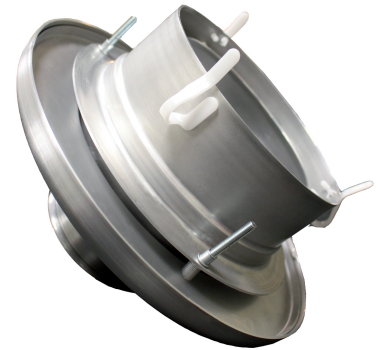


JET-A (ALU)

- JET nozzles
- Circular
- Aluminium
- Aluminium natural finish



Aluminium JET nozzles type JET-A (ALU)

Manually adjustable JET nozzles

Brand

- Cairox

Application

- JET nozzles are used for hot or cold air supply in ventilation and air conditioning systems where a long throw, high induction and low sound levels are required.
- The nozzles are manually adjustable to be set for cooling or heating purposes

Material

- Coated Aluminium

Colour

- Natural aluminium finish
- Other colours available upon request

Composition

- The nozzle can be adjusted manually to direct the air flow over 30° in all directions.

Text for tender

- The air supply diffusers are of the JET type for long throw application. They are made in natural aluminium with coating in natural finish.
- **Cairox** type **JET-A**

Order example

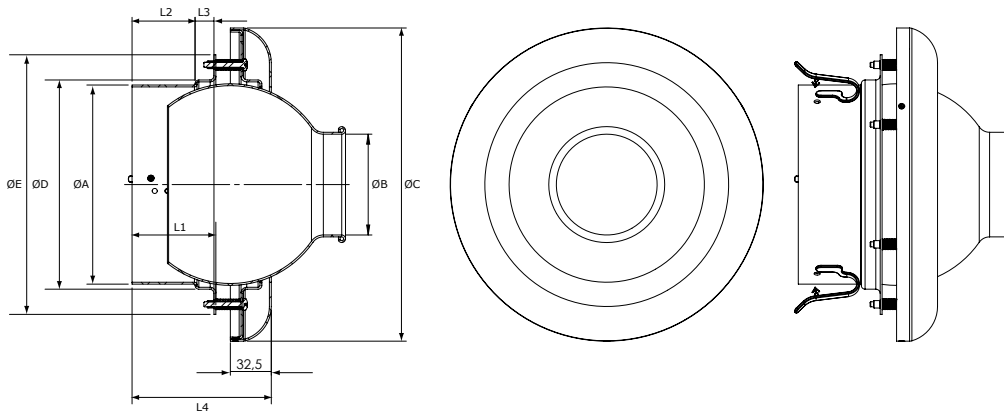
- **JET-A, 300 (150)**

Explanation

JET = Diffuser type

300 = Connection diameter

150 = Nozzle size



Dimensions									
JET-A	ØA[mm]	ØB[mm]	ØC[mm]	ØD[mm]	ØE[mm]	L1[mm]	L2[mm]	L3[mm]	L4[mm]
160	158	80	249	166	206	66.5	50	15	110
200	198	110	289	206	246	66.5	50	15	111
300	298	150	389	306	346	66.5	50	15	110
400	398	230	489	406	446	66.5	50	15	111

		Quick selection			
JET-A		160/80	200/110	300/150	400/230
Q	Ak	0.0059	0.0101	0.0183	0.0432
100	Vk	4.7			
	X0,25	8.9			
	Ps	12			
	Lw(A)	20			
150	Vk	7.1	4.1		
	X0,25	13.4	10.1		
	Ps	30	9		
	Lw(A)	30	<20		
200	Vk	9.4	5.5	3	
	X0,25	17.6	13.6	10	
	Ps	54	17	5	
	Lw(A)	37	24	<20	
300	Vk		8.3	4.6	
	X0,25		20.4	15.3	
	Ps		41	12	
	Lw(A)		34	<20	
400	Vk		11	6.1	
	X0,25		27	20.2	
	Ps		75	22	
	Lw(A)		40	26	
500	Vk		7.6		3.2
	X0,25		25.2		16.4
	Ps		34		6
	Lw(A)		32		<20
600	Vk		9.1		3.9
	X0,25		30.1		20
	Ps		50		8
	Lw(A)		36		<20
800	Vk				5.1
	X0,25				26
	Ps				15
	Lw(A)				22
1200	Vk				7.7
	X0,25				39.2
	Ps				35
	Lw(A)				32
1400	Vk				9
	X0,25				45.7
	Ps				49
	Lw(A)				36
1800	Vk				11.6
	X0,25				58.8
	Ps				84
	Lw(A)				41

Symbols and specifications

- Q = Air volume in m³/h
 - Ak = Effective surface (free area) in m²
 - Vk = Average effective velocity through the grill in m/s
 - X0.25 = Horizontal throw in m at an end velocity Vt of 0.25 m/s
 - Ps = Static pressure loss given in Pa
 - Lw(A) = Acoustic power in dB(A)
- The throw X0.25 is given without deflection of the airstream at an end velocity of 0.25m/s. The distances are given without coanda effect.
 - The values are given for isothermal supply air. Throw distances for cooling conditions at -11K can be calculated by deviding the X0.25 values with factor 1.1. For heating purposes at Dt of +11K a multiplier of 1.1 should be applied to the given X0.25 value.
 - The acoustic power Lw(A) are given for grilles without room attenuation. Acoustic powers below 20dB(A) are mentioned as "<20" in the tables.

- For special requirements, please contact our engineering office.

Placement instruction