

- Duct fans
- Circular
- Mixed flow
- AC 230 V



Duct fans type UALINE 3N

3 speed mixed flow duct fan with high efficiency

Application

- Thanks to the fact that the motor is integrated in the stator's hub, out of the air stream, the **UALINE 3N** fans can be used for slightly polluted air.
- The **UALINE 3N** fans are used for ventilation in offices, schools and small spaces, etc.

Composition

- Compact fan housing with mounting bracket included.
- The fan housing is made out of polyamid. The impeller balanced according to the quality of G6.3 according to DIN ISO 1940 on two Levels.
- The motor is equipped with maintenance-free, long-life ball bearings.
- Supply: 230Vac 1ph
- Insulation class F – protection class IP44
- Motor with overheat protection

Accessories

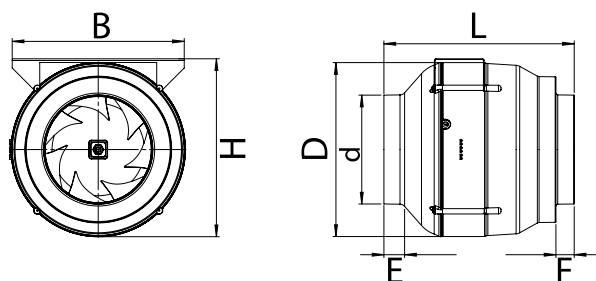
- 3-speed switch, type **MSS**
- Fitting clamp, type **BMK**
- Protection grille, type **BSV**

	Air performance data					
	Q [m³/h]					
	50Pa	100Pa	150Pa	200Pa	250Pa	300Pa
UALINE 125 3N 01	330	295	250	180	10	-
UALINE 150 3N 01	390	350	310	270	70	-
UALINE 150L 3N 01	730	680	630	570	510	160
UALINE 160 3N 01	400	360	320	270	50	-
UALINE 160L 3N 01	770	710	660	600	540	440
UALINE 200 3N 01	860	790	680	500	140	-
UALINE 200L 3N 01	850	800	740	680	610	530
UALINE 250 3N 01	1640	1560	1480	1380	1260	570

Duct fans

Technical data											
	U [V]	P [W]	I [A]	η _t [%]	t _m [°C]	t _u [°C]	t _o [°C]	n [rpm]	Lwa [dB(A)]		
									Lwa 5	Lwa 6	Lwa 2
UALINE 125 3N 01	1 x 230	52	0.24	22,3	80	80	-25	2740	67	66	55
UALINE 150 3N 01	1 x 230	53	0.30	31.6	80	80	-25	2767	68	70	57
UALINE 150L 3N 01	1 x 230	129	0.60	31.5	50	50	-25	2591	74	74	66
UALINE 160 3N 01	1 x 230	53	0.30	32.9	80	80	-25	2779	68	70	58
UALINE 160L 3N 01	1 x 230	130	0.60	33,1	50	50	-25	2614	71	72	64
UALINE 200 3N 01	1 x 230	109	0.50	32,7	60	60	-25	2724	73	77	63
UALINE 200L 3N 01	1 x 230	130	0.59	35,6	50	50	-25	2703	75	77	69
UALINE 250 3N 01	1 x 230	180	0.82	53	50	50	-25	2885	78	79	65

- η_t = Maximum total efficiency
- t_m = Maximum air temperature
- t_u = Maximum ambient temperature
- t_o = Minimum operating temperature
- Lwa 2 = Casing sound power level
- Lwa 5 = Sound power level @inlet
- Lwa 6 = Sound power level @outlet
- The sound power levels are measured according to DIN 45635 part 2 & 38



Dimensions								
	B [mm]	D [mm]	d [mm]	E [mm]	F [mm]	L [mm]	H [mm]	[kg]
UALINE 125 3N 01	190	191	124	22	24	215	197	2.4
UALINE 150 3N 01	190	191	149	22	24	215	197	2.1
UALINE 150L 3N 01	235	238	149	22	23	260	243	3.4
UALINE 160 3N 01	190	191	159	22	23	215	197	2.2
UALINE 160L 3N 01	235	238	159	22	23	260	243	3.4
UALINE 200 3N 01	199	201	-	-	-	225	205	3.2
UALINE 200L 3N 01	243	238	199	22	23	245	243	3.3
UALINE 250 3N 01	245	250	-	-	-	278	259	7.1