

NORTHERN LIGHT® PRO HVLS FANS

TECHNICAL SPECIFICATIONS

BRAND NAME		NORTHERN LIGHT® PRO			
PRODUCT NUMBER		NL200	NL300	NL400	NL500
Fan diameter	cm	200	300	400	500
Effective coverage area (destratification)	m2	250	600	800	1000
Maximum air movement*	m3/h	23.000	55.000	70.000	75.000
Voltage	V	230	230	230	230
Power consumption at normal operation	W	30	59	51	35
UVC System input power	W	300	300	300	300
UVC System output power	W	95	95	95	95
UVC System peak wavelength	nm	254	254	254	254
Motor Efficiency at maximum continuous power	%	90%	90%	90%	90%
Total system hanging weight	kg	32	36	40	44
Number of air blades	pcs	5	5	5	5
Air blade material		Anodized REDUXA Low Carbon aluminium			
Minimum air blade clearance to ceiling	cm	50	50	50	50
Minimum distance from floor to underneath fan	m	3	3	3	3
Recommended distance between fans	m	8	10	12	16
Standard drop tube length	cm	53, 85 or 117 (can be extended)			
Direct drive motor (no gear box)		✓	✓	✓	✓
Integrated fire relay connectivity		✓	✓	✓	✓
Forward and reverse mode		✓	✓	✓	✓
Modbus RTU Communication protocol		✓	✓	✓	✓
Wireless control		Bluetooth (optional)			
Wired control via Cat6		Cat6 (optional)			
Stabilizing wire kit included		optional extra accessory			
Color options		standard, white, custom			
Eliminates 87,9% of coronavirus (SARS-COV-2) per passage, modeled by COMSOL CFD analysis					

* Performance tested according to the AMCA 230 -15 Standard

