



NG40-E

Fan with brushless motor
for gas appliances
using premix burner



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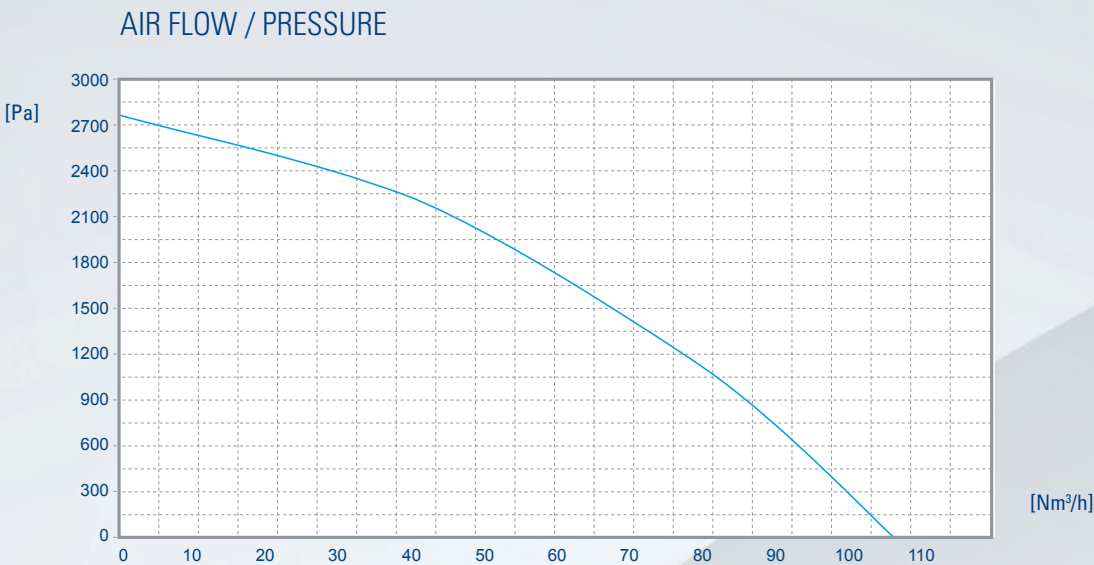
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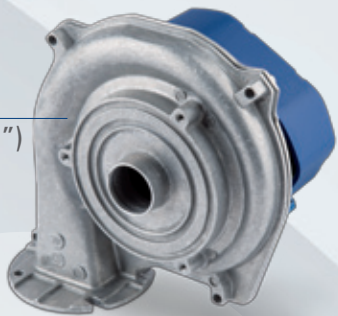
- For appliances up to 40kW
- Wide modulation range up to 10:1
- High performance Pressure vs Flow
- Various sizes of venturi are available to fit the appliance maximum power
- Different venturi orientations are possible
- Compact design
- Available interface for 898 Sigma (combination of 848 Sigma and Mixer)

Main Technical data



Motor Type	Brushless Motor
Voltage	230 Vac
Frequency	50Hz
Nominal power consumption	65 W
Electronic Motor Driver	Integrated or remote
Maximum air flow	95 m³/h
Maximum pressure	2750 Pa
Impeller speed range	9000 to 900 RPM
Motor wire insulation class	H
Protection class	I
Installation position	Any
Ambient temperature range	-10 ÷ +70°C
Impeller material	Antistatic plastic

NG40-E M21
(divergent venturi "21")



NG40-E M28
(divergent venturi "28")



Various sizes of venturi are available (identified by different colors) to fit the maximum appliance power

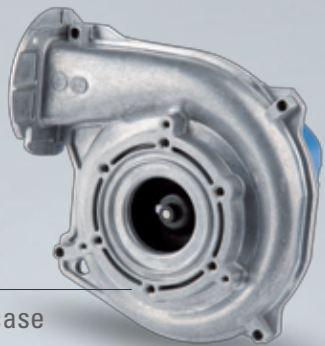
Appliance reference power [kW]	Mixer color	Convergent diameter [mm]	Fan model
24	Yellow	18	NG40-E M21
24	Orange	19	
28	Grey	20	
28	Blue	21	
30	Blue	21*	

Appliance reference power [kW]	Mixer color	Convergent diameter [mm]	Fan model
35	Black	23	NG40-E M28
38	Black	23*	
42	Brown	28,55	
45	Green	29,5*	

* Mixer without air turbulator (cross)

NG40-E

Standard scroll case version to be installed with other mixers



NG40-E for 898 SIGMA

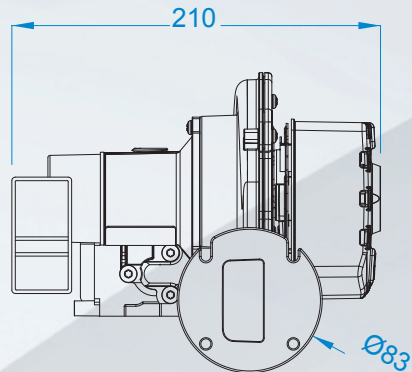
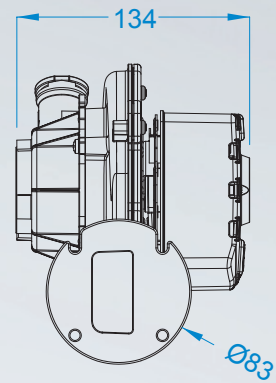
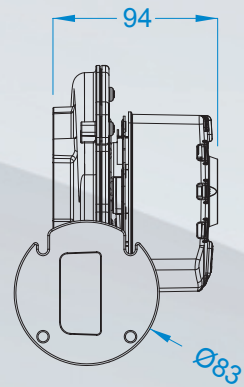
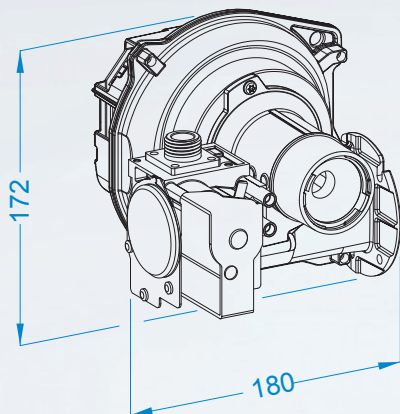
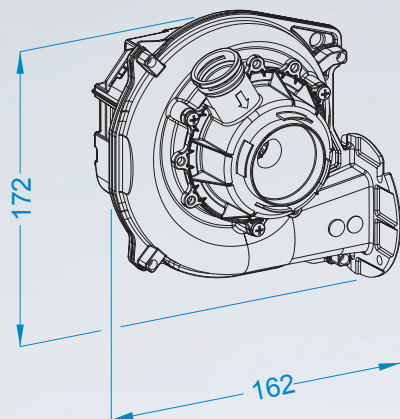
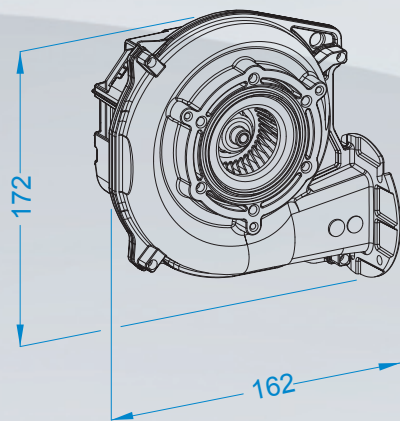
Available interface for 898 Sigma (combination of 848 Sigma and Mixer)



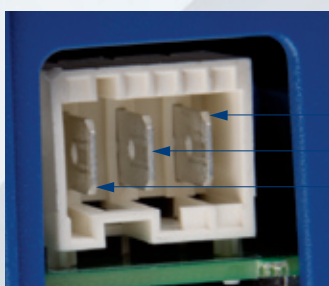
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Dimensions in mm

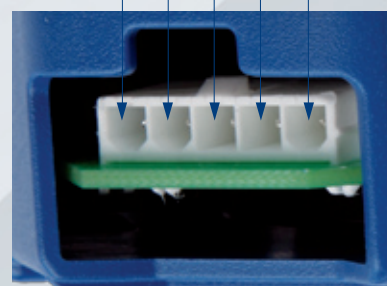


Connector



Fan power supply connector
LUMBERG 3642-03

PWM Input
Power supply (-)
Power supply (+)
Hall Sensor OUT



Fan driving interface connector
MOLEX Mini-Fit