

Clever Air Handling Units



Aquatherm/Clever Air Handling Units

- Quality
- Strength
- Value for Money
- Reliability
- Complete Solution



The smooth aesthetics, the contemporary looks and rust free construction makes it ideal for most applications such as Shopping Malls, Hotels, Office, Complexes, Software Industry, Electronics Industry, Pharmaceutical Industry, Clean Room Applications and many more.

Vibration free fan assembly & air tight construction reduces noise levels considerably for an acoustic comfort.

Optimum solutions for hygiene and desired indoor air quality are delivered by strict adherence to international standards, constant innovation and adoption of new technologies.

Aquatherm TWS Louvre

Triple Weather Stop Drainable Weather Louvre

Energy Products International has foreseen the need for a high quality weather louvre to provide greater weather protection in high wind location throughout New Zealand.

Construction

Our new louvre incorporates **Triple Weather Stop** water traps. This drains the water down the face of the louvre avoiding moisture carry over from water cascading down horizontal louvre blades. Also an extended base rear lip prevents water droplets being sucked past the louvre under extreme heavy rain conditions. Louvres have perimeter frame and are fitted with galvanised mild steel bird screen. All profiles are extruded aluminium with anodised finish.

Performance

The louvres design has been independently tested in accordance with **AMCA500** test procedures which determines pressure drop, and water ingress. The louvre achieved Class A classification. The Aquatherm Triple Stop Drainable Louvre achieved excellent non-water carry-over characteristics with reasonable air pressure drop losses. This out-performed other similar louvres currently available in the NZ market.



Aquatherm/Clever Air Handling Units



Panel Finish

Double Skin Panels "Hot Pressed" for strength and rigidity. No Separation.



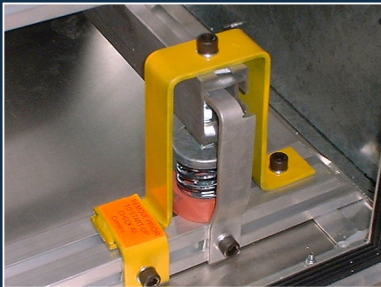
Panel Fixing

Panels screw fixed within nylon inserts and caps. Protective film to be removed on site.



Drain Connection

Aluminium / Stainless Steel threaded outlet connection.



Spring Mount Setup

Full aluminium fan/motor profiles with machine bolts, seismic restraint brackets, transit brackets labelled and coloured.



Door Handles

Nylon door handle with screw tighten to compress and seal gasket. Optional Lever Type.



Coil Fixing

Coils with slide in frame and coil support profile. Aluminium coil frame. BSP connections, labelled.



Door Seal

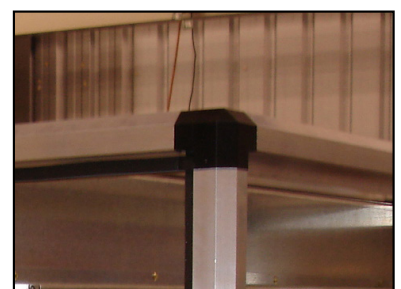
Mechanically fixed rubber door seal cover full flange.



Dampers

Clever aluminium opposed blade dampers easily maintained. Manual quadrant or suitable for motorised.

Profile & Nodes
Extruded Aluminium profiles and nylon corner nodes.



Aquatherm/Clever Air Handling Units

Clever Model	Nom. Air Flow M ³ /Hr	Nom. Air Flow L/S	Height mm	Width mm	+ Base mm	Height mm	Width mm	Full 600x600	Half 300x600
MC013	1840	510	685	730	100	457	450	0	1
MC016	2050	570	685	775	100	457	500	0	1
MC020	2270	630	685	820	100	457	550	0	1
MC025	2630	730	760	820	100	533	550	1	0
MC030	3200	890	760	955	100	533	670	1	0
MC040	4390	1220	830	1090	100	610	800	1	1
MC050	4930	1370	830	1180	100	610	900	1	1
MC060	6480	1800	935	1360	100	686	1050	2	0
MC080	8100	2250	935	1675	100	686	1400	2	1
MC100	9610	2670	1055	1675	100	762	1400	2	2
MC120	11340	3150	1175	1675	100	914	1400	2	3
MC150	14400	4000	1355	1810	100	1067	1500	4	2
MC190	17460	4850	1415	2080	100	1143	1800	6	0
MC240	21600	6000	1655	2125	100	1372	1850	6	3
MC300	26280	7300	1775	2395	100	1524	2100	6	5
MC360	32900	9140	2000	2854	140	1524	2500	8	4
MC460	41150	11430	2180	3344	140	1676	3000	15	0
MC580	49790	13830	2330	3704	140	1829	3350	15	3
MC720	58820	16340	2330	4298	140	1829	3900	18	6
MC1000	66240	18400	2440	4568	140	1905	4150	21	7

