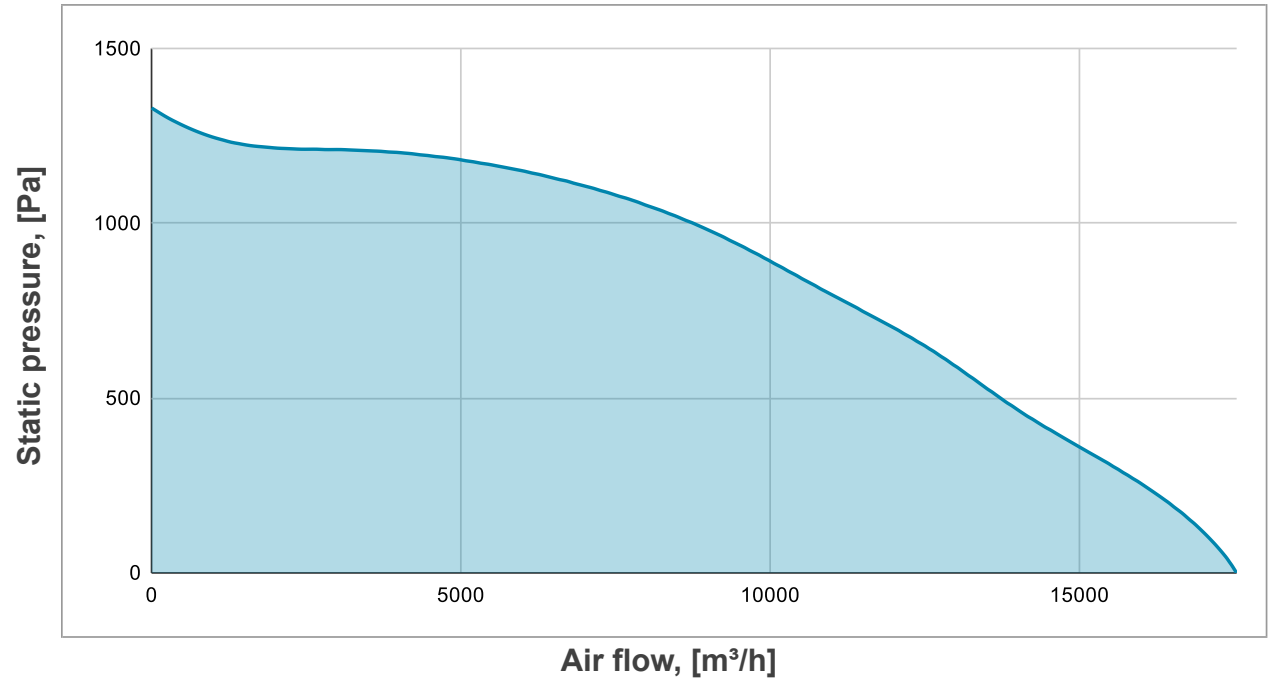


# DATASHEET

## BOX-C 630 D4 T40



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- Motor outside of air stream
- Galvanized sheet steel double wall casing
- Speed controllable
- Bottom pan with drain
- 30 mm insulation
- Frequency converter with 400V 3~ input and 400V 3~ output

Technical specifications	Unit	Value
Nominal frequency	Hz	50
Nominal voltage	V	400
Phase	~	3~
Max el. power consumption	W	4325
Max current	A	8.4
Sound power, LWA2	dB(A)	79
Max. static efficiency	%	55
Max. total efficiency	%	56
Motor control	Tip	f

Max. efficiency duty point	Unit	Value
Air flow	m³/h	9171
Static pressure	Pa	967
Total pressure	Pa	976
Voltage	V	400
Frequency	Hz	50
Current	A	8.2
El. power consumption	W	4219
Speed	rpm	1444
SFP	W/(m³/s)	1656
Static efficiency	%	56
Total efficiency	%	56
Control voltage	V	-

Sound power (LW)		Medium Frequency Band								
SWL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	LWA5	87	58	78	81	82	84	81	75	67
Outlet	LWA6	91	61	81	82	87	87	84	79	70
Case	LWA2	79	57	76	71	71	71	70	62	55

Sound pressure (Lp) at 1m		Medium Frequency Band								
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	77	47	67	70	71	73	70	64	56
Outlet	Lp6	81	50	70	71	76	76	73	68	59
Case	Lp2	67	46	65	60	60	60	59	51	44

Sound pressure (Lp) at 3m		Medium Frequency Band								
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	67	37	58	61	61	63	60	55	47
Outlet	Lp6	72	41	60	62	67	66	64	58	49
Case	Lp2	58	36	55	50	50	50	49	41	34

Wiring diagram

