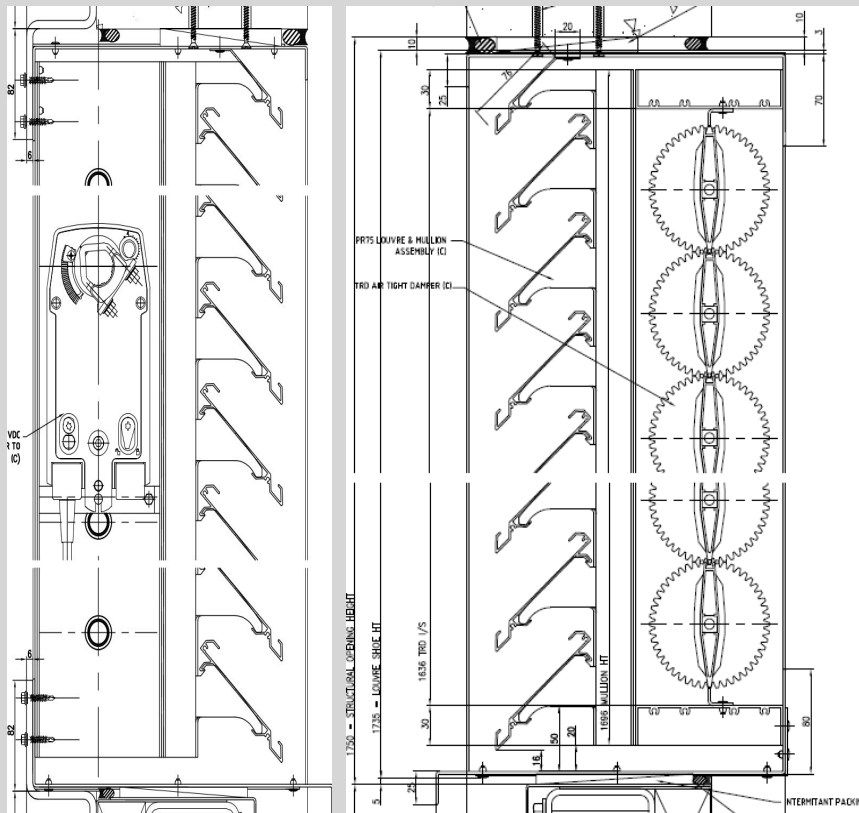


COLT LOUVRE TRD SERIES DAMPER

Colt Hybrid Louvre is a mechanically operated ventilation system that offers enhanced control and flexibility compared to fixed louvre systems.

The system is compatible with any Colt louvre type, providing an optimal balance between rain defense and airflow efficiency. When fully opened, it delivers excellent aerodynamic performance while maintaining continuous rain protection.

Colt Hybrid Louvres can be configured to deliver controlled ventilation tailored to your specific requirements.



Colt Hybrid Operable Louvres provides an innovative solution to a common design problem of controlled ventilation with continuous rain defense.

Consisting of a TRD Series Damper fixed to any Colt louvre system, within the same frame. The Colt Hybrid Operable Louvre is one unit that provides four solutions:

- Maximum airflow
- Smoke control (where applicable)
- Continuous weather protection
- Architecturally aesthetic
- Fully closeable

Colt Performance Louvre

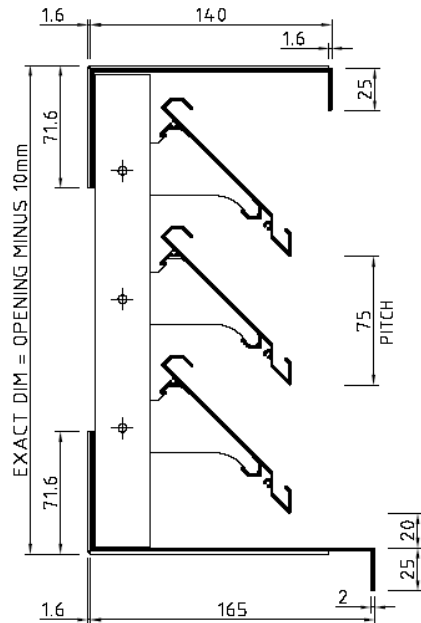
All Colt louvre systems is performance tested in accordance with the New Zealand Standard AS/NZS 4740:2000.

TRD Series Damper has separate technical information that can be configured with either a lever to be manually operated or electric actuators. It also available as a single master unit or a twin slaved unit.

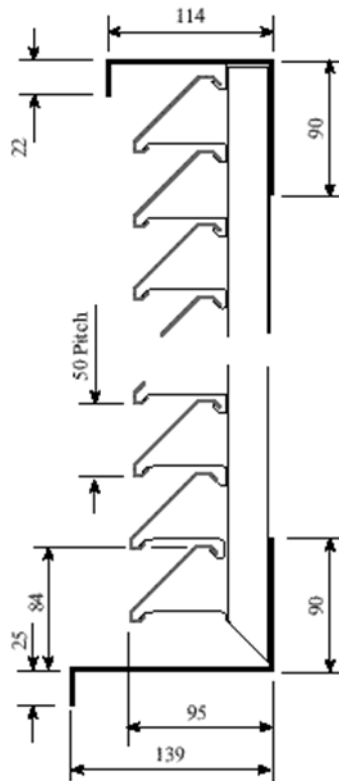
Universal & Weather Louvre

Dimensions

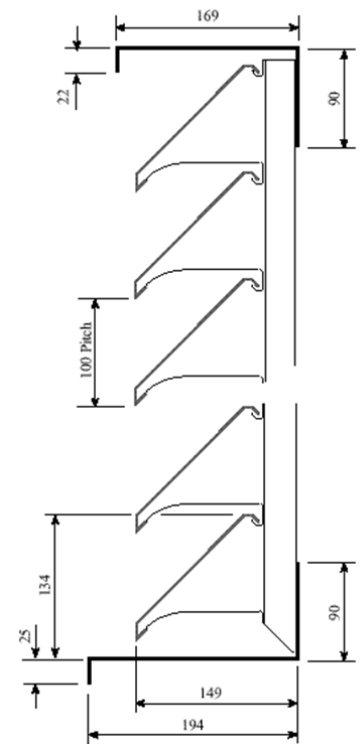
Colt PR75 Louvre



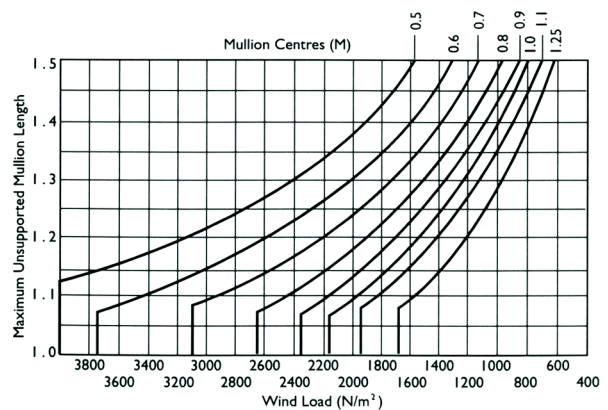
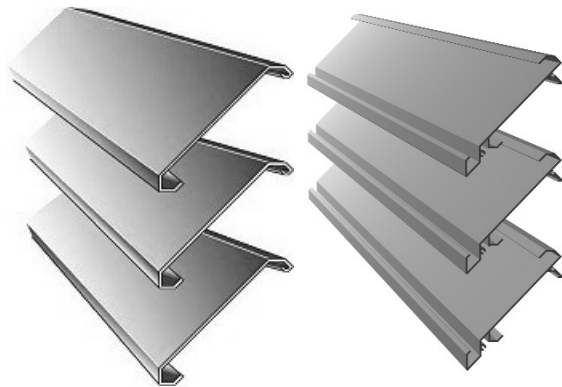
Colt 1UL SH Louvre



Colt 1UL DH Louvre



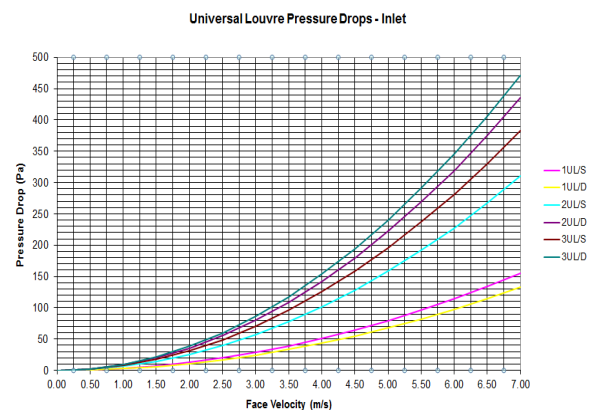
Profile



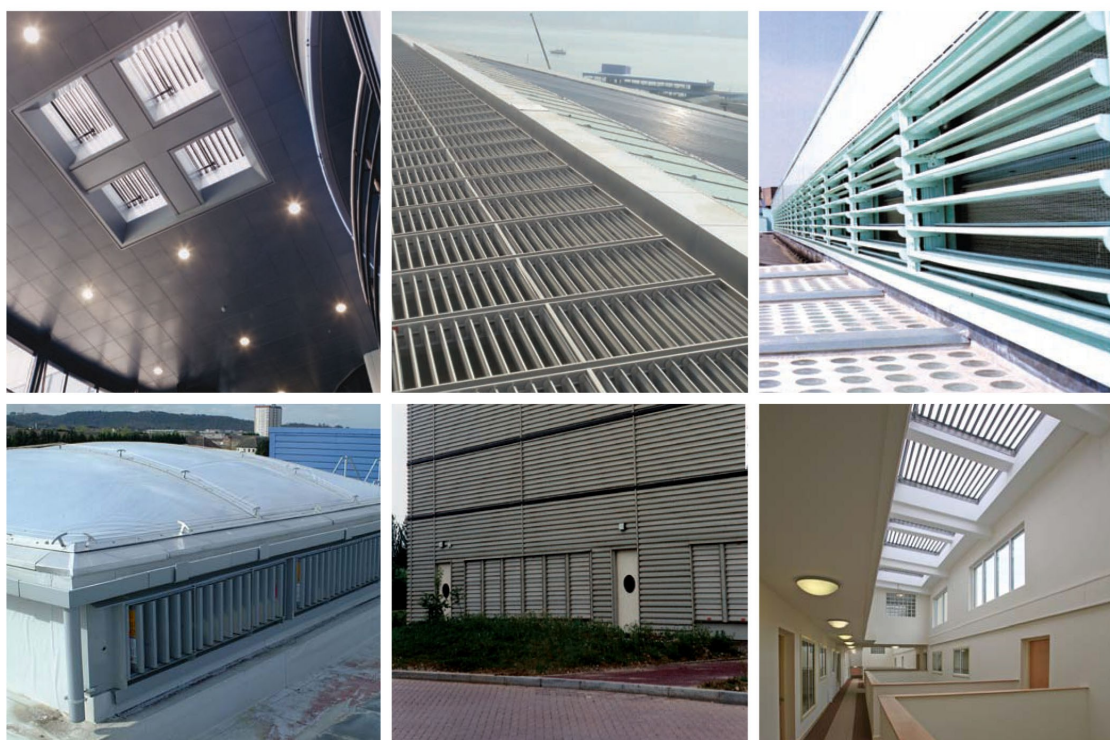
Pressure Drops

This chart is intended to provide designers with a quick reference for selecting louvre panels. The face velocity indicated here is based on the active working area of the louvre core which excludes the area taken up by the panel frame, internal mullions, and any support steelwork behind the louvre panel.

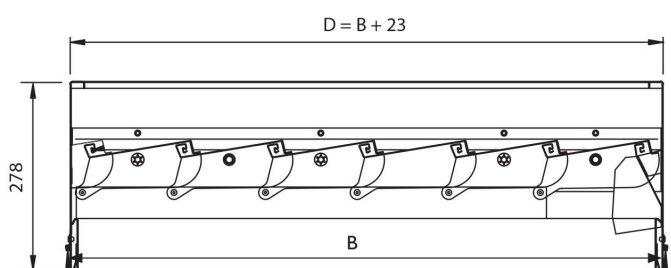
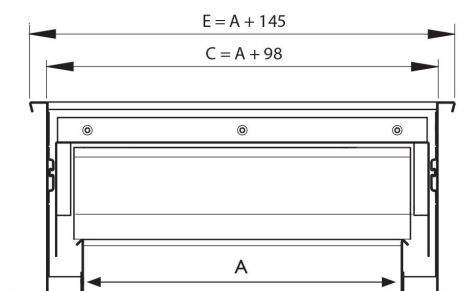
We are able to provide printout based on your design data either to select a suitable size of panel to suit your design requirement or to calculate the performance of a selected panel.



Euro Seefire - Natural Louvred Ventilator



DIMENSIONS*



WIDTH CODE	Throat width dimension A (mm)	Body width dimension C A + 98(mm)
06	426	524
07	576	674
09	726	824
10	876	974
12	1026	1124
13	1176	1274
15	1326	1424
16	1476	1574
18	1626	1724
21	1926	2024
22	2000	2098
23	2126	2224
25	2326	2424

LENGTH CODE	Throat length dimension B (mm)	Body length dimension D B + 23(mm)**
10	705	728
11	838	861
13	971	994
14	1104	1127
15	1237	1260
17	1370	1393
18	1503	1526
19	1636	1659
21	1769	1792
22	1902	1925
23	2035	2058
25	2168	2191
26	2301	2324
27	2434	2457
29	2567	2590
30	2700	2723
31	2833	2856
32	2966	2989
34	3099	3122
35	3232	3255
36	3365	3388
38	3498	3521

*There are some restrictions on the maximum size of the ventilator if glass louvres are used. Colt can advise on this.

** Flange widths and lengths are variable and need to be clarified in each instance. For the minimum dimensions of these, add 140mm to the throat width and 140mm to the throat length.

Colt Hybrid Operable Louvre

Product Specification

Colt Hybrid Operable Louvre to include 1UL or PR75 and a Euro Seefire placed within the same frame. Mullions to give a continuous external appearance and to allow longitudinal expansion and contraction of the louvres.

The UL louvre provides an architecturally pleasing frontage whilst the proven features of the Euro Seefire provides the rain defense, & opens and closes for the day to day ventilation needs.

Principal components to be manufactured from aluminium Type 5005 and 6060 (blades) with a MILL / POLYESTER POWDER finish – TOTAL / PARTIAL coverage

