

ONN

Jet Nozzle Type-1



FEATURES

- The ONN Jet Nozzle [Type 1] is designed to deliver air uniformly into the comfort zone in large spaces with high ceilings, such as sports complexes, airports, atriums, and industrial facilities.
- It is engineered for horizontal air-throw applications, and its inner spherical core can rotate 360° around its axis, allowing $\pm 30^\circ$ adjustment on both the vertical and horizontal axes. This feature enables optimization of the supply-air characteristics for both summer and winter operating conditions.
- The inner spherical core can be easily adjusted by hand, enabling conditioned air to be directed toward hard-to-reach areas within the space

MATERIAL

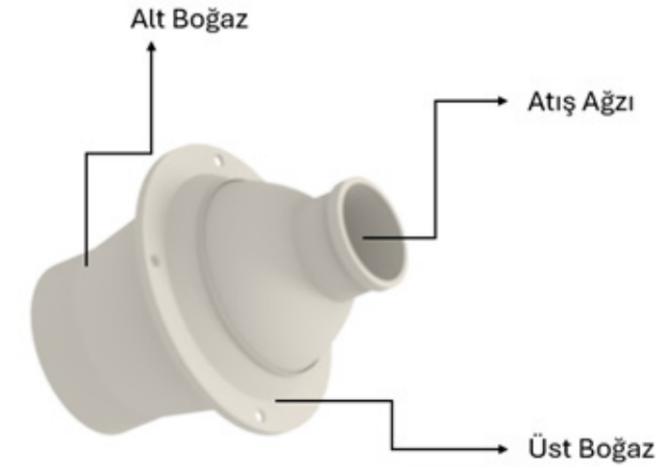
- Manufactured from 1.5 mm aluminum 1050 material.
- The outer flange and inner spherical core are produced from aluminum sheet.

SURFACE COATING

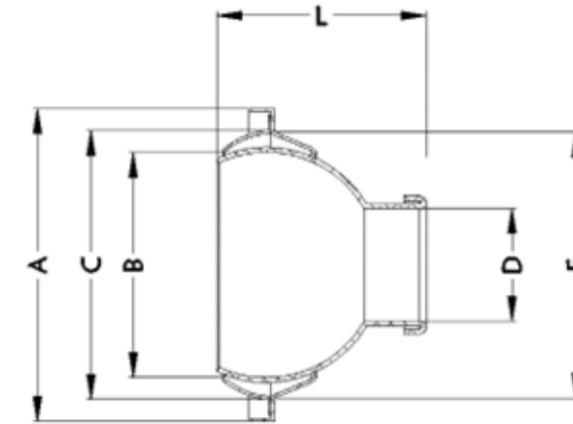
- As standard, the product is coated with an "Electrostatic Powder Coating" in RAL 9010 or RAL 9016.
- Upon customer request, production in other RAL colors or in an uncoated [raw] finish is also available.
- For airflow adjustment, an optional column damper—painted in the same color as the product—can be supplied in an integrated configuration.

INSTALLATION

- Screw-mounted installation
- Installation on circular duct types
- Wall-mounted installation
- Grouped installation with ONG – Group Nozzle



STANDARD DIMENSIONS



	ØA (mm)	ØB (mm)	ØC (mm)	ØD (mm)	ØE (mm)	L (mm)
JA 3	100	72	85	36	85	67
JA 4	145	105	115	50	112	93
JA 5	185	130	145	62	143	120
JA 6	205	125	160	76	165	170
JA 7	235	155	200	90	195	180
JA 8	250	198	216	100	216	180
JA 10	326	247	292	140	306	260
JA 12	373	298	334	165	352	280

Table 1: Standard Dimensions

PERFORMANCE DATA

MODEL	DISCHARGE OUTLET Ø (MM)	FEATURE	Airflow (m³/h)													
			25	51	68	85	102	136	153	212	297	340	425	510	680	850
JA 3	36	Pressure Drop (Pa)	27	104	186											
		Sound Level (dBA)	25	32	37											
		Velocity (m/s)	6	13	17											
		Throw Distance (m)	2,1	5	8											
JA 4	50	Pressure Drop (Pa)		35	62	97	140									
		Sound Level (dBA)		25	30	32	35									
		Velocity (m/s)		7	10	12	14									
		Throw Distance (m)		3,4	5	6,1	7,6									
JA 5	62	Pressure Drop (Pa)			22	32	45	77	100							
		Sound Level (dBA)			22	25	26	32	34							
		Velocity (m/s)			6	7	9	11	13							
		Throw Distance (m)			3,4	4,6	6,1	7,6	9,2							
JA 6	76	Pressure Drop (Pa)				17	25	45	57	112						
		Sound Level (dBA)				20	22	28	29	35						
		Velocity (m/s)				5	6	9	10	13						
		Throw Distance (m)				3,4	4,6	7	7,6	10,5						
JA 7	90	Pressure Drop (Pa)						22	27	53	102	135				
		Sound Level (dBA)						22	24	29	35	37				
		Velocity (m/s)						6	7	9	13	15				
		Throw Distance (m)						6,1	6,5	9,2	12,2	14				
JA 8	100	Pressure Drop (Pa)							17	32	62	82	127			
		Sound Level (dBA)							20	25	31	36	40			
		Velocity (m/s)							5	7	11	12	15			
		Throw Distance (m)							6,1	9,2	12,2	13,5	17			
JA 10	90	Pressure Drop (Pa)									17	22	35	50	87	137
		Sound Level (dBA)									20	23	26	28	38	44
		Velocity (m/s)									5	6	8	9	12	15
		Throw Distance (m)									7,6	9,2	10,9	13,5	17	22
JA 12	100	Pressure Drop (Pa)											15	22	37	60
		Sound Level (dBA)											25	30	32	37
		Velocity (m/s)											6	7	9	11
		Throw Distance (m)											10	12,2	15	18

SUSTAINABILITY SOLUTIONS AT DOGU HVAC



We offer supplementary health insurance to our employees to promote healthy living. We also plan health-focused initiatives such as smoking cessation programs.



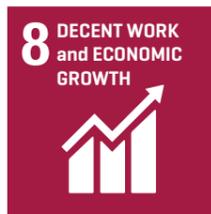
Through the DOGU HVAC CLUB project, we organize technical tours of our factory, participate in career events, and provide sponsorships to support the skill development of university and technical high school students.



In 2024, we increased female employment in our administrative and production departments. This step aims to contribute to gender equality by offering a workplace with equal rights for all employees.



Our R&D center's 2,500 m² solar panels and 0.6 MW annual capacity solar energy systems reduce our carbon footprint. We generate our electricity, ensuring a reliable, sustainable, and accessible clean energy source.



Decent Work and Economic Growth: As an employer brand, our primary goal is to protect our employees' rights and create a workplace founded on equality and justice for all employees.



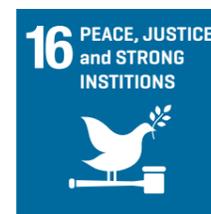
We enhance indoor air quality with environmentally friendly and energy-efficient products, ensuring adherence to European standards.



We minimize waste through lean production policies and emphasize recycling, simultaneously increasing efficiency in our production processes.



We support environmental protection through our eco-friendly, sustainable, energy-efficient product lines and R&D efforts focused on reducing waste that could contribute to climate change.



We value transparency and accountability, working with associations like ISKAV to prevent corruption and unfair competition, aligning with sectoral ethical values.



Venues Breathe With Us



Scan to watch our promotional video