



DWDI & SWSI Fans

Production Range

This fan range employs housings with square-shaped outlet and sizes from the R20 normal number series, in accordance to AMCA Standard 99-0098 76 and to DIN 323.

The RDH range is made of high efficiency, double width, double inlet centrifugal fans with backward inclined blades. Volume flow rate from 600 m³/h to 150.000 m³/h Total pressure up to 3500 Pa. 16 sizes from 180 up to 1000 mm wheel diameter.

Construction versions

RDH fans are available in the following versions:

Version	Series RDH	
	From Size	To Size
L	180	560
R	180	710
K	200	1000
K1	315	900
K2	500	1000

Twin fan versions

Where a limited fan height is required, RDH fans are available also in double or twin fan versions, with two double inlet impellers on a common shaft, supported by three or four bearings.

These versions are identified by the G2 prefix. Double fans are available in the following sizes:

Version	Series RDH	
	From Size	To Size
G2K	250	1000
G2K2	250	1000

DWDI



Retrovent - the efficient fan technology with scroll casing and airfoil blades.

- Single inlet for belt drive
- Various series with light, medium and heavy duty bearings
- Bearing in the airstream on separate bearing support pedestal out of the airstream
- Impeller with forwards curved blades made of galvanised sheet steel (Series ASH)
- Impeller with backward curved blades, welded and coated (series RSH)
- Impeller with backward hollow section true aerofoil blades. welded and coated (Series RER)
- Flow rate up to 150,000 m³/h
- Pressure up to 3,500 Pa

A system that saves space, time, and money - in an air handling unit or any other application!
The compact base frame offers decisive benefits.

- The frame lengths have been optimised and adjusted for the casing position and motor installation height to achieve the smallest possible overall height and length
- Precise and optimised coordination of all components, all the way through to installation, adjustment and testing