

## PUBLIC AREAS



Legally binding regulations for hospitals require that in areas other than aseptic areas a ventilation and air conditioning system must be installed when the following conditions apply:

- Opening windows will either not ensure a sufficient air change, or it is not recommended because of the contamination of fresh air or noise break-in.
- The room air must meet certain requirements with regard to temperature, humidity, and cleanliness.
- Hazardous substances (waste gases, micro-organisms) must be removed from the room air.

Lobby/reception: Jet nozzles in the lobby ensure sufficient fresh air and a comfortable, welcoming climate. Modern building management systems (BMS) allow for adapting quickly to changing climate conditions. Room air quality sensors measure the condition of the room air and consequently allow for a demand-based control of the ventilation and air conditioning system.

## COMBINATION OF FIRE DAMPER AND DIFFUSER FOR F30 FIRE-RESISTANT SUSPENDED CEILINGS (KU-K30) FIRE RESISTANCE CLASS K30-U TO DIN 4102-6



KU-K30 fire dampers can be combined with swirl diffusers or ceiling diffusers and serve not only the purpose of fire protection but also that of ventilation. They are suitable for supply air and for extract air systems.

## TJN JET NOZZLES



The versatile, energy-efficient TJN jet nozzles create a comfortable climate in large internal spaces even under the most diverse temperature conditions; and



they are an attractive design element. Corridors and circulation spaces are often at the interior of buildings, and while they are passed quickly on the one hand, they are highly frequented on the other.

20 – 1000 l/s  
72 – 3600 m<sup>3</sup>/h  
Ø 160, 200, 250, 315, 400 mm  
Plastic