

Technical data		
Package model : SF 2_12		
Gas	100%air	
Inlet conditions :		
Altitude	0	m
Temperature	55	°C
Relative Humidity	95	%
Pressure (atmospheric)	1 013	mbar(a)
Density	1,02	kg/m3
Differential pressure	600	mbar
Required flow at suction condition	1 662	m3/h
Offer values:		
Flow at inlet conditions indicated above	1 662	m3/h
Flow at Normal condition	1 179	Nm3/h
Blower speed	2 708	rpm
Blower shaft power	35,7	kW
Discharge temperature	122	°C
Dissipated heat	9,7	kW
Sound pressure level without acoustic enclosure, per blower	94	dBA +/-2
Sound pressure level with acoustic enclosure, per blower	81	dBA +/-2
Package Data:		
Discharge nominal diameter	150	
Motor nominal speed	3 000	rpm
Motor nominal power	45	kW

Notes:

- a) Tolerance on flow and power: +/- 5%. Tolerance on noise level: +/- 2 dB(A). Noise levels indicated are a level in hemispheric free field condition at 1 meter. It excludes the ambient noise and the radiation noise from the outlet pipe.
b) Absorbed power figure at blower shaft includes silencer and non return valve losses
c) For Star Delta starting, unloading valve may be required for fixed head application