



WTG-  
QUANTOR  
GMBH

## SD-S THERMO FAN

- MODERN DESIGN
- LOW NOISE
- AVAILABLE IN FOUR MODELS (FROM 4.5 KW TO 18 KW)



IN FLOW WITH YOUR PRODUCTION.

# SD-S

## THERMO FAN

The fan coil ventilators type SD-S are suitable for the cooling and heating of large rooms and halls (room sizes from 500 - 2,500 m<sup>3</sup>) at positive, human-comfort ambient temperatures. This is done by using cold or hot water supplied by the cooling unit, that is also used for fermentation control, for example. The units can be smoothly integrated in existing systems. The housing of the SD-S series is made of robust lacquered, galvanized steel for high material durability. The use of mostly non-oxidizing components combine to make a device designed to be used in damp surroundings like wine cellars, cooling rooms or store rooms.

### OPTIONS / ACCESSORIES

In combination with a defrost-kit the units are suitable for a use in coldrooms which are kept at low temperatures. Defrost kits are electric heating elements made of a set of thin metallic heating rods which are fitted into the suitable slots, and under the coil of the thermo fan. When using a defrost kit, it is required to use the controller type FermFlex-Defrost which controls both the solenoid-valve and the fan itself for cooling and the heating element for periodical defrosting. The devices are also available in a stainless steel version 'SD PLUS'. Feel free to contact us!



### SUITABLE FOR INDUSTRIES



### APPLICATIONS

- ➔ Four models, with capacities from approx. 4,5 to 18,8 kW by human-comfort temperatures
- ➔ Aesthetic design; very low noise
- ➔ Robust construction: high resistance to thermal shock (high and low temperatures)
- ➔ Improved hygiene through rounded angles (no small corners where bacteria may settle)



#### TECHNICAL DATA

Modell		SD-S 35	SD-S 73	SD-S 73	SD-S 148
Capacity *	kW	4,5 *	7,6 *	10,4 *	18,8 *
Room sizes up to **	m <sup>3</sup>	500 **	800 **	1.500 **	2.500 **
Air volume	m <sup>3</sup> /h	1.420	2.530	3.800	5.070
Water inlet / outlet		3/4"	3/4"	1"	1"
Ventilator		230V/1Ph/50-60 Hz 1.500 rpm			
Blow range		14	15	18	21
Number of fans (Ø 300 mm)	m	1	2	3	4
W max		1x70	2x70	3x70	4x70
A max		1x0,32	2x0,32	3x0,32	4x0,32
Dimensions:	L mm	738	1.170	1.630	2.090
	W mm	484	484	484	484
	H mm	428	428	428	428
Weight	kg	18	33	46	63

\* Cooling capacity dependent on the ambient conditions

\*\* Room size dependent on the room-isolation and location  
Specifications subject to change.