



Serie QCFC-N



FIXED CIRCULAR-ROTATIONAL DIFFUSER
WITH CURVED BLADE AND COLLAR



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FIXED CIRCULAR-ROTATIONAL DIFFUSER WITH CURVED BLADE AND COLLAR SERIE QCFC-N



MODELS

QCFC-N 200/300/300

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

QCFC-N 350/400/400

Circular swirl/rotational diffuser Ø400 mm in sheet steel with curved fixed blades and neck/collar for an average flow rate of 350 m³/h.

QCFC-N 600/500/500

Circular swirl/rotational diffuser Ø500 mm in sheet steel with curved fixed blades and neck/collar for an average flow rate of 600 m³/h.

QCFC-N 850/600/600

Circular swirl/rotational diffuser Ø600 mm in sheet steel with curved fixed blades and neck/collar for an average flow rate of 850 m³/h.

QCFC-N 850/600/625

Circular swirl/rotational diffuser Ø600 mm in sheet steel with curved fixed blades and neck/collar for an average flow rate of 850 m³/h.



CARACTERÍSTICAS

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

ACCESSORIES

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

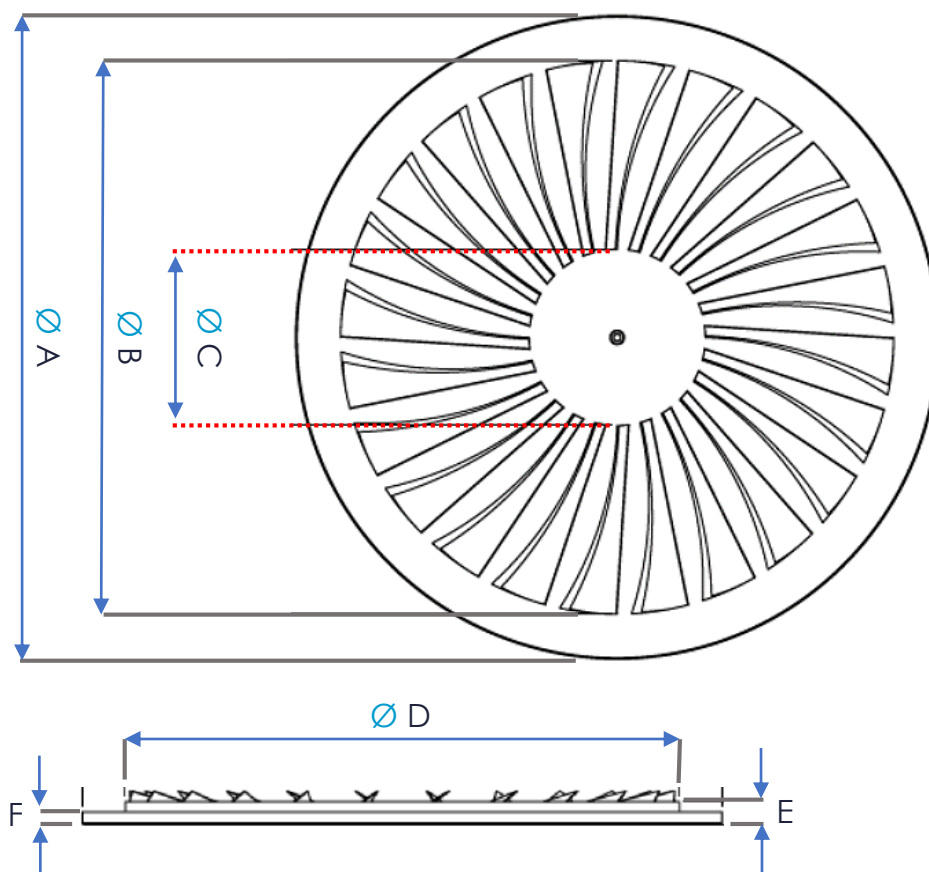
FINISH

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

FIXING SYSTEM

- By means of screw for central fixing.

DIMENSIONS



***Nota:** example of model description “**QCFC-N 200 / 300 / 300**”

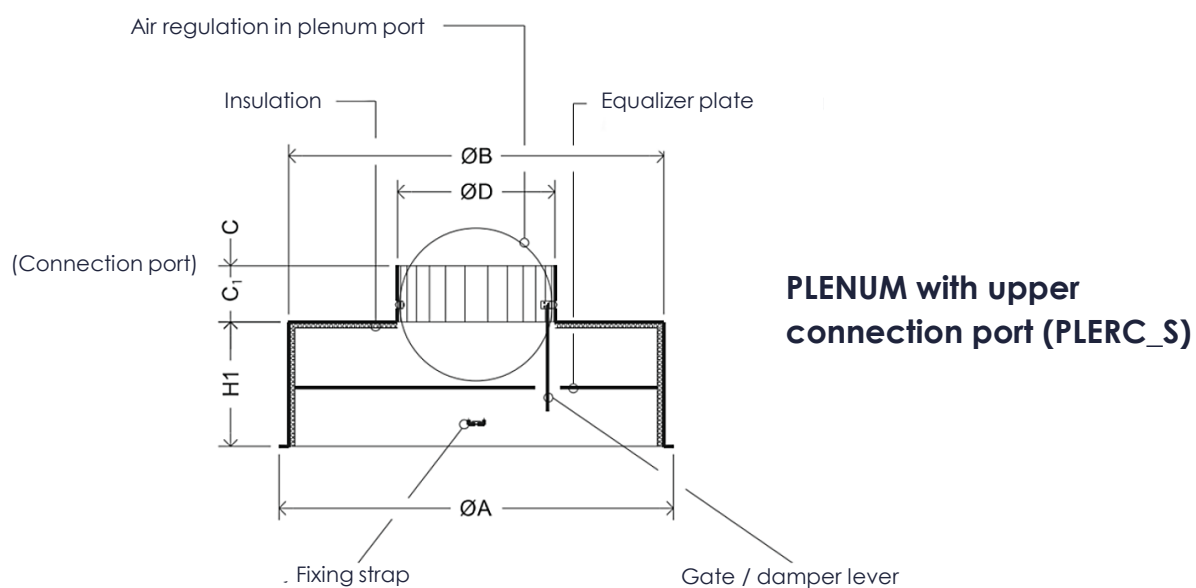
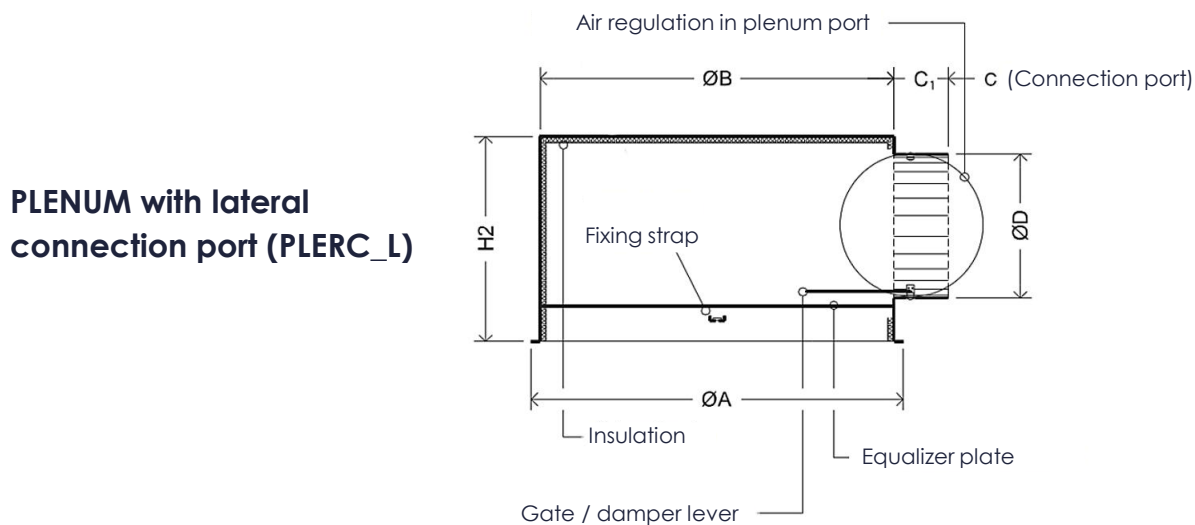
1. **200:** reference name.
2. **300:** blade assembly circumference.
3. **300:** plate measurement.

*Measurements in millimeters (mm)

MODEL	$\varnothing A$	$\varnothing B$	$\varnothing C$	$\varnothing D$	E	F
QCFC-N 200/300/300	296	236	86	238	41	11
QCFC-N 350/400/400	396	336	140	338	41	11
QCFC-N 600/500/500	496	436	170	438	41	11
QCFC-N 850/600/600	596	534	170	538	22	11
QCFC-N 850/600/625	621	534	170	538	22	11

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Installation by Plénum:



DIMENSION TABLE FOR PLENUM

PLENUM	Dimensions	ØA	ØB	C	C ₁	ØD	H1 (PLERC_S)	H2 (PLERC_L)
PLERC300	296	280	260	60	90	121	150	250
PLERC400	396	380	360	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
m³/h						
100	Aic I db(A) Δ P	0.9 <20 0.7	0.8 <20 0.2			
150	Aic I db(A) Δ P	1.6 26 1.7	1.3 <20 0.5			
200	Aic I db(A) Δ P	2.2 34 3	1.9 <20 0.8	1.1 <20 0.2		
250	Aic I db(A) Δ P	2.9 41 4.7	2.6 24 1.3	1.5 <20 0.3		
300	Aic I db(A) Δ P	3.7 47 6.7	3.2 30 1.9	1.9 <20 0.5		
350	Aic I db(A) Δ P		4 35 2.5	2.4 <20 0.7		
400	Aic I db(A) Δ P		4.8 39 3.3	2.9 22 0.9	1.9 <20 0.4	1.9 <20 0.4
450	Aic I db(A) Δ P		5.6 42 4.2	3.5 25 1.1	2.3 <20 0.5	2.3 <20 0.5
500	Aic I db(A) Δ P		6.4 46 5.1	4 28 1.4	2.7 <20 0.6	2.7 <20 0.6
600	Aic I db(A) Δ P			5.2 34 2	3.6 24 0.9	3.6 24 0.9
700	Aic I db(A) Δ P			6.5 39 2.7	4.6 28 1.2	4.6 28 1.2
800	Aic I db(A) Δ P			7.9 43 3.5	5.6 32 1.5	5.6 32 1.5
900	Aic I db(A) Δ P				6.8 36 1.9	6.8 36 1.9
1.000	Aic I db(A) Δ P				8 39 2.4	8 39 2.4
1.200	Aic I db(A) Δ P				10.6 44 3.4	10.6 44 3.4

Aic I: Air supply range (m)

db(A): Sound level without regulation

Δ P: Static pressure drop (mm c.a)

FIXED CIRCULAR-ROTATIONAL DIFFUSER WITH CURVED BLADE AND COLLAR SERIE QCFC-N

GRAPHIC DESCRIPTION

Serie		Model
	200/300/300	850/600/600
QCFC-N	350/400/400	850/600/625
	600/500/500	

Acabados
LB
RAL

Accesorios
PM
PLERC_S
PLERC_L

QCFC-N350/400/400 – LB + PM

DESCRIPTION

SERIE

- QCFC-N: Circular rotational diffuser with collar and curved fixed blades.

MODEL

- QCFC-N 350/400/400: Circular rotational diffuser Ø400 mm with collar and curved fixed blades for an average flow rate of 300 m³/h.

FINISH

LB: Lacado en blanco.

ACCESSORIES (optional)

PM400: Mounting crossbar for QCFC-N 300/400/400.

Order example: QCFC-N 350/400/400-LB+PM400

- To order a circular rotational diffuser Ø400 mm with collar and curved fixed blades for an average flow rate of 350 m³/h, white lacquered, with mounting crossbar, you should request:

Order	Description
1 Diffuser QCFC-N 350/400/400-LB	Circular swirl/rotational diffuser Ø400 mm with collar and curved fixed blades for an average flow rate of 350 m³/h, white lacquered
1 Crossbar PM400	Mounting crossbar for QCFC-N 350/400/400.

Order example: QCFC-N 200/300/300-LB+PLERC_L

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

Order	Description
1 Diffuser QCFC-N 200/300/300-LB	Circular swirl/rotational diffuser Ø300 mm with collar and curved 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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