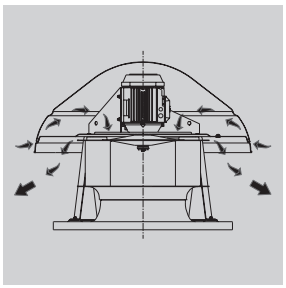
Range of centrifugal roof mounted fans in horizontal discharge format, designed for smoke extraction in fire conditions and certified F400-120 (CE marked) (1).
All models are suitable for air stream temperature up to 120ºC.
Bases are manufactured from galvanised sheet steel and cowls are manufactured from spun aluminium.
All models incorporate bird-proof guard.
Available, depending upon the model, with single or three phase motors in 4, 6, 8, 4/8 or 6/12 poles.
(1) Except 140, 180 and 200 models.

Motors
All motors are IP55, Class F and equipped with ball bearings greased for life.
Electrical supply:
Single phase 230V-50Hz.
Three phase 400V-50Hz.
(See characteristics chart).
Speed controllable by voltage, up to 400 model. Three phase motors are controllable by frequency inverter. When is using a speed controller, the electrical installation must be equipped with a security system which allows the maximum speed of the fans in case of fire.

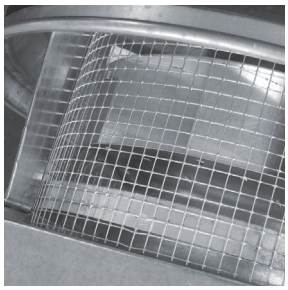
Additional information
140, 180, 200 and 225 models are specially recommended for extracting smoke from the fireplaces.

Only F400-120 at maximum fan speed.

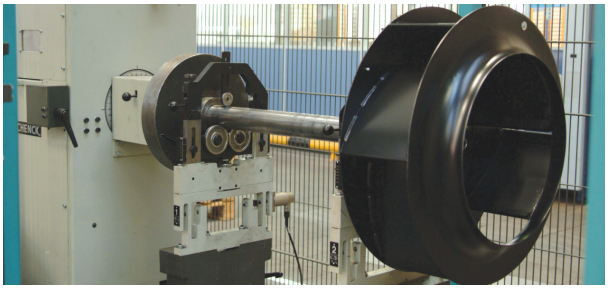
Easy to install
Supports easing the installation on the roof.



Self cooling system
Special design in order to cool the motor and to extend the life of the assembly.



Bird-proof guard.



Backward curved centrifugal impellers
To prevent accumulation of dirt. Models up to 400 are manufactured from galvanised steel sheet. Models from 450 to 630 are manufactured in sheet steel protected against corrosion by cataforesis primer and black polyester paint finish.

Specific applications

F400-120
Approved to EN12101-3 standard Certificate nº 0370-CPD-0347

120ºC
Continuous operation

Car parks

Industrial and commercial kitchens

Additional applications for 140,180,200 and 225 models

200ºC
Continuous

Smoke extract

Models configuration 140 to 400

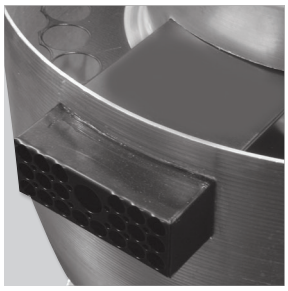
Models configuration 450 to 710

Range of centrifugal roof mounted fans in vertical discharge format, designed for smoke extraction in fire conditions and certified F400-120 (CE marked) (1).
All models are suitable for air stream temperature up to 120ºC.
Bases are manufactured from galvanised sheet steel and cowls are manufactured from spun aluminium.
All models incorporate bird-proof guard.
Available, depending upon the model, with single or three phase motors in 4, 6, 8, 4/8 or 6/12 poles.
(1) Except 140, 180 and 200 models.

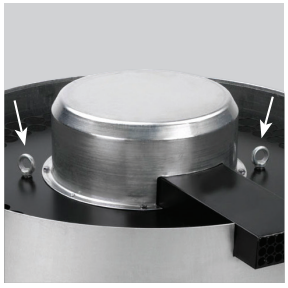
Motors
All motors are IP55, Class F and equipped with ball bearings greased for life.
Electrical supply:
Single phase 230V-50Hz.
Three phase 400V-50Hz.
(See characteristics chart).
Speed controllable by voltage, up to 400 model. Three phase motors are controllable by frequency inverter.
When is using a speed controller, the electrical installation must be equipped with asecurity system which allows the maximum speed of the fans in case of fire.

Additional information
140, 180, 200 and 225 models are specially recommended for extracting smoke from the fireplaces.

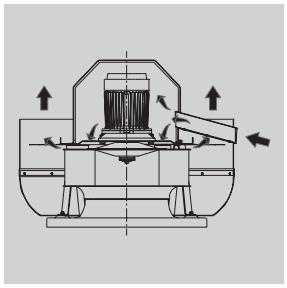
Only F400-120 at maximum fan speed.



Cooling duct
Enables the motor cooling when the fan is extracting air at an extremely high temperature.



Easy to install
Supports easing the installation on the roof.



Self cooling system
Special design in order to cool the motor and to extend the life of the assembly.

Specific applications

F400-120
Approved to EN12101-3 standard Certificate nº 0370-CPD-0347

120ºC
Continuous operation

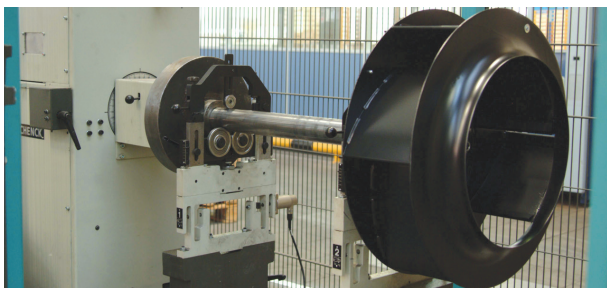
Car parks

Industrial and commercial kitchens

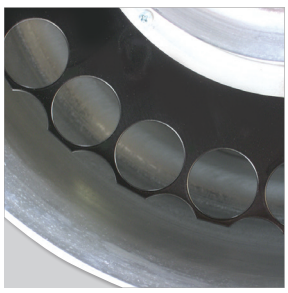
Additional applications for 140,180,200 and 225 models

200ºC
Continuous

Smoke extract



Backward curved centrifugal impellers
To prevent accumulation of dirt. Models up to 400 are manufactured from galvanised steel sheet. Models from 450 to 630 are manufactured in sheet steel protected against corrosion by cataforesis primer and black polyester paint finish.



Bird-proof guard.

TECHNICAL CHARACTERISTICS FOR MODELS WITH HORIZONTAL DISCHARGE CTHB/ CTHT

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model		Speed (rpm)	Maximum absorbed power (W)	Maximum absorbed current (A)		Maximum airflow (m³/h)	Sound pressure level* at 2/3 Qmax (dB(A))		Weight (kg)	Speed controllable (**)	Switch for 2-speed motors
				at 230 V	at 400 V		Inlet	Outlet			
4 poles single phase	CTHB/4-140	1370	60	0,32	–	800	46	52	7,5	REB-1N	–
	CTHB/4-180	1330	70	0,33	–	990	46	52	8	REB-1N	–
	CTHB/4-200	1320	120	0,60	–	1.450	49	55	14,2	REB-1N	–
	CTHB/4-225	1350	170	0,90	–	2.100	53	59	17	REB-2,5N	–
	CTHB/4-250	1320	280	1,40	–	3.100	57	62	28	REB-2,5N	–
	CTHB/4-315	1375	590	2,70	–	4.900	60	66	32	REB-5	–
	CTHB/4-400	1380	1100	5,30	–	7.000	67	73	42,5	REB-10	–
6 poles single phase	CTHB/6-200	940	80	0,40	–	970	38	45	14,2	REB-1N	–
	CTHB/6-225	890	90	0,40	–	1.400	42	48	17	REB-1N	–
	CTHB/6-250	940	100	0,57	–	2.000	45	52	28	REB-1N	–
	CTHB/6-315	840	170	0,81	–	3.200	49	55	32	REB-1N	–
	CTHB/6-400	950	350	1,60	–	4.500	56	62	42,5	REB-2,5N	–
4 poles three phase	CTHT/4-140	1375	60	–	0,17	800	46	52	7,5	RMT-1,5	–
	CTHT/4-180	1350	70	–	0,17	990	46	52	8	RMT-1,5	–
	CTHT/4-200	1340	130	–	0,35	1.450	49	55	14,2	RMT-1,5	–
	CTHT/4-225	1360	170	–	0,50	2.100	53	59	17	RMT-1,5	–
	CTHT/4-250	1400	300	–	0,80	3.100	57	62	28	RMT-1,5	–
	CTHT/4-315	1410	620	–	1,50	4.900	60	66	32	RMT-2,5	–
	CTHT/4-400	1350	920	–	1,80	7.000	67	73	42,5	RMT-2,5	–
	CTHT/4-450	1440	2300	–	4,60	10.200	71	76	67	VFKB-48	–
6 poles three phase	CTHT/6-200	950	80	–	0,24	970	38	45	14,2	RMT-1,5	–
	CTHT/6-225	900	90	–	0,23	1.400	42	48	17	RMT-1,5	–
	CTHT/6-250	950	100	–	0,41	2.000	45	52	28	RMT-1,5	–
	CTHT/6-315	900	180	–	0,50	3.200	49	55	32	RMT-1,5	–
	CTHT/6-400	925	350	–	1,00	4.500	56	62	42,5	RMT-1,5	–
	CTHT/6-450	940	850	–	3,50	6.900	59	66	67	VFKB-45	–
	CTHT/6-500	965	1400	–	4,30	10.500	63	69	104	VFKB-45	–
	CTHT/6-560	950	2400	–	5,30	16.000	66	73	118	VFKB-48	–
	CTHT/6-630	950	3900	–	8,30	21.000	70	76	156	VFTM-TRI 4	–
	CTHT/6-630H	970	5500	-	12,60	31.090	75	81	210	VFTM-TRI5,5	-
	CTHT/6-710	980	6800	–	13,80	28.900	77	83	217	VFTM-TRI 7,5	–
	CTHT/6-710H	970	7500	-	15,80	38.120	77	83	228	VFTM-TRI 7,5	-
8 poles three phase	CTHT/8-450	700	700	–	2,10	5.000	55	61	67	VFKB-45	–
	CTHT/8-500	725	770	–	2,40	7.500	55	62	104	VFKB-45	–
	CTHT/8-560	730	1100	–	3,60	11.500	58	65	118	VFKB-45	–
	CTHT/8-630	735	1650	–	4,90	15.000	62	69	156	VFKB-48	–
	CTHT/8-710	730	2900	–	7,20	21.700	70	76	226	VFKB-48	–
	CTHT/4/8-225	1300/700	180/70	–	0,3/0,2	2.100/1.050	53/38	59/44	17	–	–
	CTHT/4/8-315	1400/700	370/230	–	1,1/0,9	4.900/2.400	60/45	66/51	33	–	DEMA 1/1,3 DH
	CTHT/4/8-400	1400/700	1000/260	–	1,8/1,0	7.000/3.500	67/52	73/58	44	–	DEMA 1/2,3 DH
	CTHT/4/8-450	1400/700	2400/600	–	6,1/2,5	10.200/5.100	71/55	76/61	69	–	DEMA 3,1/7,6 DH
2 speeds three phase	CTHT/6/12-450	960/490	500/190	–	2/1	6.900/3.400	59/44	66/51	72	–	DEMA 1/2,3 DH
	CTHT/6/12-500	980/490	1520/430	–	4,5/2,2	10.500/5.300	63/48	69/54	109	–	DEMA 2,3/5,7 DH
	CTHT/6/12-560	950/480	2400/640	–	5,6/2,2	16.000/7.000	66/51	73/58	124	–	DEMA 2,3/5,7 DH
	CTHT/6/12-630	960/480	4100/730	–	8,1/2,6	21.000/10.500	70/55	76/61	161	–	DEMA 3,1/10 DH
	CTHT/6/12-710	950/450	6700/850	–	14,1/5,4	28.900/15.000	77/62	83/68	226	–	DEMA 5,7/15,5 DH

* The ratings of sound levels are pressure values measured in dB(A) at 1,5 m at 2/3 Qmax.
** Three phase speed controllers (RMT) or inverter controller (VFKB/VFTM): Three phase 400V.

TECHNICAL CHARACTERISTICS FOR MODELS WITH VERTICAL DISCHARGE CTVB/ CTVT

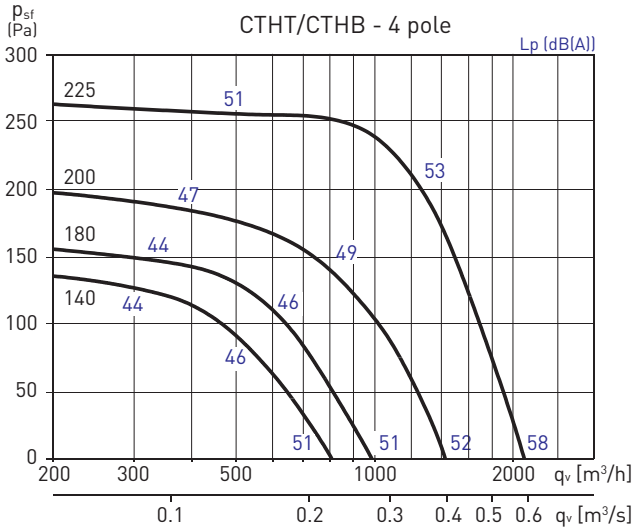
Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

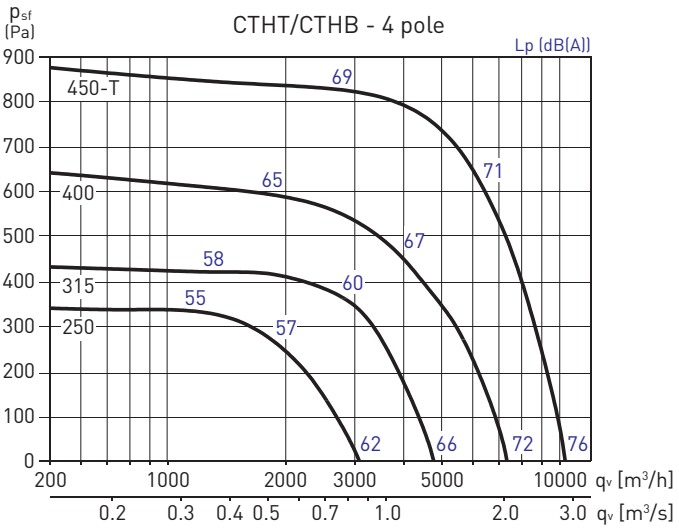
Model		Speed (rpm)	Maximum absorbed power (W)	Maximum absorbed current (A)		Maximum airflow (m³/h)	Sound pressure level* at 2/3 Qmax (dB(A))		Weight (kg)	Speed controllable (**)	Switch for 2-speed motors
				at 230 V	at 400 V		Inlet	Outlet			
4 poles single phase	CTVB/4-140	1375	60	0,3	–	725	46	49	10	REB-1N	–
	CTVB/4-180	1330	60	0,3	–	830	46	49	10,5	REB-1N	–
	CTVB/4-200	1330	100	0,60	–	1.320	49	53	17	REB-1N	–
	CTVB/4-225	1350	130	0,71	–	1.900	53	56	19,8	REB-1N	–
	CTVB/4-250	1325	325	1,6	–	2.800	56	60	35	REB-2,5N	–
	CTVB/4-315	1390	570	2,70	–	4.200	60	64	39	REB-5	–
	CTVB/4-400	1390	1100	5,30	–	6.250	67	70	50	REB-10	–
6 poles single phase	CTVB/6-200	940	80	0,40	–	900	38	42	17	REB-1N	–
	CTVB/6-225	890	90	0,40	–	1.300	41	45	19,8	REB-1N	–
	CTVB/6-250	940	100	0,57	–	1.850	45	49	35	REB-1N	–
	CTVB/6-315	870	160	0,80	–	2.800	48	53	39	REB-1N	–
	CTVB/6-400	960	340	1,60	–	4.300	55	59	50	REB-2,5N	–
4 poles three phase	CTVT/4-140	1400	60	–	0,18	725	46	49	10	RMT-1,5	–
	CTVT/4-180	1350	60	–	0,18	830	46	49	10,5	RMT-1,5	–
	CTVT/4-200	1340	130	–	0,44	1.200	49	53	17	RMT-1,5	–
	CTVT/4-225	1360	180	–	0,47	1.900	53	56	19,8	RMT-1,5	–
	CTVT/4-250	1400	300	–	0,8	2.800	56	60	35	RMT-1,5	–
	CTVT/4-315	1410	650	–	1,7	4.200	60	64	39	RMT-2,5	–
	CTVT/4-400	1330	1000	–	1,80	6.250	67	70	50	RMT-2,5	–
	CTVT/4-450	1440	2100	–	4,3	8.850	70	74	75	VFKB-45	–
6 poles three phase	CTVT/6-200	950	80	–	0,24	900	38	42	17	RMT-1,5	–
	CTVT/6-225	900	90	–	0,23	1.300	41	45	19,8	RMT-1,5	–
	CTVT/6-250	950	100	–	0,41	1.850	45	49	35	RMT-1,5	–
	CTVT/6-315	910	160	–	0,44	2.800	48	53	39	RMT-1,5	–
	CTVT/6-400	930	350	–	1,00	4.300	55	59	50	RMT-1,5	–
	CTVT/6-450	950	800	–	3,5	5.900	59	63	75	VFKB-45	–
	CTVT/6-500	975	1500	–	3,7	9.500	62	66	115	VFKB-45	–
	CTVT/6-560	950	2400	–	5,2	13.000	66	70	129	VFKB-48	–
	CTVT/6-630	950	3900	–	8,3	19.500	70	74	168	VFTM-TRI 4	–
	CTVT/6-630H	970	5500	-	12,70	24.540	74	80	215	VFTM-TRI 5,5	
	CTVT/6-710	980	7250	–	13,6	25.200	77	82	229	VFTM-TRI 7,5	–
	CTVT/6-710H	980	7500	-	16,20	32.820	77	82	240	VFTM-TRI 7,5	-
8 poles three phase	CTVT/8-450	690	700	–	1,5	4.400	55	59	75	VFKB-45	–
	CTVT/8-500	700	770	–	2,4	7.100	54	58	115	VFKB-45	–
	CTVT/8-560	730	1100	–	3,3	10.000	58	62	129	VFKB-45	–
	CTVT/8-630	735	1650	–	4,90	14.500	61	66	168	VFKB-45	–
	CTVT/8-710	730	3160	–	7,10	19.100	71	76	238	VFKB-48	–
	CTVT/4/8-225	1300/700	180/70	–	0,3/0,2	2.100/1.050	53/38	59/44	17	–	–
	CTVT/4/8-315	1400/700	370/230	–	1,1/0,9	4.200/2.100	60/45	64/49	40	–	DEMA 1/1,3 DH
	CTVT/4/8-400	1400/700	560/260	–	1,3/1,0	6.250/3.200	67/52	70/55	52	–	DEMA 1/2,3 DH
	CTVT/4/8-450	1400/700	2400/600	–	6,1/2,5	9.850/4.500	70/55	74/59	77	–	DEMA 3,1/7,6 DH
2 speeds three phase	CTVT/6/12-450	960/490	500/190	–	2/1	5.900/2.800	59/44	63/48	80	–	DEMA 1/2,3 DH
	CTVT/6/12-500	980/490	1520/430	–	4,5/2,2	9.500/4.800	62/47	66/51	134	–	DEMA 2,3/5,7 DH
	CTVT/6/12-560	960/480	2400/640	–	5,6/2,2	13.000/6.400	66/51	70/55	134	–	DEMA 2,3/5,7 DH
	CTVT/6/12-630	960/480	4100/730	–	8,1/2,6	19.500/9.500	70/54	74/59	173	–	DEMA 3,1/10 DH
	CTVT/6/12-710	950/450	7300/435	–	14/5,4	25.200/12.700	77/63	82/67	238	–	DEMA 5,7/15,5 DH

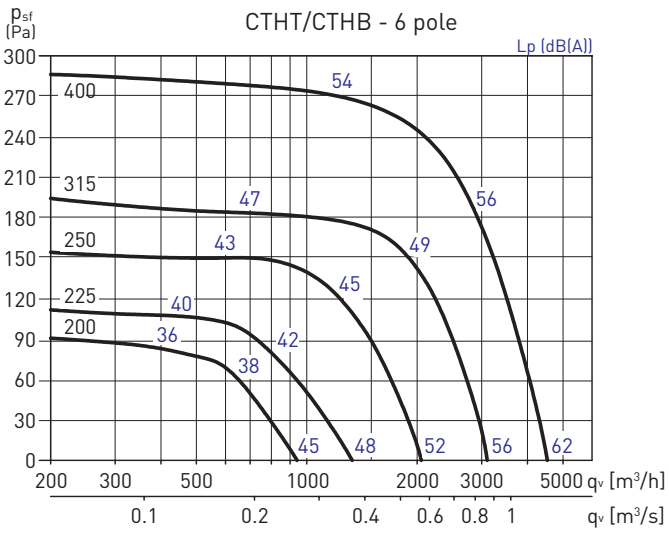
* The ratings of sound levels are pressure values measured in dB(A) at 1,5 m at 2/3 Qmax.
** Three phase speed controllers (RMT) or inverter controller (VFKB/VFTM): Three phase 400V.

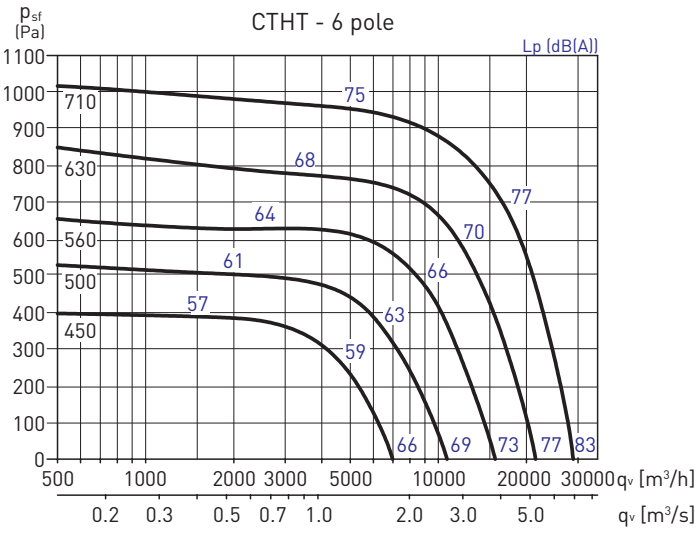
PERFORMANCE CURVES – HORIZONTAL DISCHARGE MODELS

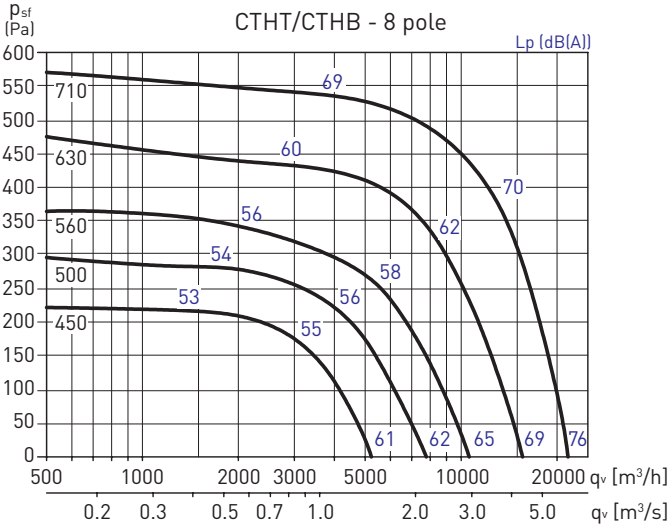
- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

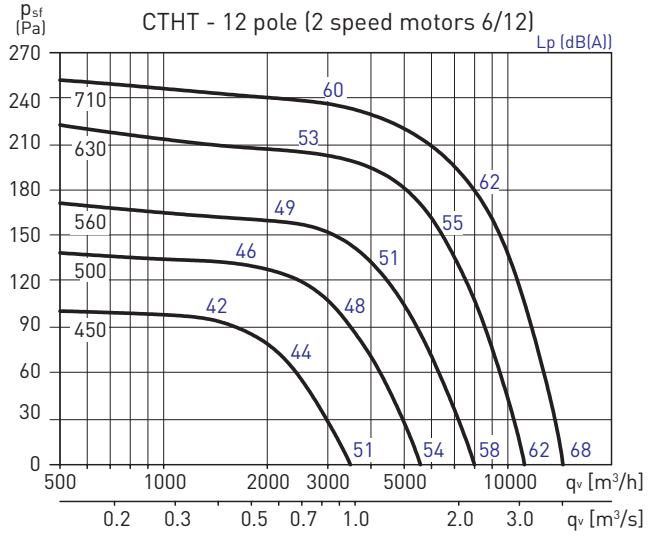








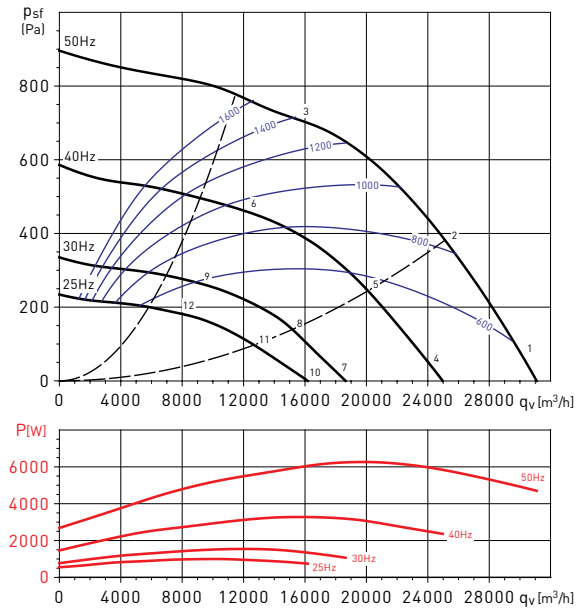




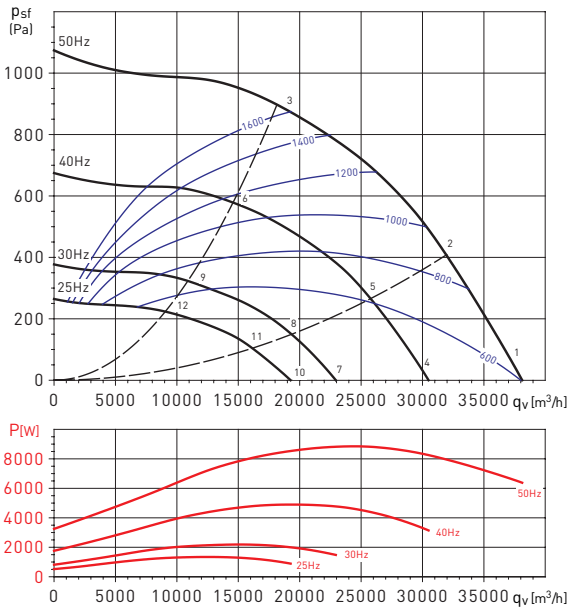
PERFORMANCE CURVES – HORIZONTAL DISCHARGE MODELS

- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.
- Measured at 1,5 meters, in free field.

CTHT/6-630H 5,5kW



CTHT/6-710H 7,5kW



Sound power level spectrums in dB(A)

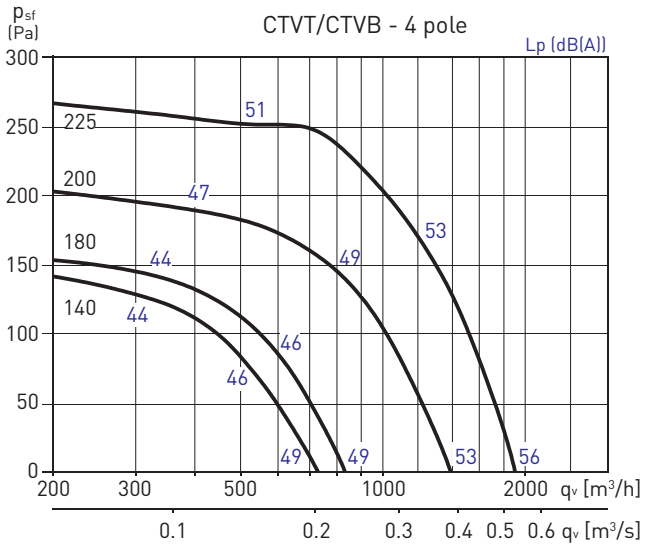
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Outlet	66	85	90	90	92	89	85	79	97
2	Outlet	63	82	87	87	89	87	81	75	94
3	Outlet	69	80	85	85	87	83	84	79	92
4	Outlet	61	80	85	85	87	84	80	74	92
5	Outlet	58	77	82	82	84	82	76	70	89
6	Outlet	64	75	80	80	82	78	79	74	88
7	Outlet	55	74	79	79	81	78	74	68	86
8	Outlet	52	71	76	76	78	76	70	64	83
9	Outlet	58	69	74	74	76	72	73	68	81
10	Outlet	51	70	75	75	77	74	70	64	82
11	Outlet	48	67	72	72	74	72	66	60	79
12	Outlet	54	65	70	70	72	68	69	64	77

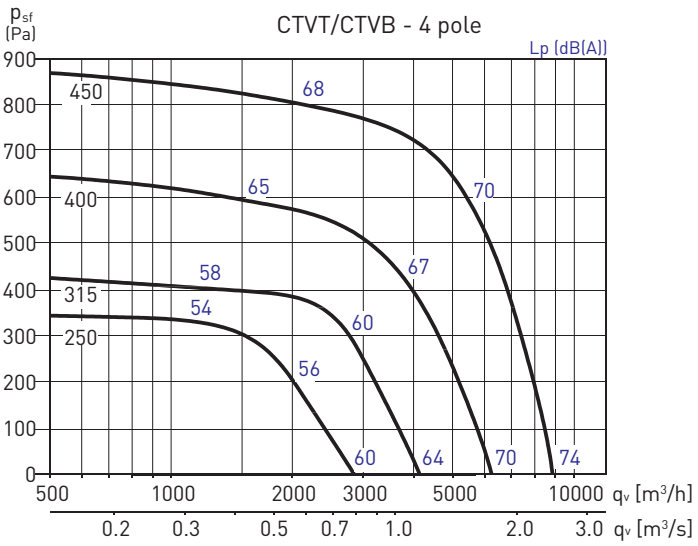
Sound power level spectrums in dB(A)

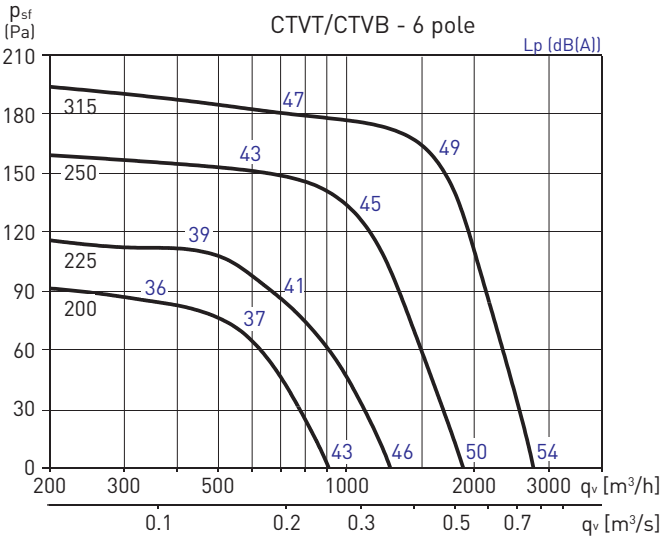
Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Outlet	82	86	92	92	95	89	87	77	99
2	Outlet	79	83	89	89	90	86	85	75	96
3	Outlet	77	81	88	88	90	83	84	72	94
4	Outlet	76	80	86	86	89	83	81	71	93
5	Outlet	74	78	84	84	85	81	80	70	90
6	Outlet	71	75	82	82	84	77	78	66	89
7	Outlet	67	71	77	77	80	74	72	62	84
8	Outlet	66	70	76	76	77	73	72	62	83
9	Outlet	64	68	75	75	77	70	71	59	82
10	Outlet	62	66	72	72	75	69	67	57	79
11	Outlet	61	65	71	71	72	68	67	57	77
12	Outlet	59	63	70	70	72	65	66	54	76

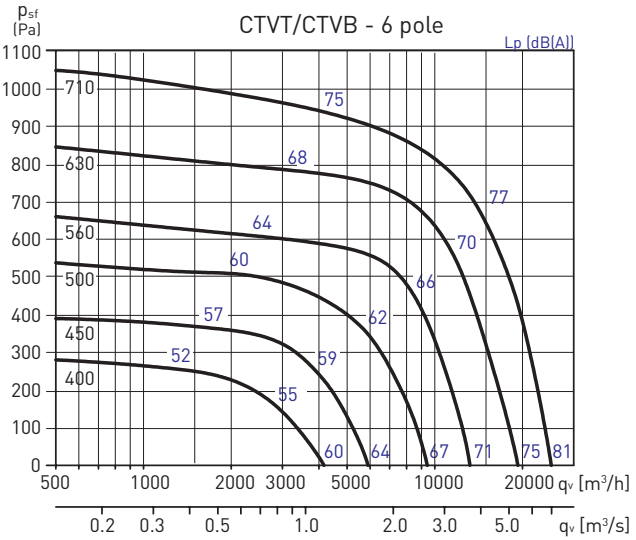
PERFORMANCE CURVES – VERTICAL DISCHARGE MODELS

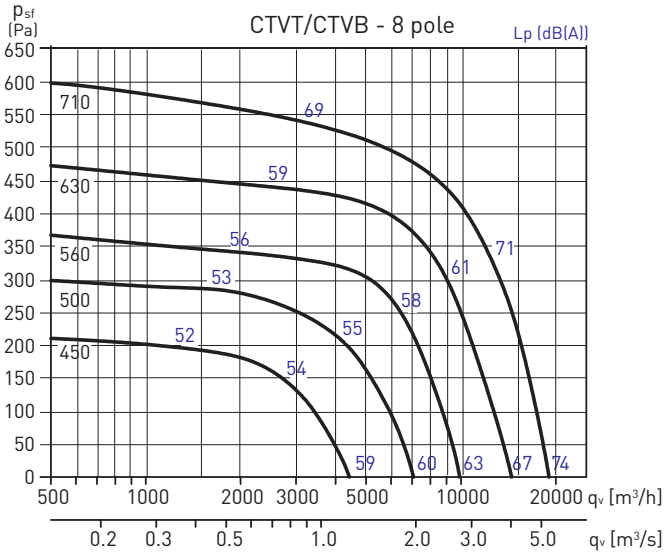
- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

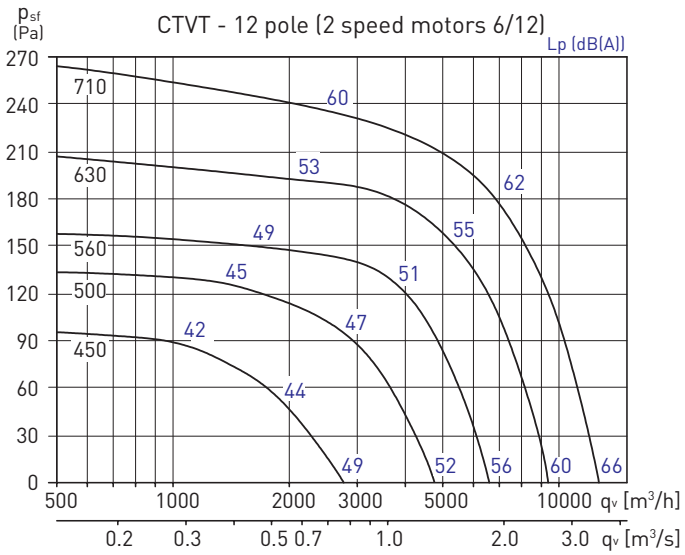








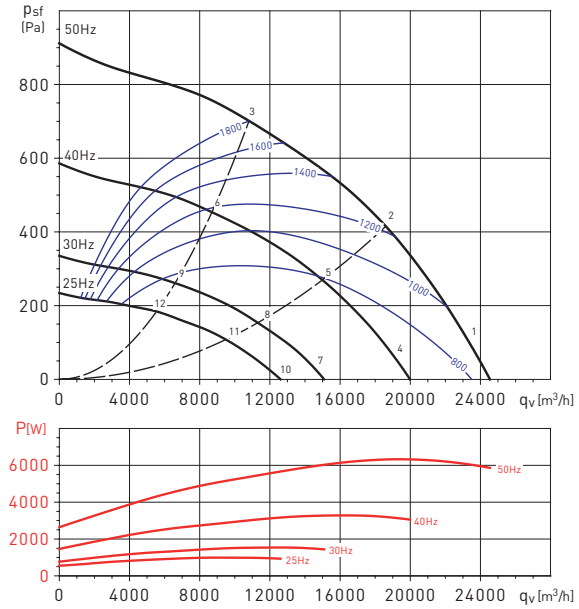




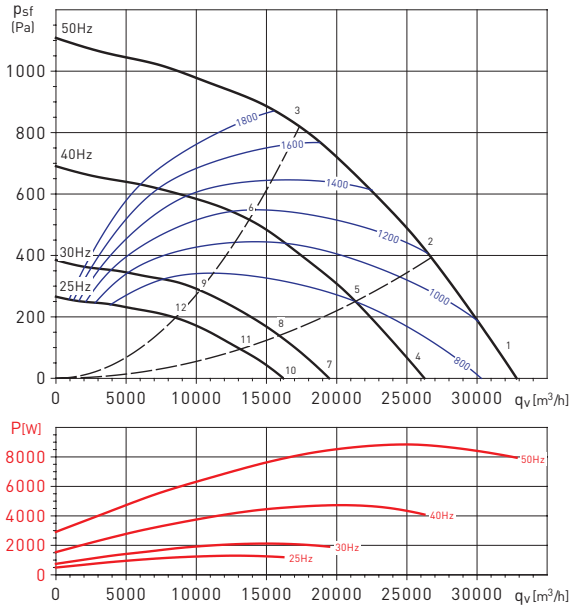
PERFORMANCE CURVES – HORIZONTAL DISCHARGE MODELS

- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.
- Measured at 1,5 meters, in free field.

CTVT/6-630H 5,5kW



CTVT/6-710H 7,5kW



Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Outlet	69	80	83	87	87	83	77	72	92
2	Outlet	67	79	82	86	86	81	75	69	91
3	Outlet	72	81	84	87	86	81	75	68	92
4	Outlet	64	75	78	82	82	78	72	67	87
5	Outlet	62	74	77	81	81	76	70	64	86
6	Outlet	67	76	79	82	81	76	70	63	87
7	Outlet	53	64	67	71	71	67	61	56	76
8	Outlet	51	63	66	70	70	65	59	53	75
9	Outlet	56	65	68	71	70	65	59	52	76
10	Outlet	38	49	52	56	56	52	46	41	61
11	Outlet	36	48	51	55	55	50	44	38	60
12	Outlet	41	50	53	56	55	50	44	37	61

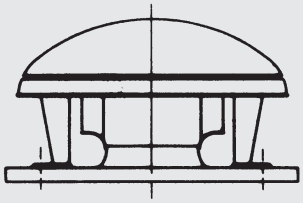
Sound power level spectrums in dB(A)

Working point		63	125	250	500	1.000	2.000	4.000	8.000	LwA
1	Outlet	72	85	91	91	89	86	81	75	96
2	Outlet	69	83	88	89	87	84	79	73	94
3	Outlet	72	84	90	90	87	83	78	73	95
4	Outlet	67	81	86	87	85	81	76	71	92
5	Outlet	64	78	83	84	82	79	74	68	89
6	Outlet	67	79	85	85	82	78	73	68	90
7	Outlet	56	70	75	76	74	70	65	60	81
8	Outlet	53	67	72	73	71	68	63	57	78
9	Outlet	56	68	74	74	71	67	62	57	79
10	Outlet	41	54	60	60	58	55	50	44	65
11	Outlet	38	52	57	58	56	53	48	42	63
12	Outlet	41	53	59	59	56	52	47	42	64

ACOUSTIC CHARACTERISTICS

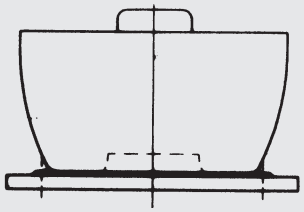
Sound power spectrum
To obtain the sound power spectrum, subtract the correction value shown in the following chart from the value in the technical characteristics table:

HORIZONTAL DISCHARGE



Model		Frequency bands in Hz						
		125	250	500	1000	2000	4000	8000
Outlet	Qmax	2,0	7,5	11,0	11,0	9,0	6,0	0,5
	2/3 Qmax	-0,5	3,5	5,5	5,5	3,5	0,5	-4,5
	1/3 Qmax	-2,5	1,5	3,5	3,5	1,5	-1,5	-6,5
Inlet	Qmax	5,5	9,0	11,5	11,0	10,0	7,5	3,5
	2/3 Qmax	2,5	5,0	6,0	4,5	1,5	-2,5	-8,6
	1/3 Qmax	0,5	3,0	4,0	2,5	-0,5	-4,5	-10,5

VERTICAL DISCHARGE

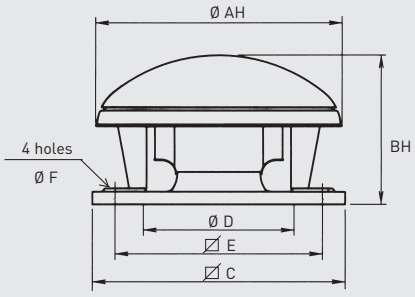


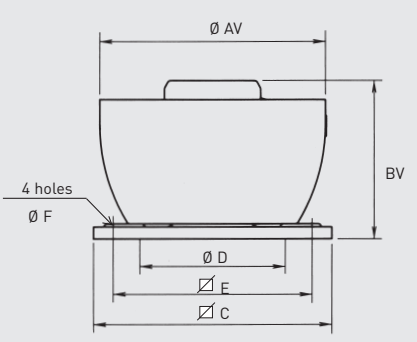
Model		Frequency bands in Hz						
		125	250	500	1000	2000	4000	8000
Outlet	Qmax	3,0	8,0	11,5	11,5	8,0	1,5	-8,0
	2/3 Qmax	0,5	4,5	6,5	5,0	1,5	-3,0	-10,0
	1/3 Qmax	-1,5	2,5	4,5	3,0	-0,5	-5,0	-12,0
Inlet	Qmax	4,5	9,0	10,5	8,5	6,5	5,5	3,0
	2/3 Qmax	3,0	5,0	6,0	4,5	1,0	-3,0	-9,5
	1/3 Qmax	1,0	3,0	4,0	2,5	-1,0	-5,0	-11,5

Sound power spectrum
The sound pressure spectrum, at a distance "d", can be obtained by subtracting from each frequency band of the power spectrum, the correction value shown in the following chart:

Distance (d)	1m	1,5m	4m	6m	10m	15m	20m	30m
Correction (dB)	11,00	14,50	23,00	26,00	31,00	34,00	37,00	40,00

DIMENSIONS (mm)

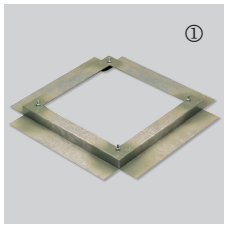




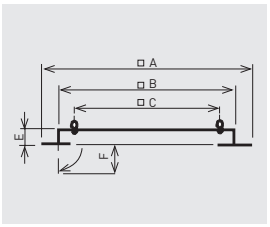
Fan model	Ø AH	Ø AV	BH	BV	oC	Ø D*	oE	Ø F
140	415	421	277	359	300	180	245	10
180	415	421	292	374	300	180	245	10
200	561	556	340	404	435	250	330	12
225	561	570	383	452	435	250	330	12
250	762	750	425	522	560	355	450	12
315	762	750	469	564	560	355	450	12
400	850	850	532	608	630	400	535	12
450	962	950	713	741	710	500	590	14
500	1214	1216	824	832	905	630	750	14
560	1214	1216	874	832	905	630	750	14
630	1336	1327	1029	1053	1100	710	840	14
630H	1336	1332	1044	1067	1100	710	840	14
710	1336	1485	1127	1161	1100	710	840	14
710H	1336	1490	1139	1162	1100	710	840	14

* Nominal accessories diameter.

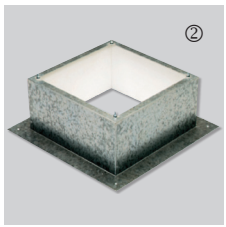
MOUNTING ACCESSORIES



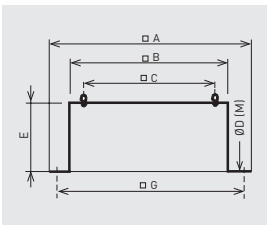
JMS
Sealing frame
- For mounting a roof fan on an up stand or base.
- Supplied with screws and gasket for a complete weatherproof seal.



Model	oA	oB	oC	E	F
JMS-300	470	290	245	50	70
JMS-435	600	420	330	50	70
JMS-560	725	545	450	50	70
JMS-630	795	615	535	50	70
JMS-710	875	695	590	50	70
JMS-905	1065	885	750	60	70
JMS-1100	1260	1080	840	60	70

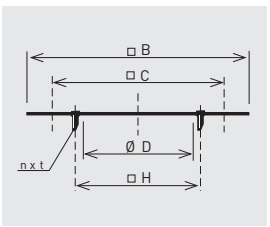


JBS
Flat roof up stand
For mounting a fan on a flat roof without up stands.
- For use on horizontal roofs.
- Internal insulation to prevent condensation.
- Supplied with screws and gasket for a complete weather seal.



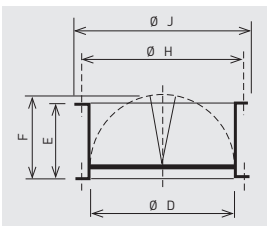
Model	oA	oB	oC	Ø D (M)	E	oG
JBS-300	470	289	245	10,5 (M8)	300	380
JBS-435	600	419	330	11 (M10)	300	510
JBS-560	725	544	450	11 (M10)	300	635
JBS-630	795	614	535	11 (M10)	300	705
JBS-710	875	694	590	16 (M14)	300	785
JBS-905	1065	884	750	16 (M14)	400	975
JBS-1100	1260	1079	840	16 (M14)	400	1170

JPA
Accessory adapter plate
- Used when mounting the accessories (JCA, JBR, JAE).
- Allows the fan to be disconnected from the upstand without having to remove the duct.



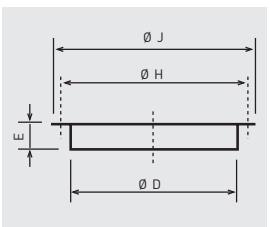
Model	oB	oC	Ø D	nxt	Ø H
JPA-300	289	245	182	4xM6	205
JPA-435	419	330	252	4xM8	280
JPA-560	544	450	358	8xM8	395
JPA-630	614	535	403	8xM10	450
JPA-710	694	590	503	12xM10	560
JPA-905	884	750	633	12xM10	690
JPA-1100	1079	840	713	16xM10	770

JCA / JCA N
Backdraft shutter
- Prevents backdraft when the fan is not operating.
- To be mounted at the fan inlet with the JPA plate.

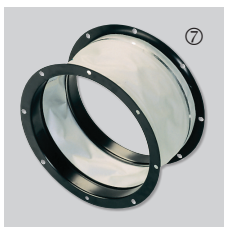


Model	Ø D	E	F	Ø H	Ø J
JCA-300	182	100	124	205	219
JCA-435	252	145	174	280	300
JCA-560-N	358	210	227	395	415
JCA-630-N	403	240	250	450	474
JCA-710-N	503	285	300	560	581
JCA-905-N	633	345	365	690	714
JCA-1100-N	713	390	410	770	806

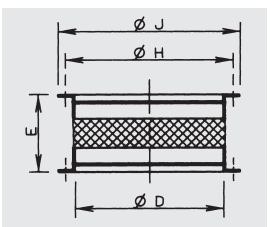
JBR N
Flange
- For use when circular connection is required directly to the fan.
- To be mounted at the fan inlet with the JPA plate or fixed directly to the fan base (rivets or screws not supplied).



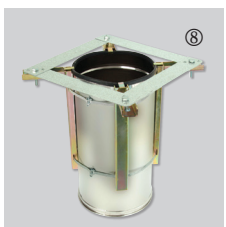
Model	Ø D	E	Ø H	Ø J
JBR-300 N	182	55	205	219
JBR-435 N	252	55	280	300
JBR-560 N	358	55	395	415
JBR-630 N	403	63	450	474
JBR-710 N	503	69	560	581
JBR-905 N	633	69	690	714
JBR-1100 N	713	69	770	797



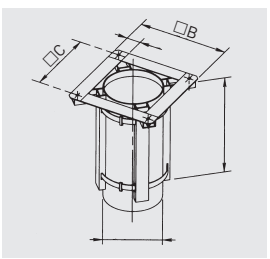
JAE N
Flexible coupling
- Reduces the transmission of vibrations when the duct is connected directly to the fan.
- To be mounted at the fan inlet with JPA plate.



Model	Ø D	E	Ø H	Ø J
JAE-300 N	182	55	205	219
JAE-435 N	252	55	280	300
JAE-560 N	358	55	395	415
JAE-630 N	403	55	450	474
JAE-710 N	503	55	560	581
JAE-905 N	633	55	690	714
JAE-1100 N	713	60	770	797



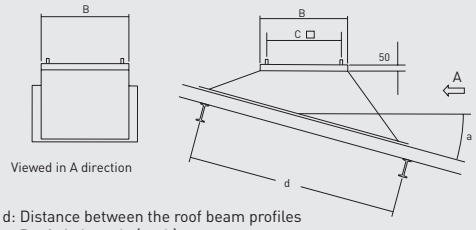
JCC
Adapter for circular duct
- For use when fitting the models up to 400, directly to a spirally wound circular duct.



Model	Ø B	Ø C	Ø D	E	L
JCC-300	290	245	180	45	350
JCC-435	390	330	250	60	350
JCC-560	520	450	355	70	350
JCC-630	605	535	400	70	350

MOUNTING ACCESSORIES

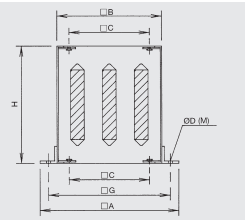
BI
Support base for inclined curb mounted installations
- To ensure a proper installation of the MAXTEMP roof fan it is essential to specify the roof pitch angle and the distance between the roof beam profiles.



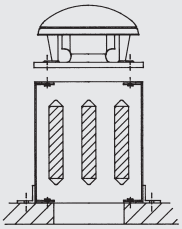
d: Distance between the roof beam profiles
a: Roof pitch angle (curb)

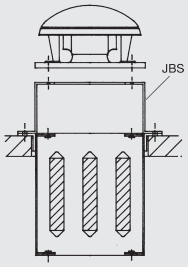
Model	B	C
BI-3	289	245
BI-4	419	330
BI-5	544	450
BI-6	614	535
BI-7	694	590
BI-9	884	750
BI-11	1079	840

JAA
Acoustic up stand
- Reduces in duct and radiated noise.
- For use when mounting a fan on a flat roof without up stands.
- Supplied with screws and gasket for a complete weather seal.

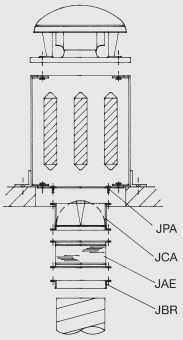


Model	oA	oB	oC	Ø D (M)	H	oG
JAA-300	470	290	245	13 (MI0)	750	380
JAA-435	600	419	330	15 (MI2)	750	510
JAA-560	725	545	450	15 (MI2)	750	635
JAA-630	795	615	535	15 (MI2)	750	705
JAA-710	875	695	590	18 (MI4)	1000	785
JAA-905	1065	885	750	18 (MI4)	1000	975
JAA-1100	1260	1080	840	18 (MI4)	1000	1170

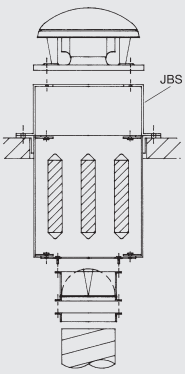




REVERSE MOUNTING



STANDARD MOUNTING
WITH ACCESSORIES

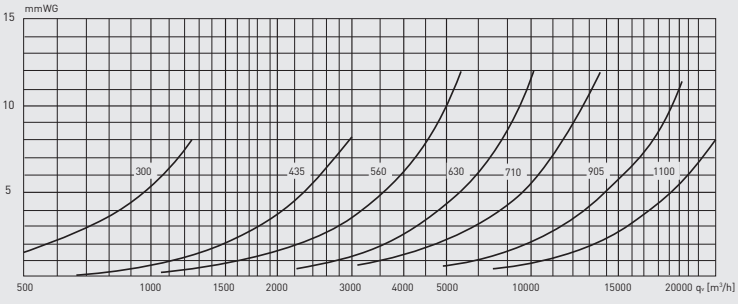


REVERSE MOUNTING
WITH ACCESSORIES

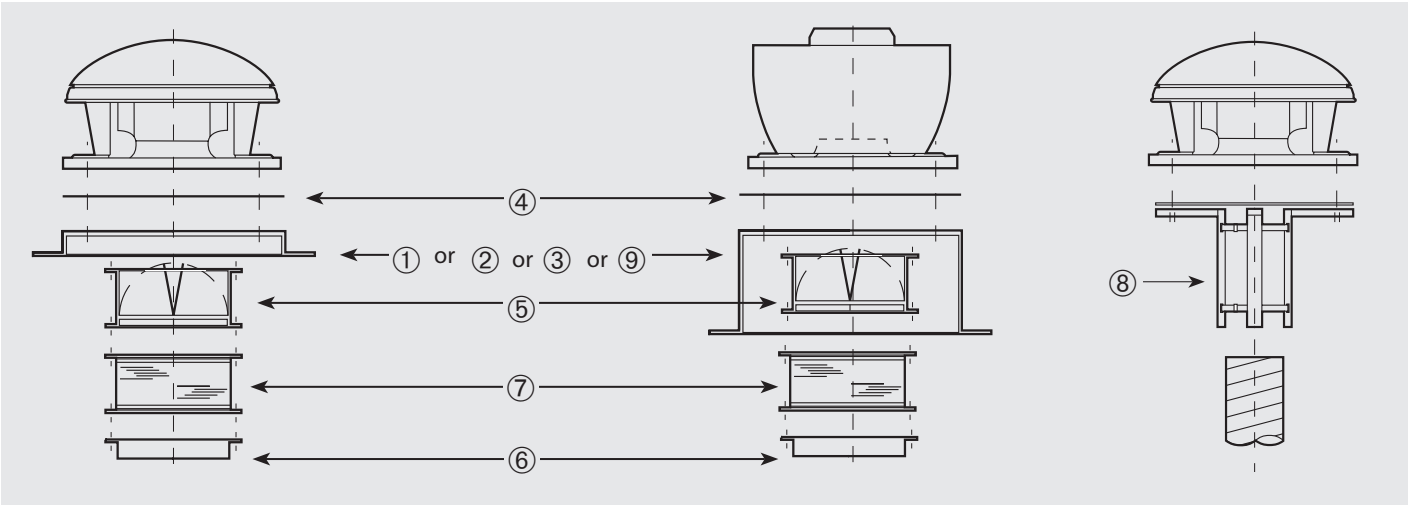
Acoustic attenuation in dB(A) at the corresponding frequency band in Hz.

Model	125	250	500	1000	2000	4000	8000
JAA-300	1	5	13	22	23	16	12
JAA-435	1	7	16	23	25	18	13
JAA-560	2	8	16	29	32	26	17
JAA-630	2	8	14	24	27	19	13
JAA-710	2	8	14	24	28	16	11
JAA-905	2	7	14	26	30	19	12
JAA-1100	2	7	16	27	32	20	13

JAA Attenuator pressure drops.



INSTALLATION



Fan model	① Sealing frame	② Flat roof insulated up stand	③ Acoustic up stand	④ Accessory adapter plate	⑤ Back draft shutter	⑥ Flange with spigot	⑦ Flexible coupling	⑧ Circular adapter	⑨ Support base for inclined curb mounted installations
140 180	JMS-300	JBS-300	JAA-300	JPA-300	JCA-300	JBR-300 N	JAE-300 N	JCC-300	BI-3
200 225	JMS-435	JBS-435	JAA-435	JPA-435	JCA-435	JBR-435 N	JAE-435 N	JCC-435	BI-4
250 315	JMS-560	JBS-560	JAA-560	JPA-560	JCA-560-N	JBR-560 N	JAE-560 N	JCC-560	BI-5
400	JMS-630	JBS-630	JAA-630	JPA-630	JCA-630-N	JBR-630 N	JAE-630 N	JCC-630	BI-6
450	JMS-710	JBS-710	JAA-710	JPA-710	JCA-710-N	JBR-710 N	JAE-710 N	–	BI-7
500 560	JMS-905	JBS-905	JAA-905	JPA-905	JCA-905-N	JBR-905 N	JAE-905 N	–	BI-9
630 710	JMS-1100	JBS-1100	JAA-1100	JPA-1100	JCA-1100-N	JBR-1100 N	JAE-1100 N	–	BI-11

ELECTRICAL ACCESSORIES

REB
Single phase electronic speed controllers.
– For use with the single phase roof fans.

REB-5 / REB-10
Single phase electronic speed controllers.
– For use with the single phase roof fans phase roof fans.

RMB / RMT
Auto transformer speed controllers.
– For single phase and three phase roof fans models from 140 to 400.

On/ Off Electrical isolation switch
– Switch On/ Off 5P (1 speed motor)
– Switch On/ Off 8P (2 speed motor).

COM D/S Switch
– To connect three phase fans with 400 V motor.
– For three phase roof fans models from 140 to 400.

DEMA DH
Switch for 2-speed motors with Dahlander.

VFTM IP54
Adjustable frequency drives for three phase motors from 0,37 to 15 kW.

VFKB IP65
Adjustable frequency drive for three phase motors from 0,37 to 4 kW.