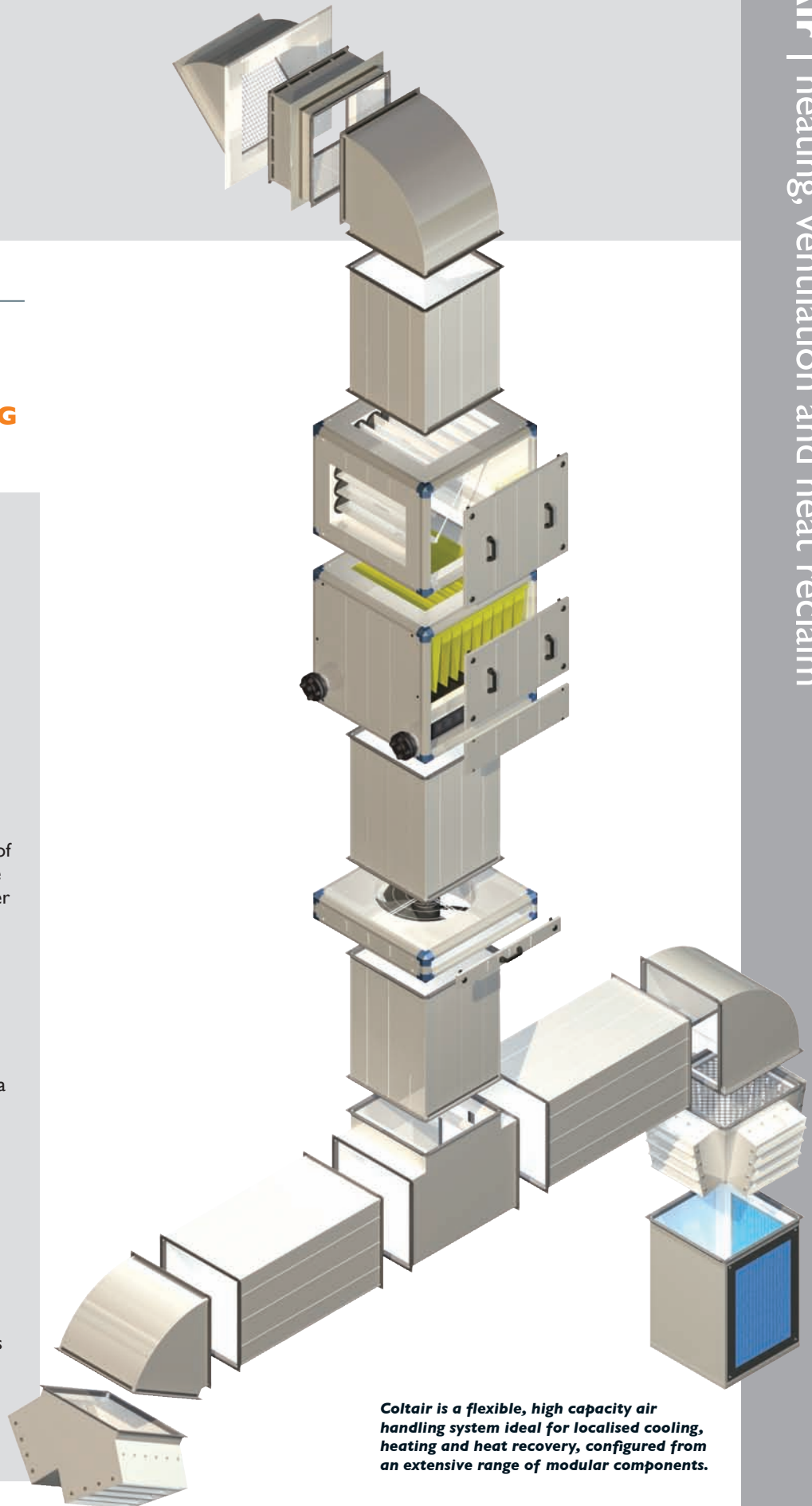
Coltair is particularly well suited to factories, warehouses and other large spaces such as retail sheds.

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.

COMPONENTS INCLUDE:

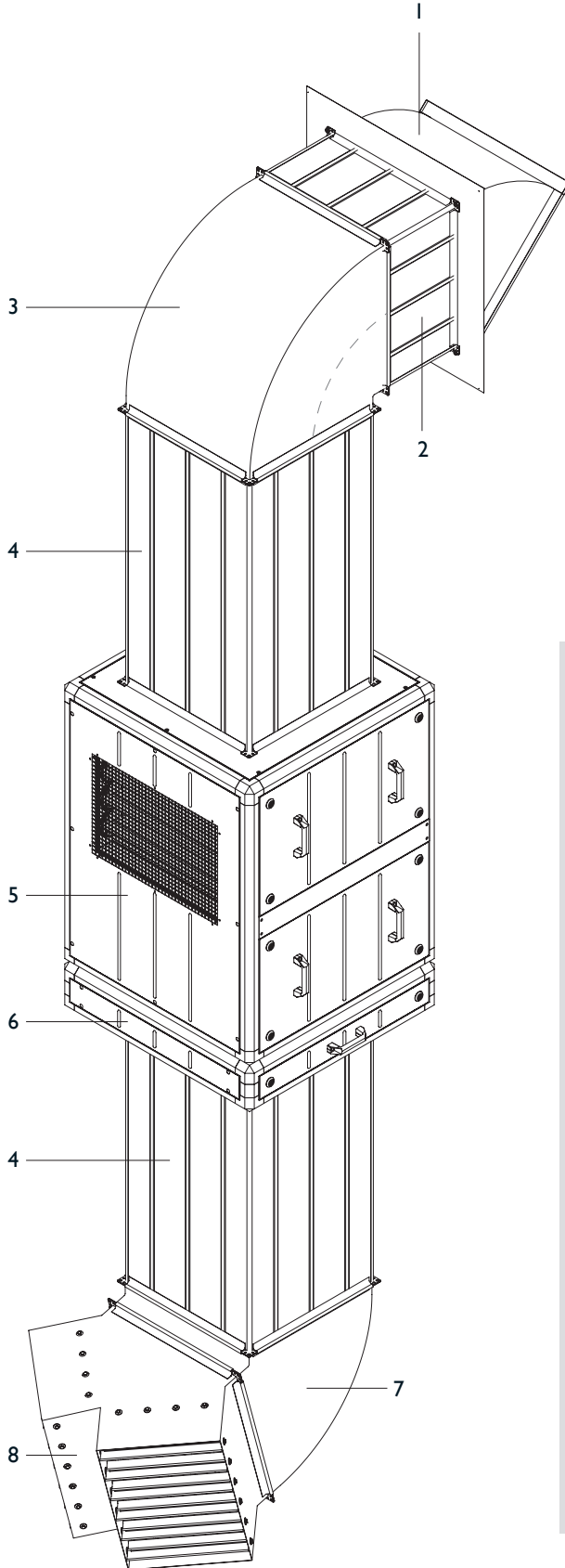
- Axial or centrifugal fans (Y/Δ, EC)
- Filters up to class 9
- Heating element
- Air mixing chamber
- Acoustic baffles
- Transition and air distribution ducting
- High velocity air distribution terminals
- Façade or roof cowl for inlet or extraction



Coltair is a flexible, high capacity air handling system ideal for localised cooling, heating and heat recovery, configured from an extensive range of modular components.

COLTAIR IS AVAILABLE IN THREE STANDARD SIZES:

Technical data (m ³ /h)	Ducting (mm)	Active parts (mm)	Air volume flow (m ³ /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, 300mm long
- 3** Aluminium 90° bend with high efficiency guide vanes
- 4** Aluminium 1000mm long ducting. This is also available in galvanised or stainless steel
- 5** Aluminium air mixing chamber, highly tightly sealed, variable air chamber, containing G4-F9 filters
- 6** Aerodynamically formed aluminium housing for 230V axial fan
- 7** Aluminium 75° bend with high efficiency guide vanes
- 8** Twin high velocity air distribution terminals with individually controllable horizontal and vertical louvers made of aluminium.

SUMMER COOLING



Colt Coolstream can be combined with Coltair Inflow Units to provide highly efficient evaporative cooling, thereby reducing running costs.

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

“People feel better in Colt conditions.”