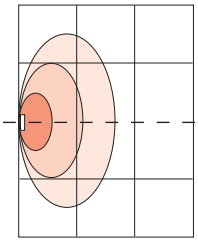
COMPLEMENTARY PRODUCTS

AIR BLOWING NOZZLES

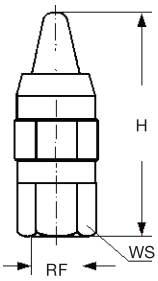
UEA D020

These air blowers are engineered to direct a powerful air stream on a well defined area. Their carefully studied profile creates a laminar pattern of air with very low turbulence that drags in the surrounding ambient air to increase the local impact of the air stream. Due to the low turbulence, both loss of energy and sound wave emissions are kept very low. The blower is made in lightweight electroless nickel plated aluminum or 316L stainless steel. The table shows the air capacities as a function of the air pressure, while the graph gives the noise level as a function of the front and side distances from the nozzle for an air pressure value of 2 bar.



Noise level diagram at 2 bar air pressure.

68 dB
72 dB
75 dB
1m



These air blowers meet the requirements of American OSHA regulations

Materials

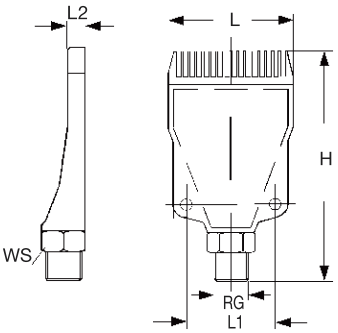
Body
- **V7** Aluminum, electroless nickel plated **LT** 95° C - **LP** 15 bar
- **B31** AISI 316 L Stainless steel **LT** 110° C - **LP** 15 bar

Code	RF inch	Air capacity Ncm/h							H mm	WS mm
UEA D020 B31xx	1/4	15	20	25	31	35	55	17		
UEA D020 V7xx		15	20	25	31	35	55	17		
Pressure (bar)		2,0	3,0	4,0	5,0	6,0				

xx = Thread Codes
SG = BSP **SN** = NPT

UEA L022

These air blowers were designed for applications in which a flat blade-shaped air stream with specifically high impact is offered, for example, to cover a given width on a moving conveyor. Here again the external profile gets a strong suck up action on the surrounding air, generating a high impact laminar air blade and avoiding the highly turbulent conditions of a free-air jet with a consequent reduction of energy and noise.

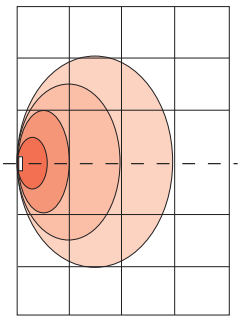


Materials
- **E31** Polyacetalic resin (POM) **LT** 80° C - **LP** 5 bar
- **V7** Aluminum, electroless nickel plated **LT** 95° C - **LP** 15 bar

Code	RG inch	Air capacity Ncm/h					H mm	L mm	L1 mm	L2 mm	WS mm
UEA L022 E31xx	1/4	10	17	22	28	33	90	48	35	6,5	16
UEA L022 V7xx		10	17	22	28	33	90	48	35	6,5	16
Pressure (bar)		1,0	2,0	3,0	4,0	5,0					

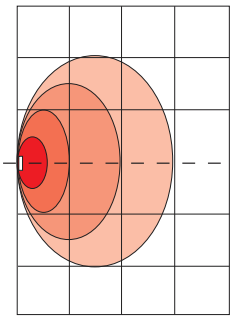
These air blowers meet the requirements of American OSHA regulations

xx = Thread Codes
SG = BSPP **SN** = NPT



Noise level diagram at 3 bar air pressure.

70 dB
72 dB
74 dB
78 dB
1m



Noise level diagram at 6 bar air pressure.

76 dB
78 dB
80 dB
82 dB
1m