

NCD H

Air handling units
With modular sections



Features

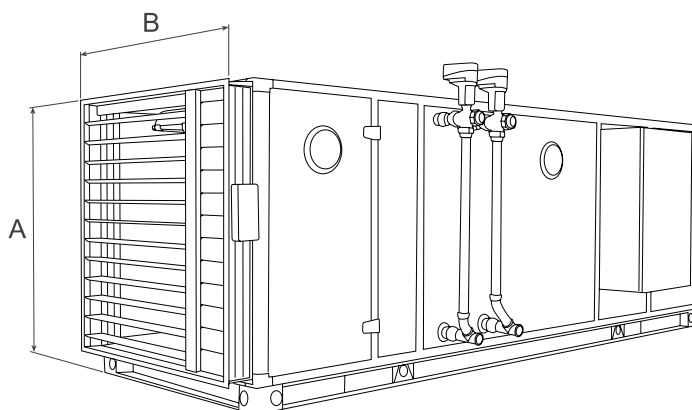
- **Fan sections, exchange coils, filters and external air intakes:**
 - plug fans for all sizes, in stainless steel or treated material, equipped with guides and supports reduced to a minimum;
 - coils and heat recovery units in Cu/Cu, waterproof Cu/Cu, stainless steel/Cu or stainless steel/stainless steel;
 - class F7 filters positioned upstream and on the pick-up points of the unit, class F8/F9 downstream (possibility to equip the unit with filters with a germicidal capacity);
 - external air intakes scaled for speeds of less than 2m/s, and equipped with suitable protective means.
- **Humidification, silencers, drop eliminators:**
 - steam humidification, either direct or with a producer operating with immersed electrodes;
 - suitable distances are maintained between the humidification and the subsequent component;
 - drop eliminators subjected to antibacterial treatment or made of stainless steel.
- **Performance and safety characteristics:**
 - the unit performance levels are certified according to the Eurovent programme;
 - the unit is supplied complete with all the electrical and electronic components for correct operation, and therefore carries the EC mark showing that it satisfies the safety requisites of the relevant directives.
- **Inspection and cleaning:**
 - access openings, drainage panels and adequate lighting in every section;
 - curved inner corners to avoid the accumulation of dirt;
 - edges and slits have been avoided and all permanent joints are sealed;
 - the drainage outlets are fitted with easy-to-inspect drain-taps.
- **Panelling and inner surface:**
 - the precise frame-panelling coupling allows you to reach casing air seepage values that fall within class B of Standard UNI EN 1886, with the certification of the TÜV laboratories;
 - the materials used offer a good resistance to cracking, splintering, flaking and abrasion, they can be washed and disinfected, and they do not favour the proliferation of biological agents or agents that encourage bioburden reduction (antibacterial treatment with certified bioburden reduction).

Technical data

	Air flow rate m3/h	Coil section m2
NCD H 2	1800	0,202
NCD H 3	2520	0,278
NCD H 4	3130	0,348
NCD H 5	3820	0,425
NCD H 6	4500	0,502
NCD H 7	5080	0,566
NCD H 8	6230	0,69
NCD H 9	7340	0,815
NCD H 10	9470	1,053
NCD H 11	10730	1,191
NCD H 12	13860	1,539
NCD H 13	17500	1,944
NCD H 14	21300	2,369
NCD H 15	25780	2,862
NCD H 16	30780	3,419

The performance levels refer to an air speed through the coils equal to 2.5 m/s.

Dimensions (mm)



	Section A	Section B
NCD H 2	805	735
NCD H 3	805	895
NCD H 4	805	1055
NCD H 5	805	1215
NCD H 6	805	1375
NCD H 7	1125	1055
NCD H 8	1125	1215
NCD H 9	1125	1375
NCD H 10	1125	1695
NCD H 11	1445	1375
NCD H 12	1445	1695
NCD H 13	1765	1695
NCD H 14	1765	2015
NCD H 15	2085	2015
NCD H 16	2085	2335