

# NORTHERN AIR® AGGRESSIVE ENVIRONMENT TECHNICAL SPECIFICATIONS

BRAND NAME		NORTHERN AIR® AGGRESSIVE ENVIRONMENT*		
PRODUCT NUMBER		NA-AE300	NA-AE400	NA-AE500
Fan diameter	cm	300	400	500
Effective coverage area (destratification)	m2	600	800	1000
Maximum air movement**	m3/h	70.000	90.000	98.000
Voltage	V	230	230	230
Power consumption at normal operation (60%)	W	59	51	35
Maximum continuous power	W	175	175	175
Efficiency at maximum continuous power	%	90%	90%	90%
Total system hanging weight	kg	36	40	44
Number of air blades	pcs	5	5	5
Air blade material	anodized REDUXA Low Carbon aluminium			
IP Rating	IP54			
Coating	PCB conformal coated and main steel C4 powder coated			
Minimum air blade clearance to ceiling	cm	50	50	50
Recommended distance between fans	m	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		✓	✓	✓
Wired control options via Cat6		FMS, HMI, BMS		
Stabilizing wire kit		optional extra accessory		
Color options		white, custom		

\* Passed 'Ball Safety Test' according to DIN 18032-3

\*\* Performance testet according to the AMCA 230 -15 Standard

