

ADJUSTABLE EXHAUST
SUPPLY VALVES

anjos

inspirer le bien-être

BORÉA

Ø 80 - 125 mm

Plastic

Snap-off deflectors

Ceiling or wall mounting



BORÉA

- May be combined with RDR flow regulators
- Push-fit directly into ducts or may be combined with collars or sleeves
- Made entirely of polystyrene
- Body with adjustable inner core and closable central grille for variable flow rates
- Snap-off deflectors channel the air diffused indoors

Presentation



BORÉA adjustable exhaust valves exhaust and supply air in dwellings and commercial spaces. These white plastic valves are specially designed to be fitted in ceilings or walls. They feature snap-off deflectors that channel the air diffused indoors.

Adjustments - configurations

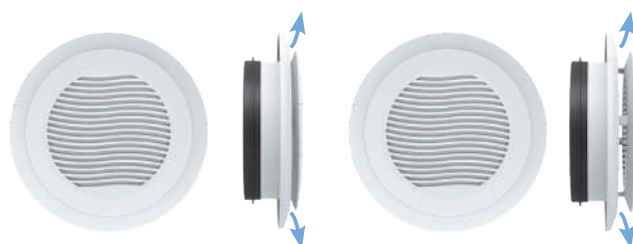
Supply

Wall mounting



Grille open
Inner core closed

Ceiling mounting



Grille closed
Inner core position 1
Without deflectors

Grille closed
Inner core position 2
With or without deflectors

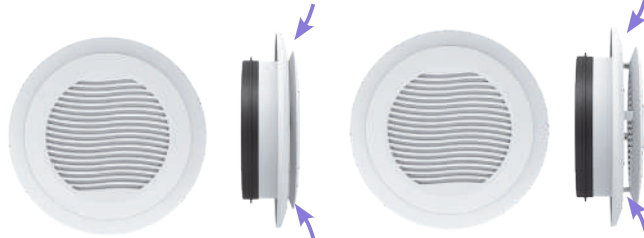
Exhaust

Wall mounting



Grille open
Inner core position 2
Without deflectors

Ceiling mounting



Grille closed
Inner core position 1
Without deflectors

Grille closed
Inner core position 2
Without deflectors

Each BORÉA valve features snap-off deflectors for channelling the flow of air.
For four-way extraction or supply, remove the snap-off deflectors.



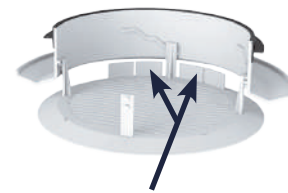
These valves should never be completely closed



The grille swivels open and closed

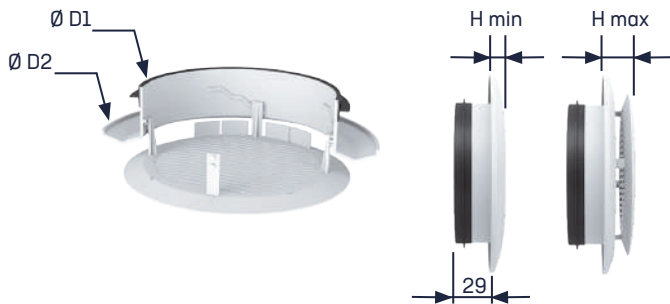


The inner core has three positions (closed, intermediate, maximum)



Snap-off deflectors

Sizes



	Ø D1 (mm)	Ø D2 (mm)	Hmin (mm)	Hmax (mm)
BORÉA 80	74	110	9	20
BORÉA 125	119	165	12	24

Mise en œuvre

Fitting on ducts, collars and sleeves

The gasketed valves push-fit directly into ducts. The lip gasket ensures a tight seal and fit.

They may be fitted without a gasket on ducts fitted with collars or on plasterboard sleeves or already-fitted ceiling-embedded ducts. A gasket ensures a tight seal between sleeves and ducts.

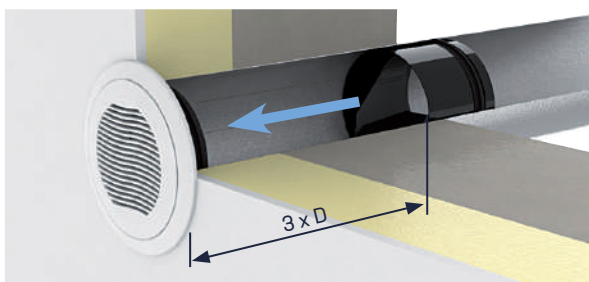
Fitting with a flow regulator

The RDR flow regulator push-fits directly inside ducts.

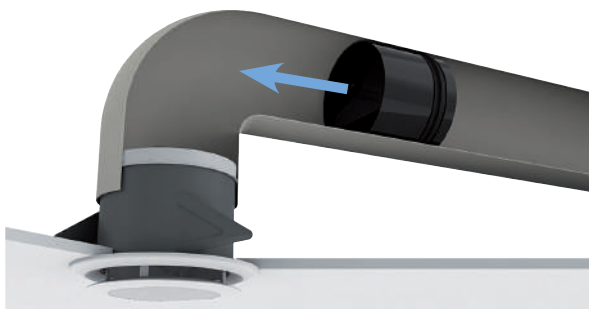
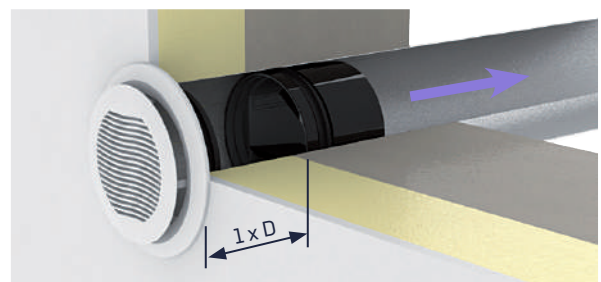
When air is supplied, the BORÉA valve and the regulator must be at least three diameters in distance from one another.

When air is exhausted, the BORÉA valve and the regulator must be at least one diameter in distance from one another.

BORÉA with RDR flow regulator in supply mode



BORÉA with RDR flow regulator in exhaust mode



Characteristics

Characteristics

Tests conducted without adjustment dampers or flow regulators.

The use of either of these components will alter the initial characteristics of the valves.

Type	Qv (m³/h)	SUPPLY								EXHAUST					
		Grille open, inner core closed		Without deflectors				With deflectors		Grille open, inner core open		Grille closed, inner core open			
				Grille closed, inner core open		Position 2		Position 1				Position 2			
		dP (Pa)	Lw (dB(A))	dP (Pa)	Lw (dB(A))	dP (Pa)	Lw (dB(A))	DP (Pa)	Lw (dB(A))	dP (Pa)	Lw (dB(A))	dP (Pa)	Lw (dB(A))	dP (Pa)	Lw (dB(A))
BORÉA 80	15	8	< 20	10	< 20	3	< 20	5	< 20	2	< 20	10	< 20	4	< 20
	30	33	21	34	33	14	21	18	34	7	< 20	36	35	14	22
	45	70	34	-	-	30	31	37	36	15	28	-	-	29	34
BORÉA 125	45	9	< 20	18	26	7	< 20	13	22	3	< 20	20	23	7	< 20
	60	17	< 20	30	31	13	21	20	27	5	< 20	37	33	13	21
	75	25	24	40	35	18	24	31	32	8	< 20	57	41	20	25
	90	36	31	56	39	25	28	43	36	11	20	80	46	27	29
	120	62	43	-	-	40	36	70	43	19	28	-	-	48	36
	150	-	-	-	-	62	41	-	-	28	34	-	-	74	43

Qv: flow rate of the air supplied or extracted by the valve.

dP: total pressure drop of the valve.

Lw: sound power level. This level is characteristic of the valve.

Codification products

Description	Code	Description	Code
BORÉA 80 with dia. 80 mm gasketed collar	9000	BORÉA 125 with dia. 125 mm gasketed collar	9002
Metal collar - dia. 80 mm x L 45 mm	1110	Metal collar - dia. 125 mm x L 47 mm	1164
Metal plasterboard sleeve - dia. 80 mm x L 100 mm	1154	Metal plasterboard sleeve - dia. 125 mm x L 100 mm	1162
BORÉA 80 P kit = BORÉA 80 + 3-pronged plasterboard sleeve (dia. 80 mm x L 100 mm) with gasket (wrapped)	9020	BORÉA 125 P kit = BORÉA 125 + 3-pronged plasterboard sleeve (dia. 125 mm x L 100 mm) with gasket (wrapped)	9030
BORÉA 80 D kit = BORÉA 80 + ceiling sleeve (dia. 80 mm x L 275 mm) with plastic gasket (wrapped)	9021	BORÉA 125 D kit = BORÉA 125 + ceiling sleeve (dia. 125 mm x L 275 mm) with plastic gasket (wrapped)	9031
BORÉA 80 MC kit = BORÉA 80 with gasket + dia. 80 mm MC elbow sleeve (wrapped)	9022		

