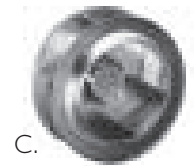
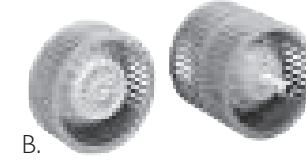
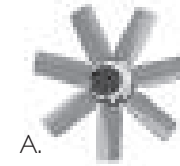


## 1. What style of impeller does it have?

Looks like a propeller	Axial <b>(A)</b>
Looks like a rotating drum	Centrifugal or radial
Blades look like a venetian blind	Forward curve <b>(B)</b>
Blades look like they are running backwards	Backward curve <b>(C)</b>



## 2. What is the diameter?

### Axial

315mm +	Ziehl-Abegg
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### Radial

220mm +	Ziehl-Abegg
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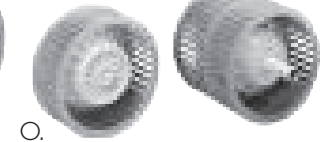
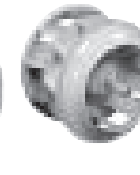
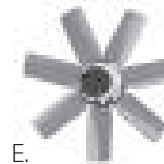
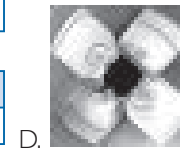
## 3. How many blades?

### Axial

4 Blades	Ziehl-Abegg FB style axial <b>(D)</b>
5 Blades or more	Ziehl-Abegg axial <b>(E)</b>

### Radial

8-12 Blades	Probably a backward curve centrifugal <b>(N)</b>
More than 12 Blades	Forward curve centrifugal <b>(O)</b>



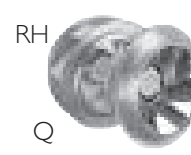
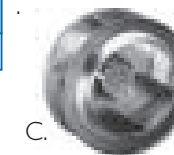
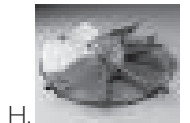
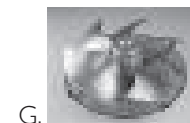
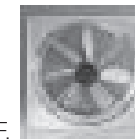
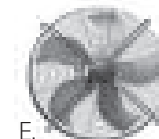
## 4. What type of blade material?

### Axial

Die cast alloy	FC <b>(F)</b> , FE <b>(G)</b> , FA <b>(H)</b>
Aluminium sheet	FB <b>(D)</b> , FL <b>(E)</b>

### Radial

Sheet steel	Ziehl-Abegg (EXe) backward curved <b>(C)</b>
Aluminium sheet	RH or RM series <b>(Q)</b>



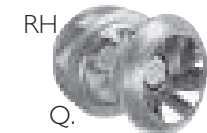
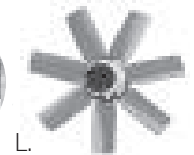
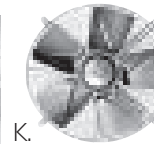
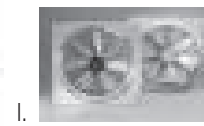
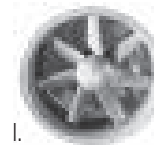
## 5. What mounting style or housing?

### Axial

Wall plate square or round?	<b>(I)</b>
Basket grille?	<b>(J)</b>
Flat grille?	<b>(K)</b>
No mounting?	<b>(L)</b>

### Radial

<b>No housing</b>	<b>(commonly) backward curve</b>
	Ziehl-Abegg RH, RM <b>(Q)</b>



## 5. What mounting style or housing? (continued)

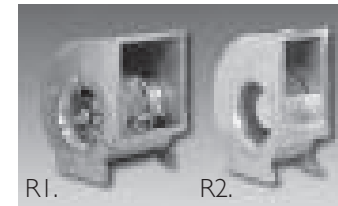
### Radial

#### Snail shell housing 1 inlet

	Ziehl-Abegg RG series <b>(R2)</b>
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#### Snail shell with 2 inlets

	Ziehl-Abegg RD series <b>(R1)</b>
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## 6. Which way does the air flow?

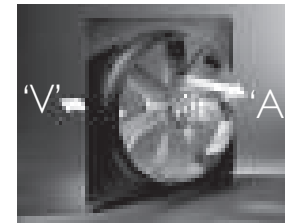
### Axial

#### When looking at rotor (spinning part) does the air:

Blow in your face?	Airflow 'A'
Blow away from your face?	Airflow 'V' (out over mounting brackets) <b>(M)</b>

### Radial

Not really applicable
-----------------------



M.

## 7. What is the power supply?

Single Phase (230V), Three Phase (400V) or DC	
Don't count the leads, this is not an indication.	
If a capacitor is present	Single phase

*(Other Voltage may apply if from imported equipment)*

## 8. What speed? (most customers may not know this if the label has worn off)

**ZIEHL-ABEGG**

~2800rpm	2 pole
~1440rpm	4 pole
~960rpm	6 pole

~720rpm	8 pole
~540rpm	10 pole
~400rpm	12 pole

## 9. What colour?

### Axial

Beige	FC
Black	Either FE, FA or FB
Grey	Usually FC

### Radial

Radial fans are usually not painted any specific colour.	
Blue	RH..C impeller

## 10. What has it come off?

Imported equipment	We can only offer the closest alternative
Local equipment	Which brand?
	We may be able to work out what the model is.

# Ziehl-Abegg Radial/Centrifugal Part No.

1	2	3	4	5	6	7	8	9	10	11	12
R					—						

- 1  R radial / centrifugal
- 2  fan type (H = single inlet backward curved, M = mixed flow)
- 3  4  fan size (cm)
- 5  fan Series
- 6  number of poles
- 7  power supply (D = 3 phase, E = 1 phase, G = D.C., K = electronic)
- 8  motor pattern
- 9  motor group
- 10  motor length & details
- 11  12  blade details

# Ziehl-Abegg Axial Part No.

1	2	3	4	5	6	7	8	9	10	11	12
F					—						

- 1  F axial fan
- 2  Fan series
- 3  4  5  fan size (cm)
- 6  number of poles
- 7  power supply (D = 3 phase, E = 1 phase, G = D.C., K = electronic)
- 8  pattern (A = bare fan, K = basket grille, Q = wall plate)
- 9  motor group (size)
- 10  motor length & details
- 11  direction of flow
- 12  blade angle

## Typical Location of Part Numbers



**Ziehl Abegg Axial**



**Ziehl Abegg Mixed Flow**



**Ziehl Abegg Radial**

Photos and drawings may not be a correct representation of all products.

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