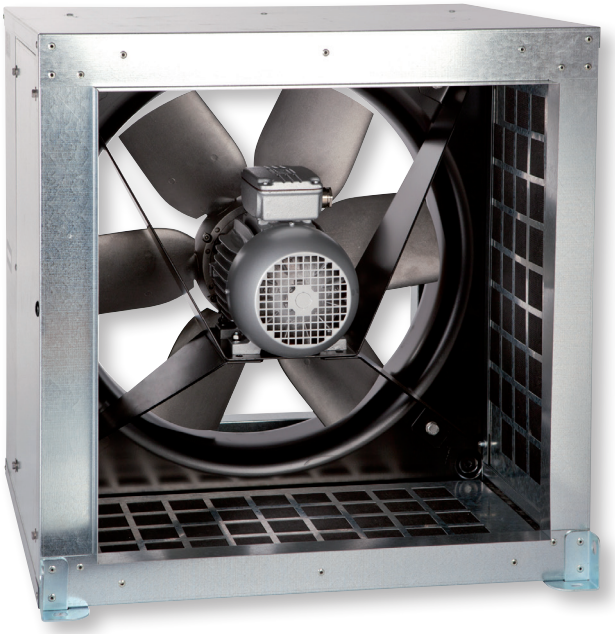


Constructive configuration
models from 400 to 800



Constructive configuration
models from 900 to 1250

Axial flow cabinet fans designed for smoke extraction in fire conditions and certified F400-120 and F300/F200-120 (CE marked).
Casing manufactured from heavy gauge galvanised sheet steel internally lined with 25mm thickness fireproof fibreglass acoustic insulation (M0).
Variable pitch angle impeller, dynamically balanced to ISO 14694: G6.3, made from high grade aluminum. Hubs made from aluminium or pressed sheet steel, depending on diameter and temperature requirements.
Standard air operation temperature range: -20ºC to +40ºC.

Check EasyVent to select the most suitable configurations for the installation, and obtain the corresponding datasheets.

Motors
Single speed in 4 poles.
Two speed in 4/8 poles.
IE3 efficiency category from 0,75kW onwards, IE2 minimum for lower kW motors.
Not applicable to 8 pole or two speed motors.
F300-120 & F400-120 motors are IP55, class H insulation.
Electrical supplies:
Three phase 220-240/380-415-50/60Hz up to 3 kW.
Three phase 380-415V-50Hz, for higher power motors and two speed motors.
Suitable for inverter control.
In emergency operation, no need for DOL or de-rating, as long as the VFTM range of VSDs is used, and/or requirements defined in EN 12101-3 are followed.
60Hz versions available in EasyVent.

Other data
Standard air direction Motor-Impeller (Form A).
For horitzontal airflow installation.

On request
Two speed in 2/4, 4/6 or 6/12 poles.
Motors provided with PTC thermistor or space heaters.

Specific applications

F400-120

Officially approved to EN12101-3 standard (certificate number 0370-CPR-6216)

F300/F200-120

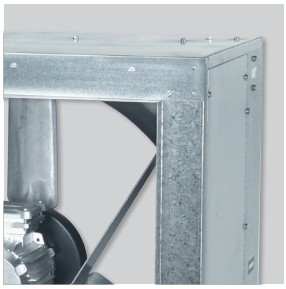
Officially approved to EN12101-3 standard (certificate number 0370-CPR-6213)

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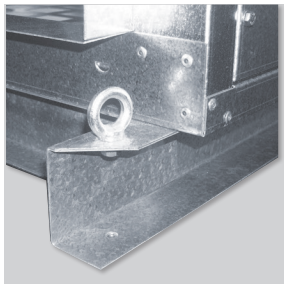
Car Parks



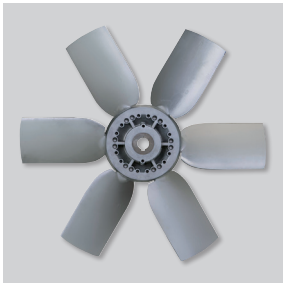
Motor approved S1 and S2
F400-120 or F300-120 certified motors approved for running continuously (S1) or for emergency operation (S2).



Corrosion resistance
Casings manufactured from galvanised sheet steel. Design enables the casing side panels to be removed and the motorimpeller assembly accessed.



Easy to install
Robust base supports facilitate the installation. (Models from 900 to 1250)



Impeller dynamically balanced
Impeller dynamically balanced, according to ISO 14694: G6.3, providing vibration free operation.





Wide blade design: higher pressure
Wide blade design to ensure the highest efficient airflow performances.
Configuration 1: models from 400 to 630 (F400) or 800/6 (F300).
Configuration 2: models from 710 (F400) or 800/9 (F300) to 1250.

REFERENCE

C H G T	/	4	-	1 0 0 0	-	6	/	16	/	A	7,5 KW
1		2		3		4		5		6	7

1 - : Product range.
2 - : Number of poles.
3 - : Diameters.
4 - : Number of blades.
5 - : Blade pitch angle.
6 - : Airflow direction.
7 - : Motor power.

TECHNICAL CHARACTERISTICS - F300/F200 120 & F400 120 - 4 poles - 1450 rpm

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.
We reserve the right to use different motor suppliers, therefore the following data may differ.

Model	Diameter (mm)	Motor power	Full load current at 400V (A)	Weight (kg)
CHGT/4-400-6/-0,25	400	0,25	0,6	54
CHGT/4-450-6/-0,25	450	0,25	0,6	57
CHGT/4-450-6/-0,37	450	0,37	0,87	58
CHGT/4-450-6/-0,55	450	0,55	1,38	58
CHGT/4-500-6/-0,55	500	0,55	1,38	60
CHGT/4-500-6/-0,75	500	0,75	1,62	65
CHGT/4-500-6/-1,1	500	1,1	2,35	70
CHGT/4-560-6/-0,55	560	0,55	1,38	59
CHGT/4-560-6/-0,75	560	0,75	1,62	64
CHGT/4-560-6/-1,1	560	1,1	2,35	69
CHGT/4-560-6/-1,5	560	1,5	3,17	72
CHGT/4-560-6/-2,2	560	2,2	4,56	81
CHGT/4-630-6/-0,75	630	0,75	1,62	68
CHGT/4-630-6/-1,1	630	1,1	2,35	73
CHGT/4-630-6/-1,5	630	1,5	3,17	76
CHGT/4-630-6/-2,2	630	2,2	4,56	85
CHGT/4-630-6/-3	630	3	6,15	91
CHGT/4-710-5/-1,1	710	1,1	2,35	85
CHGT/4-710-5/-1,5	710	1,5	3,17	88
CHGT/4-710-5/-2,2	710	2,2	4,56	97
CHGT/4-710-5/-3	710	3	6,15	103
CHGT/4-710-5/-4	710	4	8,03	109
CHGT/4-710-5/-5,5	710	5,5	10,4	131
CHGT/4-710-7/-1,1	710	1,1	2,35	87
CHGT/4-710-7/-1,5	710	1,5	3,17	90
CHGT/4-710-7/-2,2	710	2,2	4,56	99
CHGT/4-710-7/-3	710	3	6,15	105
CHGT/4-710-7/-4	710	4	8,03	111
CHGT/4-710-7/-5,5	710	5,5	10,4	133
CHGT/4-800-3/-1,1	800	1,1	2,35	88
CHGT/4-800-3/-1,5	800	1,5	3,17	91
CHGT/4-800-3/-2,2	800	2,2	4,56	100
CHGT/4-800-3/-3	800	3	6,15	106
CHGT/4-800-3/-4	800	4	8,03	112
CHGT/4-800-3/-5,5	800	5,5	10,4	134

Model	Diameter (mm)	Motor power	Full load current at 400V (A)	Weight (kg)
CHGT/4-800-6/-1,5	800	1,5	3,17	95
CHGT/4-800-6/-2,2	800	2,2	4,56	104
CHGT/4-800-6/-3	800	3	6,15	110
CHGT/4-800-6/-4	800	4	8,03	116
CHGT/4-800-6/-5,5	800	5,5	10,4	138
CHGT/4-800-6/-7,5	800	7,5	13,9	146
CHGT/4-800-9/-2,2	800	2,2	4,56	107
CHGT/4-800-9/-3	800	3	6,15	113
CHGT/4-800-9/-4	800	4	8,03	119
CHGT/4-800-9/-5,5	800	5,5	10,4	141
CHGT/4-800-9/-7,5	800	7,5	13,9	149
CHGT/4-900-3/-2,2	900	2,2	4,56	163
CHGT/4-900-3/-3	900	3	6,15	169
CHGT/4-900-3/-4	900	4	8,03	175
CHGT/4-900-3/-5,5	900	5,5	10,4	197
CHGT/4-900-3/-7,5	900	7,5	13,9	205
CHGT/4-900-6/-3	900	3	6,15	173
CHGT/4-900-6/-4	900	4	8,03	179
CHGT/4-900-6/-5,5	900	5,5	10,4	201
CHGT/4-900-6/-7,5	900	7,5	13,9	209
CHGT/4-900-6/-11	900	11	20,9	248
CHGT/4-900-9/-5,5	900	5,5	10,4	205
CHGT/4-900-9/-7,5	900	7,5	13,9	213
CHGT/4-900-9/-11	900	11	20,9	252
CHGT/4-900-9/-15	900	15	27,9	274
CHGT/4-1000-3/-3	1000	3	6,15	166
CHGT/4-1000-3/-4	1000	4	8,03	172
CHGT/4-1000-3/-5,5	1000	5,5	10,4	194
CHGT/4-1000-3/-7,5	1000	7,5	13,9	202
CHGT/4-1000-3/-11	1000	11	20,9	241
CHGT/4-1000-6/-4	1000	4	8,03	177
CHGT/4-1000-6/-5,5	1000	5,5	10,4	199
CHGT/4-1000-6/-7,5	1000	7,5	13,9	207
CHGT/4-1000-6/-11	1000	11	20,9	246
CHGT/4-1000-6/-15	1000	15	27,9	268
CHGT/4-1000-6/-18,5	1000	18,5	35,1	301

TECHNICAL CHARACTERISTICS - F300/F200 120 & F400 120 - 4 poles - 1450 rpm (CONTINUATION)

Model	Diameter (mm)	Motor power	Full load current at 400V (A)	Weight (kg)
CHGT/4-1000-9/-7,5	1000	7,5	13,9	212
CHGT/4-1000-9/-11	1000	11	20,9	251
CHGT/4-1000-9/-15	1000	15	27,9	273
CHGT/4-1000-9/-18,5	1000	18,5	35,1	306
CHGT/4-1000-9/-22	1000	22	41	323
CHGT/4-1250-3/-7,5	1250	7,5	13,9	359
CHGT/4-1250-3/-11	1250	11	20,9	398
CHGT/4-1250-3/-15	1250	15	27,9	420
CHGT/4-1250-3/-18,5	1250	18,5	35,1	453
CHGT/4-1250-3/-22	1250	22	41	470
CHGT/4-1250-3/-30	1250	30	57,1	513

Model	Diameter (mm)	Motor power	Full load current at 400V (A)	Weight (kg)
CHGT/4-1250-6/-15	1250	15	27,9	425
CHGT/4-1250-6/-18,5	1250	18,5	35,1	458
CHGT/4-1250-6/-22	1250	22	41	475
CHGT/4-1250-6/-30	1250	30	57,1	518
CHGT/4-1250-6/-37	1250	37	66,8	655
CHGT/4-1250-6/-45	1250	45	80,9	690
CHGT/4-1250-9/-15	1250	15	27,9	430
CHGT/4-1250-9/-18,5	1250	18,5	35,1	463
CHGT/4-1250-9/-22	1250	22	41	480
CHGT/4-1250-9/-30	1250	30	57,1	523
CHGT/4-1250-9/-37	1250	37	66,8	660
CHGT/4-1250-9/-45	1250	45	80,9	695

TECHNICAL CHARACTERISTICS - F300/F200 120 & F400 120 - 4/8 poles - 1450/730 rpm

Model	Diameter (mm)	Motor power		Full load current 400V (A)		Weight (kg)
		HS	LS	HS	LS	
CHGT/4/8-400-6/-0,55/0,09	400	0,55	0,09	1,7	0,837	60
CHGT/4/8-450-6/-0,55/0,09	450	0,55	0,09	1,7	0,837	63
CHGT/4/8-500-6/-0,55/0,09	500	0,55	0,09	1,7	0,837	65
CHGT/4/8-500-6/-0,75/0,12	500	0,75	0,12	1,86	0,833	65
CHGT/4/8-500-6/-1,1/0,18	500	1,1	0,18	2,73	1,21	77
CHGT/4/8-560-6/-0,55/0,09	560	0,55	0,09	1,7	0,837	64
CHGT/4/8-560-6/-0,75/0,12	560	0,75	0,12	1,86	0,833	64
CHGT/4/8-560-6/-1,1/0,18	560	1,1	0,18	2,73	1,21	76
CHGT/4/8-560-6/-1,5/0,25	560	1,5	0,25	3,65	1,6	79
CHGT/4/8-560-6/-2,2/0,37	560	2,2	0,37	4,7	1,66	87
CHGT/4/8-630-6/-0,55/0,09	630	0,55	0,09	1,7	0,837	68
CHGT/4/8-630-6/-0,75/0,12	630	0,75	0,12	1,86	0,833	68
CHGT/4/8-630-6/-1,1/0,18	630	1,1	0,18	2,73	1,21	80
CHGT/4/8-630-6/-1,5/0,25	630	1,5	0,25	3,65	1,6	83
CHGT/4/8-630-6/-2,2/0,37	630	2,2	0,37	4,7	1,66	91
CHGT/4/8-630-6/-3/0,55	630	3	0,55	6,29	2,35	92
CHGT/4/8-630-6/-4/0,75	630	4	0,75	8,44	2,25	99

Model	Diameter (mm)	Motor power		Full load current 400V (A)		Weight (kg)
		HS	LS	HS	LS	
CHGT/4/8-710-5/-0,75/0,12	710	0,75	0,12	1,86	0,833	80
CHGT/4/8-710-5/-1,1/0,18	710	1,1	0,18	2,73	1,21	92
CHGT/4/8-710-5/-1,5/0,25	710	1,5	0,25	3,65	1,6	95
CHGT/4/8-710-5/-2,2/0,37	710	2,2	0,37	4,7	1,66	103
CHGT/4/8-710-5/-3/0,55	710	3	0,55	6,29	2,35	104
CHGT/4/8-710-5/-4/0,75	710	4	0,75	8,44	2,25	111
CHGT/4/8-710-5/-5,5/1,1	710	5,5	1,1	11,7	3,7	133
CHGT/4/8-710-7/-1,1/0,18	710	1,1	0,18	2,73	1,21	94
CHGT/4/8-710-7/-1,5/0,25	710	1,5	0,25	3,65	1,6	97
CHGT/4/8-710-7/-2,2/0,37	710	2,2	0,37	4,7	1,66	105
CHGT/4/8-710-7/-3/0,55	710	3	0,55	6,29	2,35	106
CHGT/4/8-710-7/-4/0,75	710	4	0,75	8,44	2,25	113
CHGT/4/8-710-7/-5,5/1,1	710	5,5	1,1	11,7	3,7	135
CHGT/4/8-800-3/-1,1/0,18	800	1,1	0,18	2,73	1,21	95
CHGT/4/8-800-3/-1,5/0,25	800	1,5	0,25	3,65	1,6	98
CHGT/4/8-800-3/-2,2/0,37	800	2,2	0,37	4,7	1,66	106
CHGT/4/8-800-3/-3/0,55	800	3	0,55	6,29	2,35	107
CHGT/4/8-800-3/-4/0,75	800	4	0,75	8,44	2,25	114

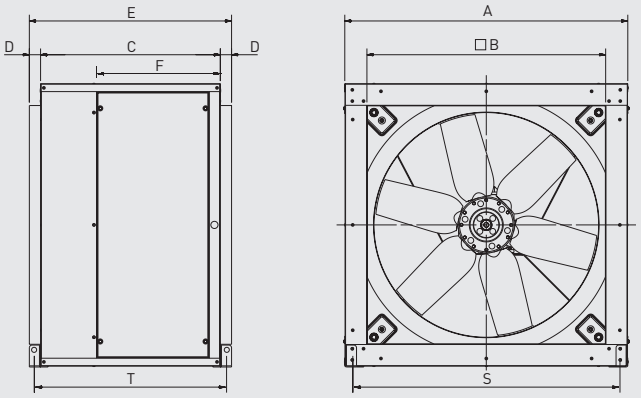
TECHNICAL CHARACTERISTICS - F300/F200 120 & F400 120 - 4/8 poles - 1450/730 rpm (CONTINUATION)

Model	Diameter (mm)	Motor power		Full load current 400V (A)		Weight (kg)
		HS	LS	HS	LS	
CHGT/4/8-800-6/-1,5/0,25	800	1,5	0,25	3,65	1,6	102
CHGT/4/8-800-6/-2,2/0,37	800	2,2	0,37	4,7	1,66	110
CHGT/4/8-800-6/-3/0,55	800	3	0,55	6,29	2,35	111
CHGT/4/8-800-6/-4/0,75	800	4	0,75	8,44	2,25	118
CHGT/4/8-800-6/-5,5/1,1	800	5,5	1,1	11,7	3,7	140
CHGT/4/8-800-6/-7,5/1,5	800	7,5	1,5	15,9	4,72	153
CHGT/4/8-800-9/-2,2/0,37	800	2,2	0,37	4,7	1,66	113
CHGT/4/8-800-9/-3/0,55	800	3	0,55	6,29	2,35	114
CHGT/4/8-800-9/-4/0,75	800	4	0,75	8,44	2,25	121
CHGT/4/8-800-9/-5,5/1,1	800	5,5	1,1	11,7	3,7	143
CHGT/4/8-800-9/-7,5/1,5	800	7,5	1,5	15,9	4,72	156
CHGT/4/8-900-3/-2,2/0,37	900	2,2	0,37	4,7	1,66	169
CHGT/4/8-900-3/-3/0,55	900	3	0,55	6,29	2,35	170
CHGT/4/8-900-3/-4/0,75	900	4	0,75	8,44	2,25	177
CHGT/4/8-900-3/-5,5/1,1	900	5,5	1,1	11,7	3,7	199
CHGT/4/8-900-3/-7,5/1,5	900	7,5	1,5	15,9	4,72	212
CHGT/4/8-900-6/-2,2/0,37	900	2,2	0,37	4,7	1,66	173
CHGT/4/8-900-6/-3/0,55	900	3	0,55	6,29	2,35	174
CHGT/4/8-900-6/-4/0,75	900	4	0,75	8,44	2,25	181
CHGT/4/8-900-6/-5,5/1,1	900	5,5	1,1	11,7	3,7	203
CHGT/4/8-900-6/-7,5/1,5	900	7,5	1,5	15,9	4,72	216
CHGT/4/8-900-6/-11/3	900	11	3	21	7	247
CHGT/4/8-900-9/-4/0,75	900	4	0,75	8,44	2,25	185
CHGT/4/8-900-9/-5,5/1,1	900	5,5	1,1	11,7	3,7	207
CHGT/4/8-900-9/-7,5/1,5	900	7,5	1,5	15,9	4,72	220
CHGT/4/8-900-9/-11/3	900	11	3	21	7	251
CHGT/4/8-900-9/-14/3,5	900	14	3,5	26,5	8,45	270
CHGT/4/8-1000-3/-2,2/0,37	1000	2,2	0,37	4,7	1,66	166
CHGT/4/8-1000-3/-3/0,55	1000	3	0,55	6,29	2,35	167
CHGT/4/8-1000-3/-4/0,75	1000	4	0,75	8,44	2,25	174
CHGT/4/8-1000-3/-5,5/1,1	1000	5,5	1,1	11,7	3,7	196
CHGT/4/8-1000-3/-7,5/1,5	1000	7,5	1,5	15,9	4,72	209
CHGT/4/8-1000-3/-11/3	1000	11	3	21	7	240

Model	Diameter (mm)	Motor power		Full load current 400V (A)		Weight (kg)
		HS	LS	HS	LS	
CHGT/4/8-1000-6/-4/0,75	1000	4	0,75	8,44	2,25	179
CHGT/4/8-1000-6/-5,5/1,1	1000	5,5	1,1	11,7	3,7	201
CHGT/4/8-1000-6/-7,5/1,5	1000	7,5	1,5	15,9	4,72	214
CHGT/4/8-1000-6/-11/3	1000	11	3	21	7	245
CHGT/4/8-1000-6/-14/3,5	1000	14	3,5	26,5	8,45	264
CHGT/4/8-1000-6/-17/4,3	1000	17	4,3	33,4	12,7	295
CHGT/4/8-1000-6/-20/5	1000	20	5	38,6	14,1	310
CHGT/4/8-1000-9/-5,5/1,1	1000	5,5	1,1	11,7	3,7	206
CHGT/4/8-1000-9/-7,5/1,5	1000	7,5	1,5	15,9	4,72	219
CHGT/4/8-1000-9/-11/3	1000	11	3	21	7	250
CHGT/4/8-1000-9/-14/3,5	1000	14	3,5	26,5	8,45	269
CHGT/4/8-1000-9/-17/4,3	1000	17	4,3	33,4	12,7	300
CHGT/4/8-1000-9/-20/5	1000	20	5	38,6	14,1	315
CHGT/4/8-1250-3/-5,5/1,1	1250	5,5	1,1	11,7	3,7	353
CHGT/4/8-1250-3/-7,5/1,5	1250	7,5	1,5	15,9	4,72	366
CHGT/4/8-1250-3/-11/3	1250	11	3	21	7	397
CHGT/4/8-1250-3/-14/3,5	1250	14	3,5	26,5	8,45	416
CHGT/4/8-1250-3/-17/4,3	1250	17	4,3	33,4	12,7	447
CHGT/4/8-1250-3/-20/5	1250	20	5	38,6	14,1	462
CHGT/4/8-1250-3/-28/6,5	1250	28	6,5	52	18	520
CHGT/4/8-1250-6/-11/3	1250	11	3	21	7	402
CHGT/4/8-1250-6/-14/3,5	1250	14	3,5	26,5	8,45	421
CHGT/4/8-1250-6/-17/4,3	1250	17	4,3	33,4	12,7	452
CHGT/4/8-1250-6/-20/5	1250	20	5	38,6	14,1	467
CHGT/4/8-1250-6/-28/6,5	1250	28	6,5	52	18	525
CHGT/4/8-1250-6/-30/8	1250	30	8	56,5	21,8	555
CHGT/4/8-1250-6/-37/9,2	1250	37	9,2	74,2	25,4	658
CHGT/4/8-1250-6/-44/11	1250	44	11	80,2	27,2	715
CHGT/4/8-1250-9/-14/3,5	1250	14	3,5	26,5	8,45	426
CHGT/4/8-1250-9/-17/4,3	1250	17	4,3	33,4	12,7	457
CHGT/4/8-1250-9/-20/5	1250	20	5	38,6	14,1	472
CHGT/4/8-1250-9/-28/6,5	1250	28	6,5	52	18	530
CHGT/4/8-1250-9/-30/8	1250	30	8	56,5	21,8	560
CHGT/4/8-1250-9/-37/9,2	1250	37	9,2	74,2	25,4	663
CHGT/4/8-1250-9/-44/11	1250	44	11	80,2	27,2	720

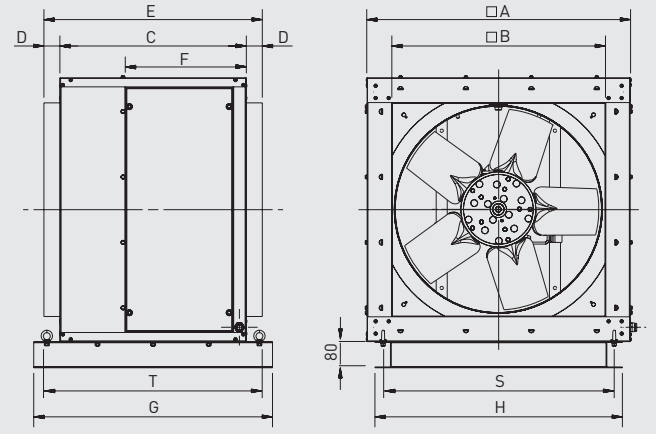
DIMENSIONS (mm)

Models 400 to 800



Model	A	□B	C	D	E	F
400	509	423	440	40	520	304
450	567,6	473	483	40	563	317
500	638	523	525	40	605	331
560	718,6	583	570	40	650	370
630	808	653	570	40	650	370
710	907,6	750	640	40	720	438
800	1007,6	850	640	40	720	438

Models 900 to 1250

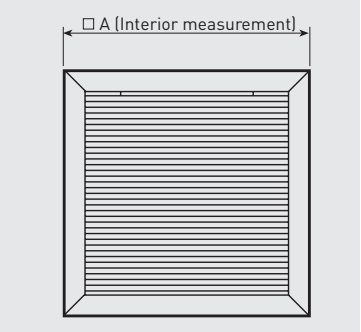


Model	□A	□B	C	D	E	F	G	H
900	1126,5	950	700	50	800	503	860	1076,5
1000	1256,5	1055	700	50	800	503	860	1206,5
1250	1476,5	1275	900	50	1000	310	1060	1426,5

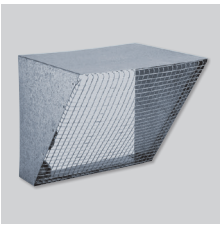
MOUNTING ACCESSORIES



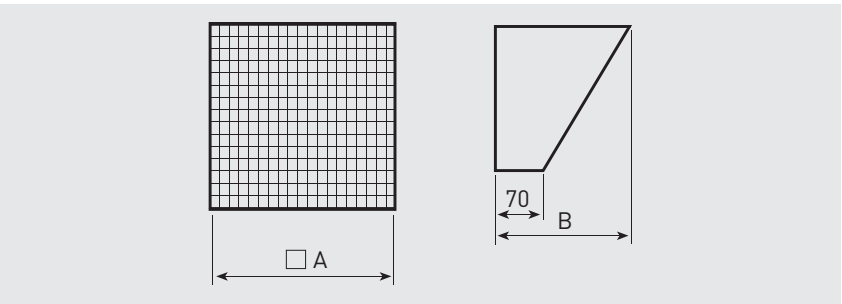
PER-CR CHGT/CGT
Back draught damper with steel frame and resistant light-weight aluminium blades, with a device which allows a perfect and coordinated opening of the blades. RAL 7012 color. These louvres include protective guard.
Dampers to be used together with CHGT and CGT fans to avoid air returns in parallel installations.



Model	□ A
PER-CR CHGT/CGT-400	430
PER-CR CHGT/CGT-450	480
PER-CR CHGT/CGT-500	530
PER-CR CHGT/CGT-560	587
PER-CR CHGT/CGT-630	657
PER-CR CHGT/CGT-710	754
PER-CR CHGT/CGT-800	854
PER-CR CHGT/CGT-900	954
PER-CR CHGT/CGT-1000	1059
PER-CR CHGT/CGT-1250	1279

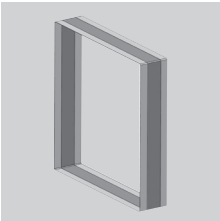


CVD CHGT/CGT
Protection guards.
Wire protection guards for mounting on the inlet or discharge sides of the cabinets.

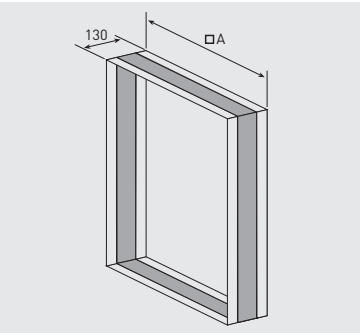


Model cabinet	Inlet and discharge		
	Protection guard model	A	B
CHGT-400	CVD CHGT/CGT-400	424	313,5
CHGT-450	CVD CHGT/CGT-450	474	341,5
CHGT-500	CVD CHGT/CGT-500	524	369,5
CHGT-560	CVD CHGT/CGT-560	584	403,5
CHGT-630	CVD CHGT/CGT-630	654	422,5
CHGT-710	CVD CHGT/CGT-710	751	503,8
CHGT-800	CVD CHGT/CGT-800	851,5	560,2
CHGT-900	CVD CHGT/CGT-900	951,5	616,2
CHGT-1000	CVD CHGT/CGT-1000	1056,5	675
CHGT-1250	CVD CHGT/CGT-1250	1276,5	798,3

Dimensions in mm.



ACOP RECT
CHGT/CGT F400
Rectangular flexible connector.



Dimensions in mm.

Model cabinet	□A
ACOP RECT CHGT/CGT 400 F400	424
ACOP RECT CHGT/CGT 450 F400	474
ACOP RECT CHGT/CGT 500 F400	524
ACOP RECT CHGT/CGT 560 F400	584
ACOP RECT CHGT/CGT 630 F400	654
ACOP RECT CHGT/CGT 710 F400	751
ACOP RECT CHGT/CGT 800 F400	851
ACOP RECT CHGT/CGT 900 F400	951
ACOP RECT CHGT/CGT 1000 F400	1056
ACOP RECT CHGT/CGT 1250 F400	1276