

PRODUCT OVERVIEW

TECHNICAL SPECIFICATIONS

PRODUCT FAMILY	NORTHERN AIR®														NORTHERN LIGHT®								
	MINI		COMFORT		PRO				AGGRESSIVE ENVIRONMENT**			AMPLIFY				PRO				PRO MAX***			
Diameter (m)	1,5	2,0*	3,0*	2,0*	3,0	4,0	5,0	3,0	4,0	5,0	6,1	7,3	6,1	7,3	2,0*	3,0	4,0	5,0	2,0*	3,0	4,0	5,0	
Application	Commercial	Commercial		Commercial	Commercial/Industrial			Industrial			Industrial				Commercial		Commercial/Industrial		Commercial		Commercial/Industrial		
No. of air blades	3	7		5				5			3		6		5				5				
Forward & reverse mode	✓	✓		✓				✓			✓				✓				✓				
Color options	White / Black	Std. Alu		Std. Alu / White / Special				White			Std. Alu				Std. Alu / White / Special				Std. Alu / White / Special				
Northern Sky® compatibility	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Control options****	RF	RF / MB / SKY		MB / SKY / HMI				MB / SKY / HMI			MB / SKY / HMI				MB / SKY / HMI				MB / SKY / HMI				
Motor (W)	50	100		175				175			750		1100		175				175				
Maximum air-movement (m³/h)	12.000	23.500	31.500	23.000	55.000	70.000	75.000	55.000	70.000	75.000	245.000	300.725	333.000	413.000	23.000	55.000	70.000	75.000	23.000	55.000	70.000	75.000	
Air-movement at normal operation 40% (m³/h)	4.731	8.826	13.661	17.602	25.145	27.014	28.713	25.145	27.014	28.713	90.217	107.377	128.784	154.949	17.602	25.145	7.014	28.713	17.602	25.145	27.014	28.713	
Power consumption at normal operation 40% (W)	5	9	9	37	31	22	20	31	22	20	70	63	107	99	37	31	22	20	37	31	22	20	
Effectiveness at normal operation 40% (m³/W)	946	981	1.518	476	811	1.228	1.436	811	1.228	1.436	1.289	1.704	1.204	1.565	476	811	1.228	1.436	476	811	1.228	1.436	
Noise level at normal operation (dB)	40	42	42	40	35	45	42	35	45	42	45	42	42	45	40	35	45	42	40	35	45	42	
CFEI at 40%	-	-	-	-	4,12	4,77	4,89	4,12	4,77	4,89	2,64	2,88	2,72	2,82	-	4,12	4,77	4,89	-	4,12	4,77	4,89	
CFEI at 100%	-	-	-	-	1,19	1,28	1,01	1,19	1,28	1,01	1,19	1,27	1,44	1,14	-	1,19	1,28	1,01	-	1,19	1,28	1,01	
DIN 18032-3 certified (ball-play test)	-	-	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	
Voltage (V)	230	230		230				230			230				230				230				
Air blade material	ABS plastic	Aluminum		Reduxa Low Carbon Aluminum				Reduxa Low Carbon Aluminum			Aluminum				Reduxa Low Carbon Aluminum				Reduxa Low Carbon Aluminum				
Onboard UVC light (W)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50				300				
Integrated fire-relay connectivity	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Max. disinfected air generation (m³/h)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.700				18.500				
Min. air blade clearance to ceiling (cm)	30	50		50				50			100				50				50				
Max. recommended installation height (m)	5	6	6	8	10	14	14	14	14	14	25	25	25	25	8	10	14	14	8	10	14	14	
Min. recommended distance between fans (m)	6	6	8	8	10	12	16	10	12	16	18	22	18	22	8	10	12	16	8	10	12	16	
Max. coverage area, destratification (m²)	80	120	200	250	600	800	1.000	600	800	1.000	1.600	2.000	2.000	2.200	250	600	800	1.000	250	600	800	1.000	
Hanging weight (kg)	6	16	20	30	36	42	48	36	42	48	67	73	92	100	31	37	43	49	33	39	45	51	

* Indicates that data is based on calculated estimates. All other data is tested and validated in accordance with the Air Movement and Control Association (AMCA) standard 230-15. Ceiling Fan Energy Index (CFEI) based on AMCA standard 208 & 10 CFR 430.

** Aggressive Environment is tested by FORCE Technology and has an IP54 Rating. *** Disinfection system tested by the Danish Technological Institute. **** RF: Remote Control, MB: MODBUS RTU (RS-485), SKY: Northern Sky® online management platform.

