

AIR NOZZLES

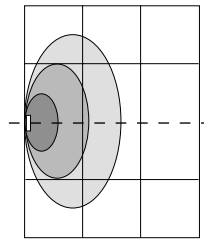
ROUND JET

This efficient blow-off nozzle delivers a highly laminar stream of air with limited noise generation. The laminar nature of the output air flow minimizes both the turbulence associated with the surrounding air that is entrained in the fast moving stream, and the level of audible noise produced,

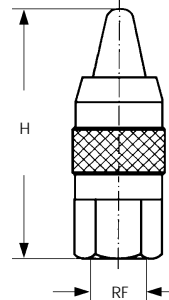
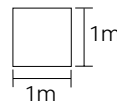
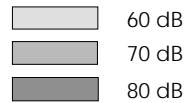
The table at the right below gives airflow capacity at various working pressures. The graph at the right shows the noise level as a function of location relative to the nozzle, measured at 30 psi.

Connection: 1/4" female thread

Material: Body: Anodized aluminum (V1)  
Nipple: 303 stainless steel (B1)



Noise level diagram at 30 psi.



Code	RF	D1	Air capacity (cfm)					H
UEA0010V1SN	1/4"	0.4	9	12	15	18	21	1 1/4"
Pressure (psi)			30	45	60	75	90	

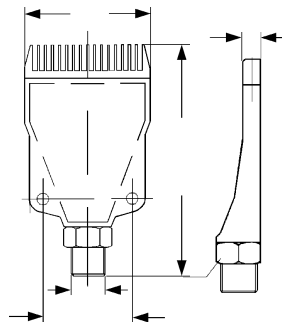
This blow-off nozzle, containing 16 orifices, is used in applications where a flat jet of air with high impact velocity is required. Its design produces a uniform layer of air with low noise emission.

Typical applications include cooling, drying, cleaning, and the movement of objects. The nozzles can be ganged together on a pipe manifold as shown below to achieve wide coverage.

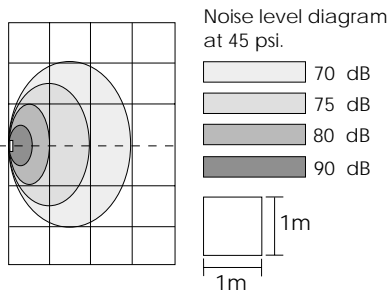
Connection: Male thread

Material: Polyacetal resin

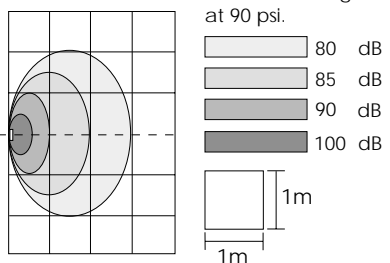
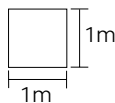
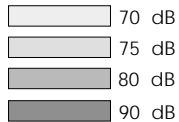
Max temperature 195° F  
Max working pressure 75 psi



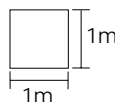
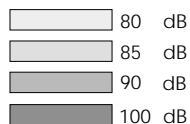
FLAT JET



Noise level diagram at 45 psi.



Noise level diagram at 90 psi.



Code	RG	Air capacity (cfm)					D1	H	L	L1	L2	WS
UEA0525E31SN	1/4"	9	16	22	28	33	.17"	3.5"	1.9"	1.4"	.25"	5/8"
Pressure (psi)		15	30	45	60	75						

