



# NVSAIR

ventilation for life



## PRODUCT CATALOGUE

NCF3 - Roof Mounted  
Smoke Exhaust Fan - F300



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[www.nvsair.com](http://www.nvsair.com)



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## ► NCF3 (Roof Mounted Smoke Exhaust Fan - F300)

Roof Mounted Smoke Exhaust Fans can keep working for two hours at 300 °C and in combination with Jet Fans can be used to extract smoke from parking lots in case of fire.



### DEFINITION

### VALUE

MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 55
MOTOR EFFICIENCY CLASS	IE3
MOTOR ENCLOSURE TYPE	TEFC
MOTOR BRAND	-
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	POWDER COATING
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1



300 °C  
2H F300 FAN



EXHAUST



HORIZONTAL  
DISCHARGE



MOTOR IN THE  
AIRSTREAM

Turkey

EAC TSEK

TSE

CE

MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (kW)	REVOLUTION (rpm)	FLOW RATE (m³/h)	NOISE LEVEL (dB(A))
NCF3 450-5-25	380	50	0,55	1.456	2.200	69
NCF3500-5-25	380	50	0,55	1.453	3.950	72
NCF3560-5-25	380	50	0,75	1.466	6.100	75
NCF3630-5-30	380	50	1,10	1.465	11.000	80
NCF3710-5-30	380	50	1,50	1.472	17.000	83
NCF3800-5-30	380	50	2,20	1.459	22.250	85
NCF3800-5-35	380	50	3,00	1.463	26.940	89
NCF3900-5-35	380	50	4,00	1.471	34.150	90
NCF3900-5-40	380	50	5,50	1.472	40.000	93
NCF31000-5-40	380	50	7,50	1.478	49.570	94
NCF3 900-8-40	380	50	11,00	1.454	43.200	94
NCF3 1000-8-40	380	50	15,00	1.456	58.850	97
NCF31000-8-45	380	50	18,50	1.458	66.070	99
NCF31120-8-40	380	50	22,00	1.471	84.620	100
NCF31120-8-45	380	50	30,00	1.474	92.270	102

Values are for 0 Pa.

## OPTIONS



DAMPER



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## OTHER OPTIONS



**Custom Production For  
Any Flowrate and  
Pressure**



**Two Speed  
Motor Option**

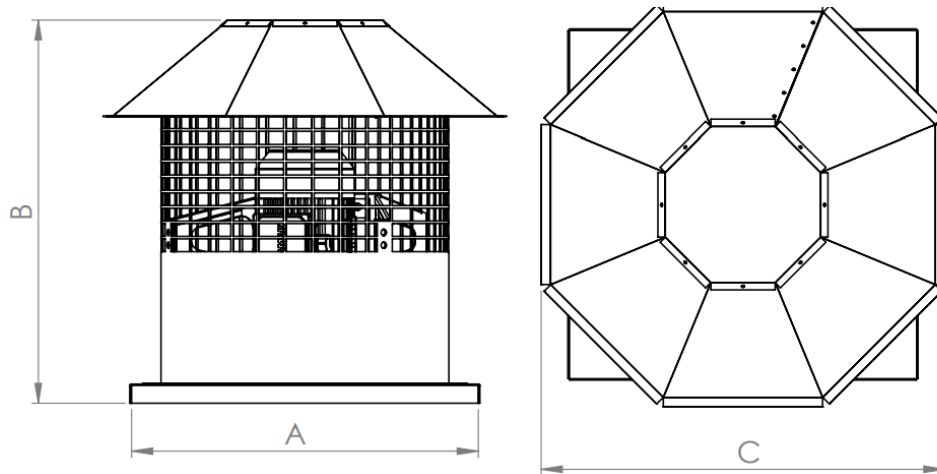


**System Automation**



**5, 8, 12 and 16 Blades  
Options**

## DRAWING

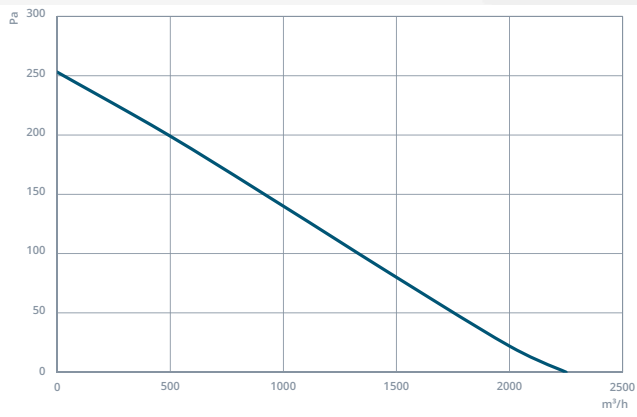


MODEL	A (mm)	B (mm)	C (mm)
NCF3 450	550	800	640
NCF3 500	600	800	700
NCF3 560	650	800	760
NCF3 630	750	850	850
NCF3 710	850	850	950
NCF3 800	950	850	1070
NCF3 900	1050	1200	1140
NCF3 1000	1150	1200	1240
NCF3 1120	1250	1550	1390

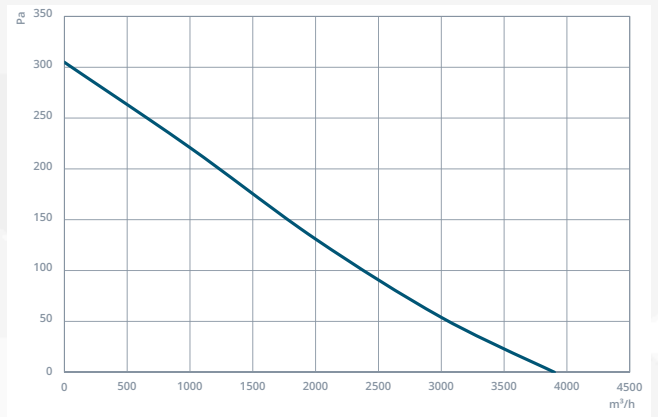


# PERFORMANCE CURVES

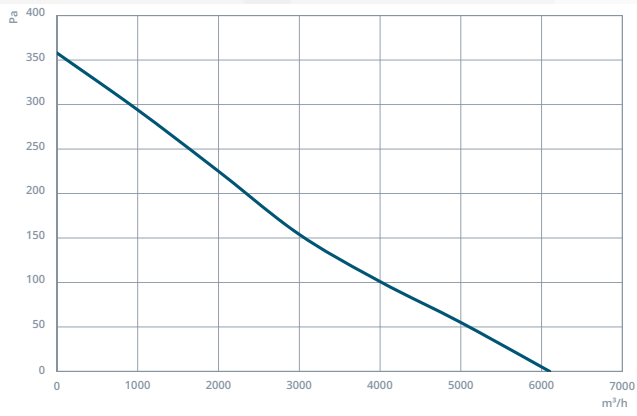
**NCF3 450-5-25**



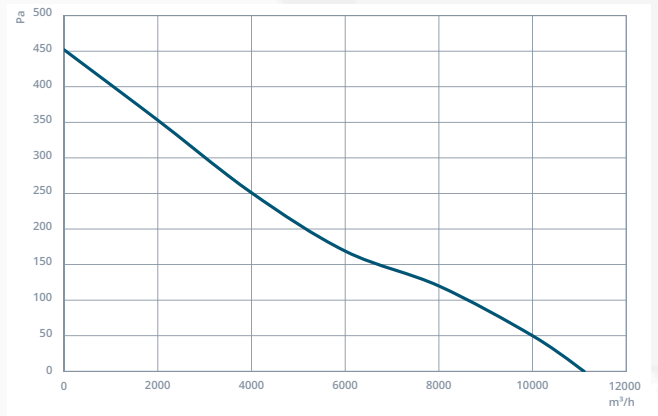
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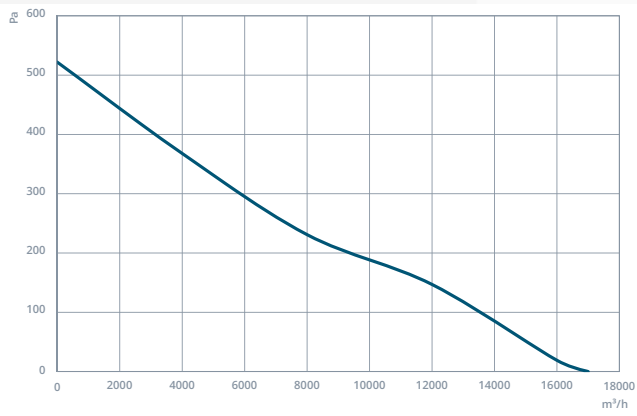
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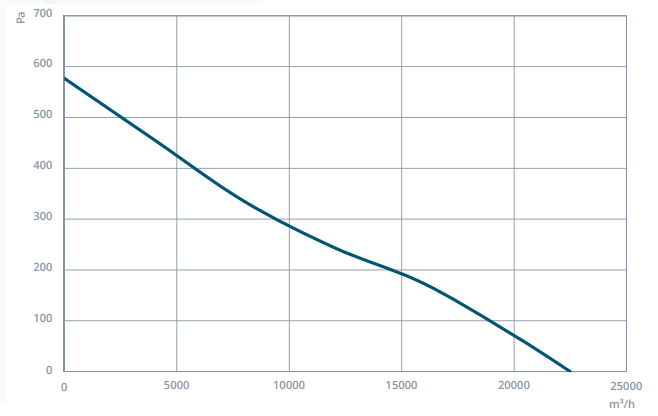
**NCF3 630-5-30**



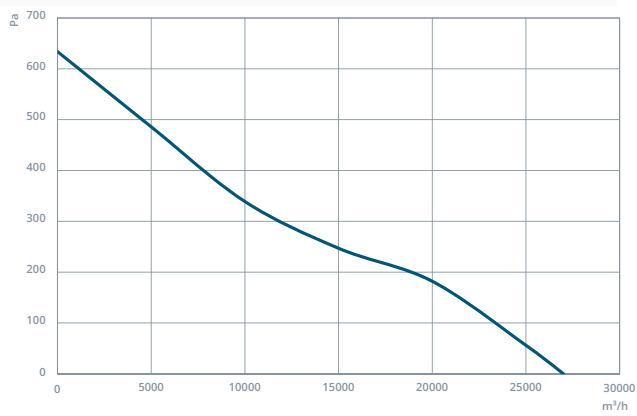
**NCF3 710-5-30**



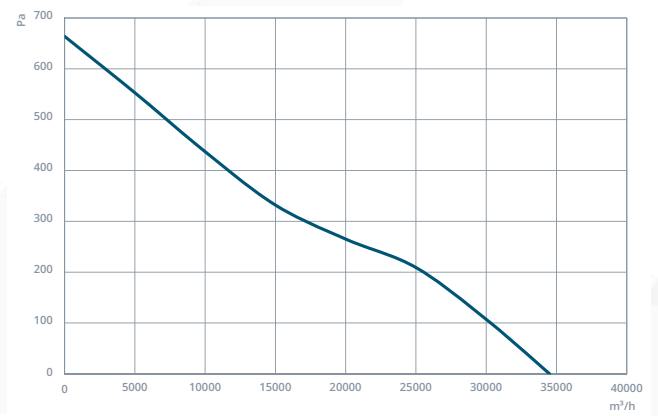
**NCF3 800-5-30**



**NCF3 800-5-35**

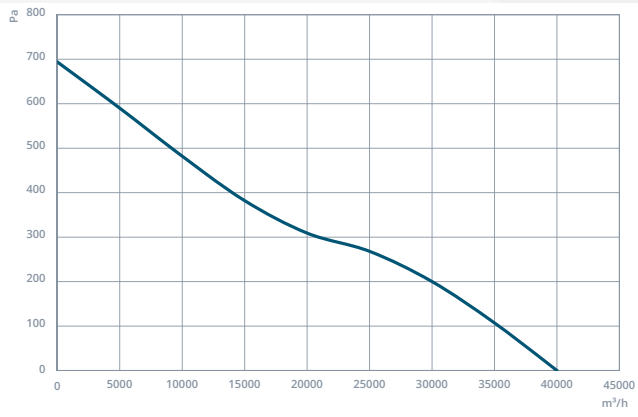


**NCF3 900-5-35**

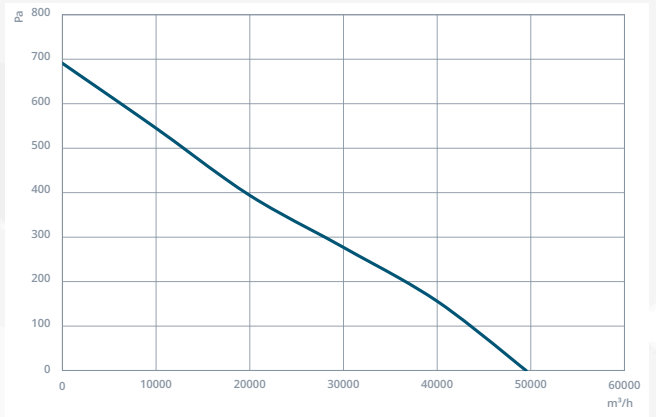


# PERFORMANCE CURVES

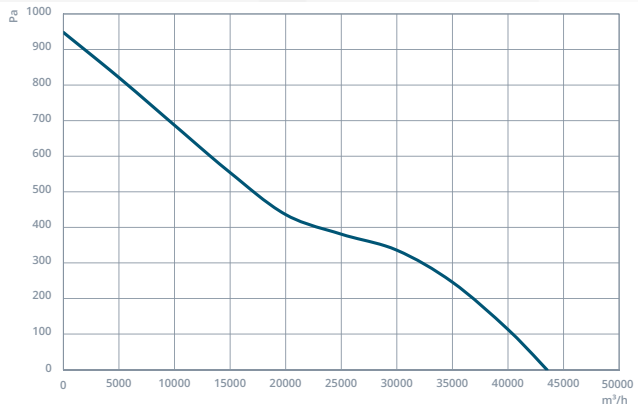
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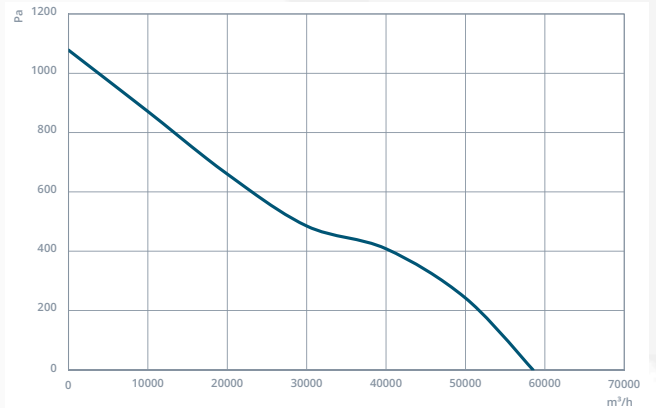
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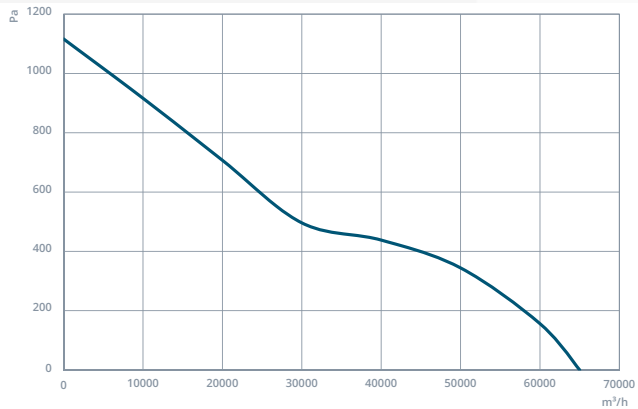
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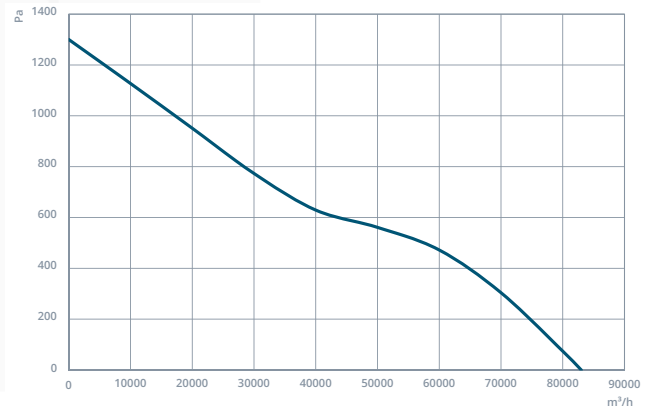
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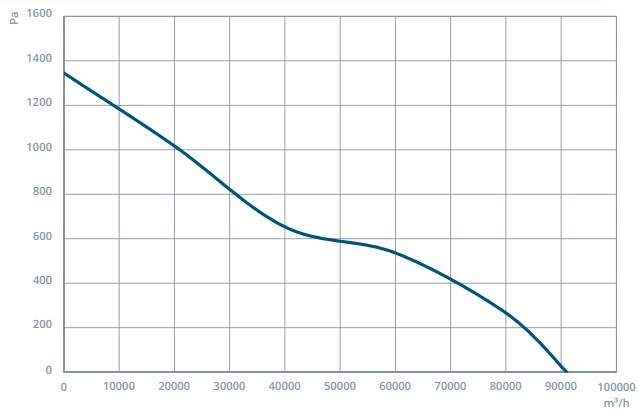
## NCF3 1000-8-45



## NCF3 1120-8-40



## NCF3 1120-8-45





## **CONTACT**

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