

IN-PATIENT WARDS



A sufficient supply of hygienically safe air is the prerequisite for a rapid recovery. It is not surprising, then, that a perfectly functioning ventilation and air conditioning system is nowadays appreciated by hospitals as a welcome marketing instrument since it ensures patient satisfaction. Innovative air terminal devices with adjustable air distribution elements respond fast and reduce the supply air velocity; lower velocity means less turbulence and hence more comfort for patients.

In many countries, e.g. Spain, France, the UK or the US, air-water systems such as active chilled beams are also allowed. Needless to say that they meet high hygiene requirements, provide efficient filtration and allow for easy cleaning

ACTIVE CHILLED BEAMS OF TYPE DID-E



Active chilled beams of Type DID-E have been specially developed such that patients are not disturbed while sleeping. The mixed flow air distribution ensures a pleasantly quiet climate of well-being also at night. The DID-E is an active chilled beam with one-way air discharge; it is perfect for patient rooms as it can be installed in such a way that it is not visible, e.g. in ceiling bulkheads.*The Type DID-E active chilled beams are available in six sizes for volume flow rates from 36 to 281 m³/h and with a heating/cooling capacity of up to 1.7 kW, i.e. for the efficient air conditioning of both smaller single rooms and larger rooms for several patients.

Primary air:
10 – 48 l/s, 36 – 281 m³/h
L 900, 1200, 1500 mm
W 550, 614 mm
H 200 mm, 598 mm, 623 mm
Cooling capacity up to 1480 W
Heating capacity up to 1730 W

ATVC-100 AUTOMATIC EXTRACT AIR VALVE



The automatic extract air valve ATVC-100 is an electrically operated device that ensures rapid air change and removal of humidity in wet areas. The valve is usually closed or just slightly open but opens fully to remove higher volume flows when the switching contact is made, i.e. when the light is switched on.

20 l/s
180 m³/h
Ø 100 mm

X-GRILLE VENTILATION GRILLES



X-GRILLE ventilation grilles combine function with an attractive design. The symmetric blades are supported in the centre and can be adjusted together or individually. They are aerodynamically and acoustically optimised for supply air or extract air. The grilles can easily be removed for cleaning.

40 – 3200 l/s
140 – 11,400 m³/h
B 225 – 1225 mm
H 125 – 525 mm

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