



Serie QCF



FIXED CIRCULAR ROTATIONAL DIFFUSER



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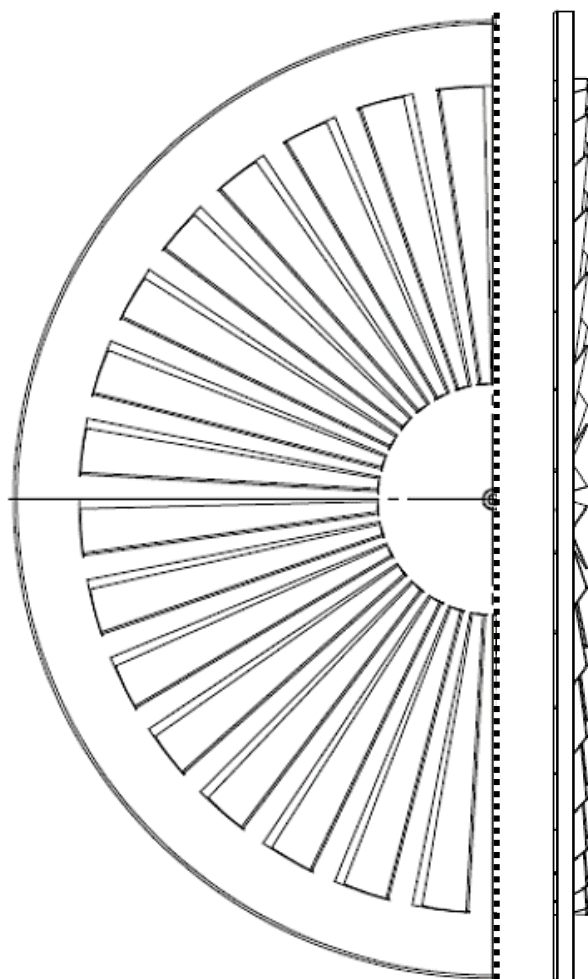


Avd. Cno. de lo Cortao, 28A, Nave 1
28703 San Sebastián de los Reyes, Madrid.

FIXED CIRCULAR ROTATIONAL DIFFUSER SERIE QCF



MODELS



QCF200/300/300

Circular swirl/rotational diffuser Ø300 mm in sheet steel with fixed blades for an average flow rate of 200 m³/h.

QCF300/400/400

Circular swirl/rotational diffuser Ø400 mm in sheet steel with fixed blades for an average flow rate of 300 m³/h.

QCF500/500/500

Circular swirl/rotational diffuser Ø500 mm in sheet steel with fixed blades for an average flow rate of 500 m³/h.

QCF600/600/600

Circular swirl/rotational diffuser Ø600 mm in sheet steel with fixed blades for an average flow rate of 600 m³/h.

QCF600/600/625

Circular swirl/rotational diffuser Ø625 mm in sheet steel with fixed blades for an average flow rate of 600 m³/h.

FIXED CIRCULAR ROTATIONAL DIFFUSER

SERIE QCF

FEATURES

Our QCF swirl/rotational diffuser is made of sheet steel, lacquered with epoxy paint. The fixed blades are the same color as the steel sheet.

FINISH

- **WHITE LACQUERED** diffuser.
- On request, it can be manufactured in other colors of the **RAL CHART**.

ACCESSORIES

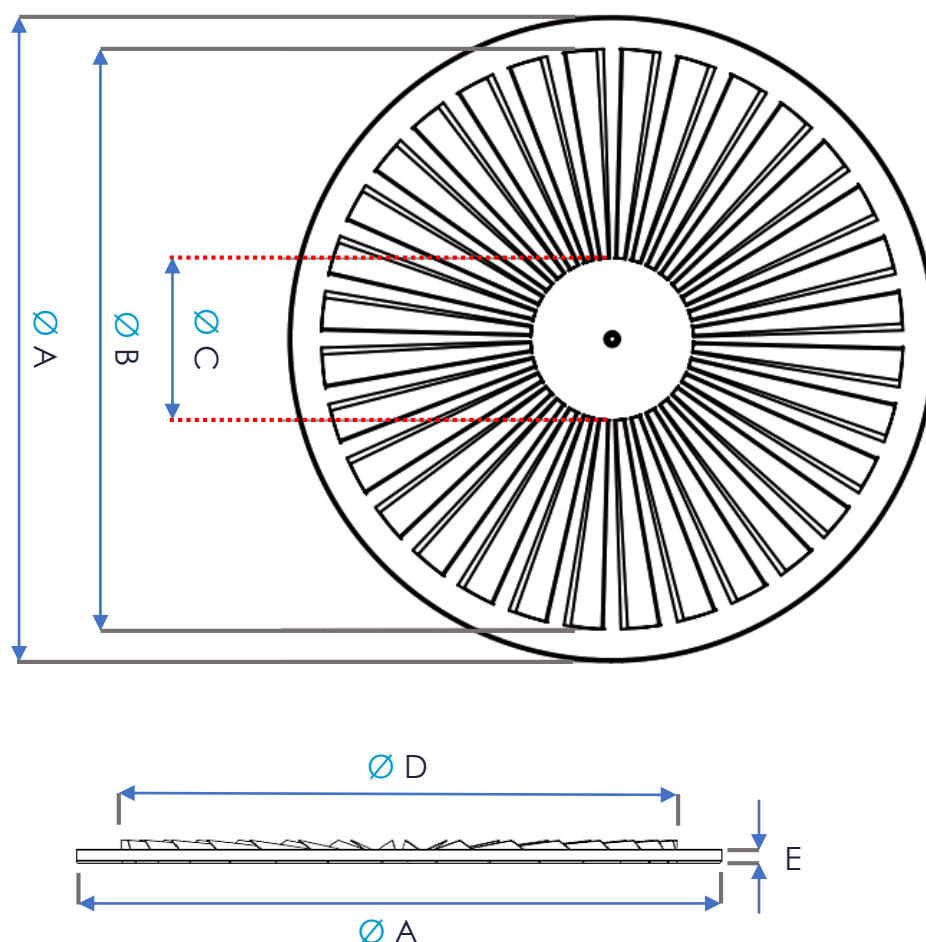
- Mounting crossbar.
- Insulated lateral connection plate plenum with regulation and equalizer plate.
- Insulated upper connection plate plenum with regulation and equalizer plate.

FIXING SYSTEM

- By means of screw for central fixing.

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DIMENSIONS



***Nota:** example of model description: “**QCF 200 / 300 / 300**”

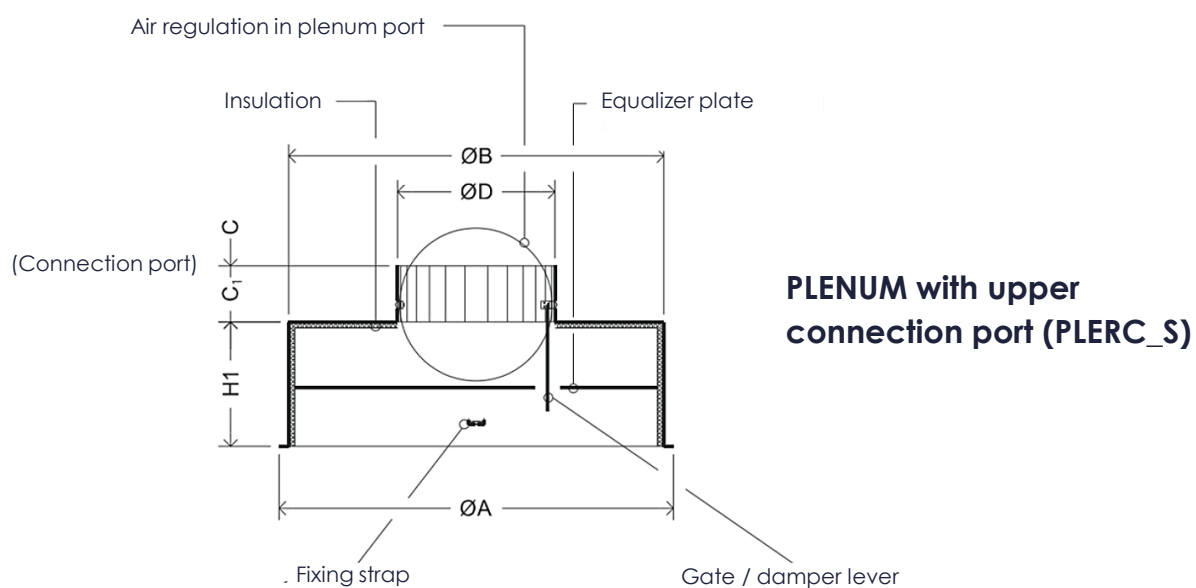
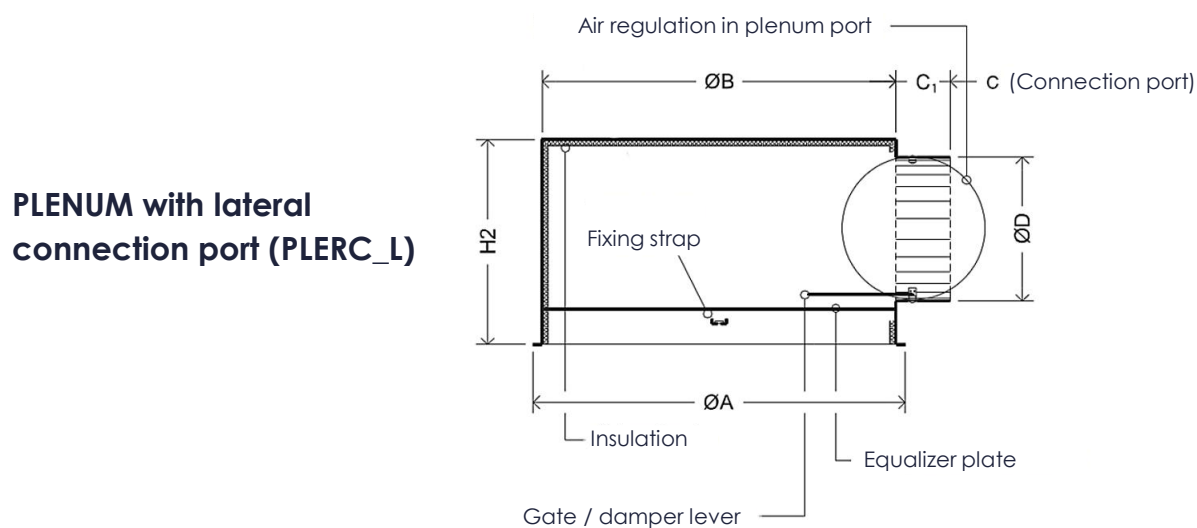
1. **200:** reference name.
2. **300:** blade assembly circumference.
3. **300:** plate measurement.

*Measurements in millimeters (mm)

MODEL	ØA	ØB	ØC	ØD	N° Blades	E
QCF200/300/300	296	236	100	238	28	12
QCF300/400/400	396	336	150	338	30	12
QCF500/500/500	496	436	150	438	32	12
QCF600/600/600	596	536	150	538	32	12
QCF600/600/625	621	536	150	538	32	12

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Installation by Plénum:



DIMENSION TABLE FOR PLENUM

PLENUM	Dimensions	ØA	ØB	C	C1	ØD	H1 (PLERC_S)	H2 (PLERC_L)
PLERC300	296	280	260	60	90	121	150	250
PLERC400	396	380	160	60	90	196	200	300
PLERC500	496	480	460	60	90	196	200	300
PLERC600	596	580	560	60	90	246	200	300
PLERC625	621	605	585	60	90	246	200	300

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QUICK SELECTION TABLE

	Diameter Ø	300	400	500	600	625
m ³ /h						
100	Aic I db(A) Δ P	1.15 <20 0.33	0.85 <20 0.22			
150	Aic I db(A) Δ P	1.8 30 0.75	1.34 21 0.49	0.88 <20 0.25		
200	Aic I db(A) Δ P	2.47 39 1.33	1.84 28 0.88	1.23 <20 0.44		
250	Aic I db(A) Δ P	3.15 45 2.07	2.36 34 1.37	1.59 22 0.68	1.01 <20 0.3	1.01 <20 0.3
300	Aic I db(A) Δ P		2.88 38 1.97	1.95 27 0.98	1.25 <20 0.43	1.25 <20 0.43
350	Aic I db(A) Δ P		3.42 42 2.69	2.33 31 1.34	1.5 21 0.59	1.5 21 0.59
400	Aic I db(A) Δ P		3.97 46 3.51	2.72 34 1.75	1.76 25 0.77	1.76 25 0.77
450	Aic I db(A) Δ P			3.11 38 2.21	2.03 29 0.97	2.03 29 0.97
500	Aic I db(A) Δ P			3.51 40 2.73	2.3 32 1.2	2.3 32 1.2
600	Aic I db(A) Δ P			4.32 45 3.93	2.86 37 1.73	2.86 37 1.73
700	Aic I db(A) Δ P				3.43 41 2.35	3.43 41 2.35
800	Aic I db(A) Δ P				4.03 45 3.07	4.03 45 3.07
1.000	Aic I db(A) Δ P				---	---
1.200	Aic I db(A) Δ P				---	---
1.500	Aic I db(A) Δ P				---	---

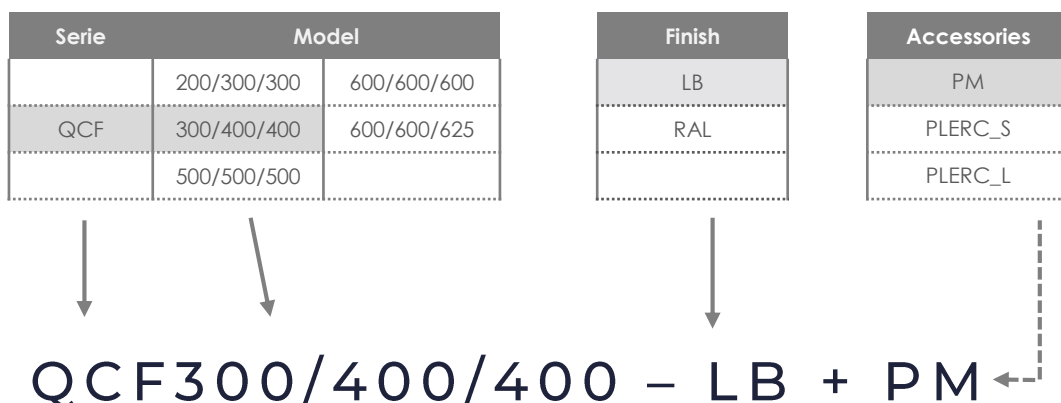
Aic I: Air supply range (m)

db(A): Sound level without regulation

Δ P: Static pressure drop (mm c.a)

FIXED CIRCULAR ROTATIONAL DIFFUSER SERIE QCF

GRAPHIC DESCRIPTION



DESCRIPTION

SERIE

- QCF: Circular rotational diffuser with fixed blades.

MODEL

- QCF300/400/400: Circular rotational diffuser Ø400 mm with fixed blades for an average flow rate of 300 m³/h.

FINISH

- LB: White lacquered.

ACCESSORIES (optional)

- PM400: Mounting crossbar for QCF300/400/400.

Order example: QCF300/400/400-LB+PM400

- To order a Circular rotational diffuser Ø400 mm with fixed blades for an average flow rate of 300 m³/h, white lacquered with mounting crossbar, you should request:

Order	Description
1 Diffuser QCF 300/400/400-White lacquered	Circular swirl/rotational diffuser Ø400 mm with fixed blades for an average flow rate of 300 m³/h, white lacquered.
1 Crossbar PM400	Mounting crossbar for QCF 300/400/400.

Order example: QCF200/300/300-LB+PLERC_L

- To order a Circular rotational diffuser Ø300 mm with fixed blades for an average flow rate of 200 m³/h, and circular insulated lateral connection plenum, you should request:

Order	Description
1 Diffuser QCF200/300/300-White lacquered	Circular swirl/rotational diffuser Ø300 mm with fixed blades for an average flow rate of 200 m³/h, white lacquered.
1 Plenum PLERC300L	Circular insulated lateral connection plenum. Model PLERC300L with air regulation in connection port.



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