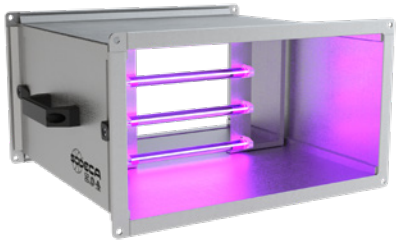
CGR-UVc

UVc germicidal chamber without fan for use in rectangular ducts. Ideal for installation in existing air conditioning and ventilation systems



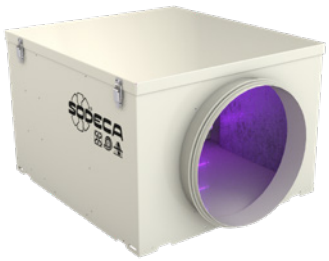
Germicidal chamber without fan for rectangular ducts, equipped with UVc ultraviolet lamps and optionally with filtration stages. Ideal for installation in existing ventilation and air conditioning systems.

Characteristics:
- Germicidal chamber with UVc ultraviolet lamps (256 nm).
- Maintenance access panel.
- Easy to install.
- Low profile models for false ceiling installation.
- Filtration stages according to model F7 + F9 o F7 + HEPA H14.
- Filters can easily and quickly be replaced using guides.
- Standard flanges on inlet and outlet sides to facilitate installation in ducts.
- With safety elements for handling and maintenance of ultraviolet lamps according to the UNE-0068: 2020 standard.

Finish:
- Anti-corrosive in galvanized steel sheet.

CG/LP-UVc

UVc germicidal chamber without fan for use in circular ducts. Ideal for installation in existing air conditioning and ventilation systems



Germicidal chamber without a fan for circular ducts equipped with UVc ultraviolet lamps and with the option of including filtration stages. Ideal for installation in existing air conditioning and ventilation systems.

Characteristics:
- Germicidal chamber with UVc ultraviolet lamps (256 nm).
- Maintenance access panel.
- Easy to install.
- Low profile models for false ceiling installation.
- Filtration stages according to model F7 + F9 o F7 + HEPA H14.
- Filters can easily and quickly be replaced using guides.
- Standard flanges on inlet and outlet sides to facilitate installation in ducts.
- With safety elements for handling and maintenance of ultraviolet lamps according to the UNE-0068: 2020 standard.

Finish:
- Anti-corrosive finish in polyester resin, polymerised at 190 ºC, after degreasing with phosphate-free nanotechnology treatment.

Order code

CGR-UVc — 5030 — 0

CGR-UVc: UVc germicidal chamber without fan for use in rectangular ducts. Ideal for installation in existing air conditioning and ventilation systems	Duct section	0: Without filters Filter F7 + F9 Filter F7 + HEPA H14

CG/LP-UVc — 315 — 0

CG/LP-UVc: UVc germicidal chamber without fan for use in circular ducts. Ideal for installation in existing air conditioning and ventilation systems	Duct diameter	0: Without filters Filter F7 + F9 Filter F7 + HEPA H14

Technical characteristics of the UVc germicidal chamber

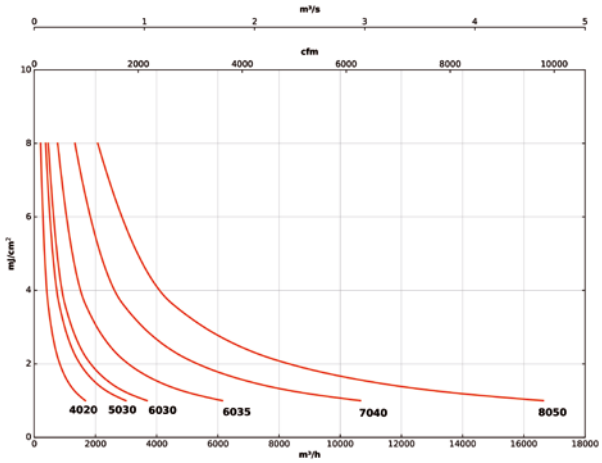
According to the model, these purification units can integrate a germicidal chamber, built with UVc ultraviolet lamps in a 256 nm spectrum, a wave width indicated to inactivate a wide variety of microorganisms by absorbing short wavelength energy through DNA and RNA.

Model	Number of lamps	Total electrical power(W)	Total Uvc radiation power (W)
CGR-UVc-4020	4	36	11.2
CGR-UVc-5030	6	54	16.8
CGR-UVc-6030	6	54	16.8
CGR-UVc-6035	4	102	28
CGR-UVc-7040	6	153	42
CGR-UVc-8050	6	153	42

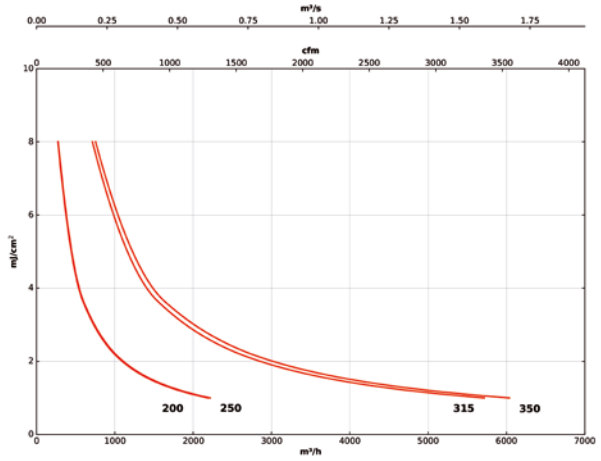
Model	Number of lamps	Total electrical power(W)	Total Uvc radiation power (W)
CG/LP-UVc-200	4	36	11.2
CG/LP-UVc-250	4	36	11.2
CG/LP-UVc-315	4	102	28
CG/LP-UVc-350	4	102	28

Dose calculation

CGR-UVc



CG/LP-UVc



Technical characteristics with filter

Model	Maximum flow rate (m³/h)		Approx. weight
	Filters (F7+F9)	Filters (F7+H14)	(Kg)
CGR-UVc-4020	1385	577	16
CGR-UVc-5030	2863	1193	20
CGR-UVc-6030	3256	1337	28
CGR-UVc-6035	3894	1599	32
CGR-UVc-7040	5301	2177	40
CGR-UVc-8050	7780	3195	50

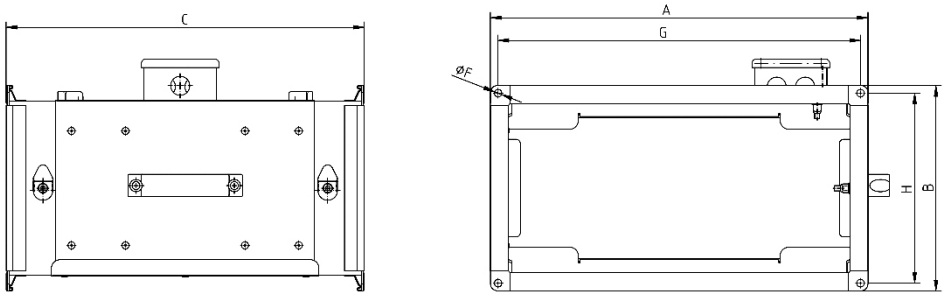
Model	Maximum flow rate (m³/h)		Approx. weight
	Filters (F7+F9)	Filters (F7+H14)	(Kg)
CG/LP-UVc-200	590	430	6.1
CG/LP-UVc-250	660	560	9.2
CG/LP-UVc-315	1035	850	10.4
CG/LP-UVc-350	1550	1270	12.5

Filter characteristics

Filters	EN 779	EN 1822	ISO 16890		
	Em		ISO ePM_1	ISO $ePM_{2,5}$	ISO ePM_{10}
F7	90%	-	>50%	>65-95%	>85%
F9	95%	-	>80%	>95%	>95%
HEPA H14	-	>99.995%	-	-	-

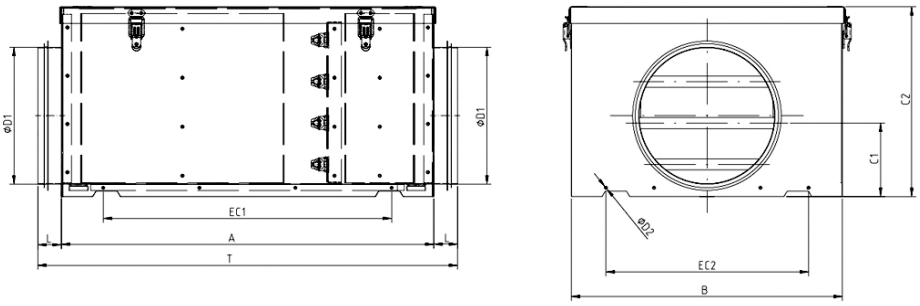
Dimensions mm

CGR-UVc



	A	B	C	ØF	G	H
CGR-UVc-4020	440	240	415	Ø9	420	220
CGR-UVc-5030	540	340	495	Ø9	520	320
CGR-UVc -6030	640	340	610	Ø9	620	320
CGR-UVc -6035	640	390	610	Ø9	620	370
CGR-UVc -7040	740	440	705	Ø9	720	420
CGR-UVc -8050	840	540	825	Ø9	820	520

CG/LP-UVc



	A	B	C1	C2	ØD1	L	ØD2	EC1	EC2	T
CG/LP-UVc-200	543	395	117	275	198.5	34	4.3	420	360	611.5
CG/LP-UVc-250	550	420	140	294	248.5	48	4.3	420	320	646.5
CG/LP-UVc-315	567	421	175	372	313.5	58	4.3	450	439	683
CG/LP-UVc-350	599	610	200	411	353.5	56	4.3	468	525	711

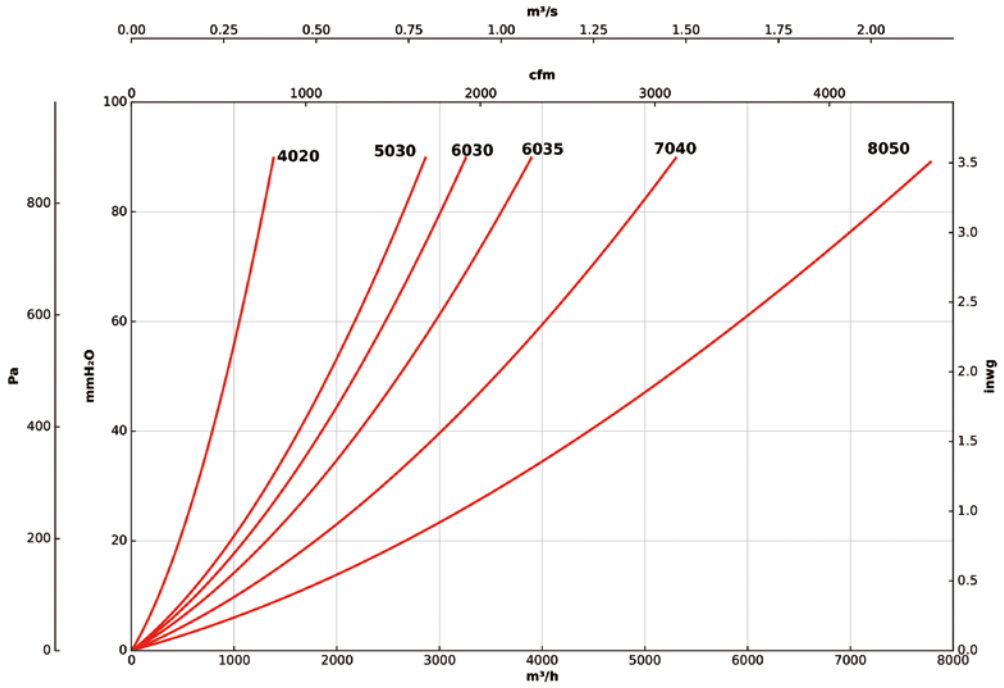
Accessories

FILTROS | SI-PRESOSTATO | SI-PRESIÓN | SI-MF | SI-CO2 IND | SONDA PRESIÓN DIFERENCIAL | ACE ACE/400 | TEJ | VIS

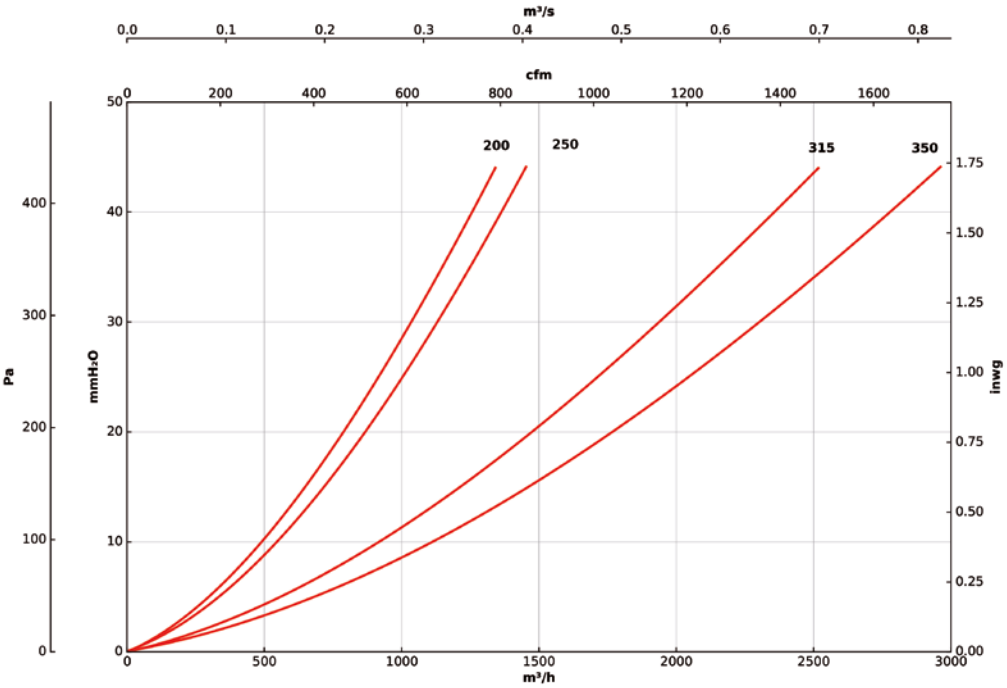
Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CGR-UVc-F7+F9



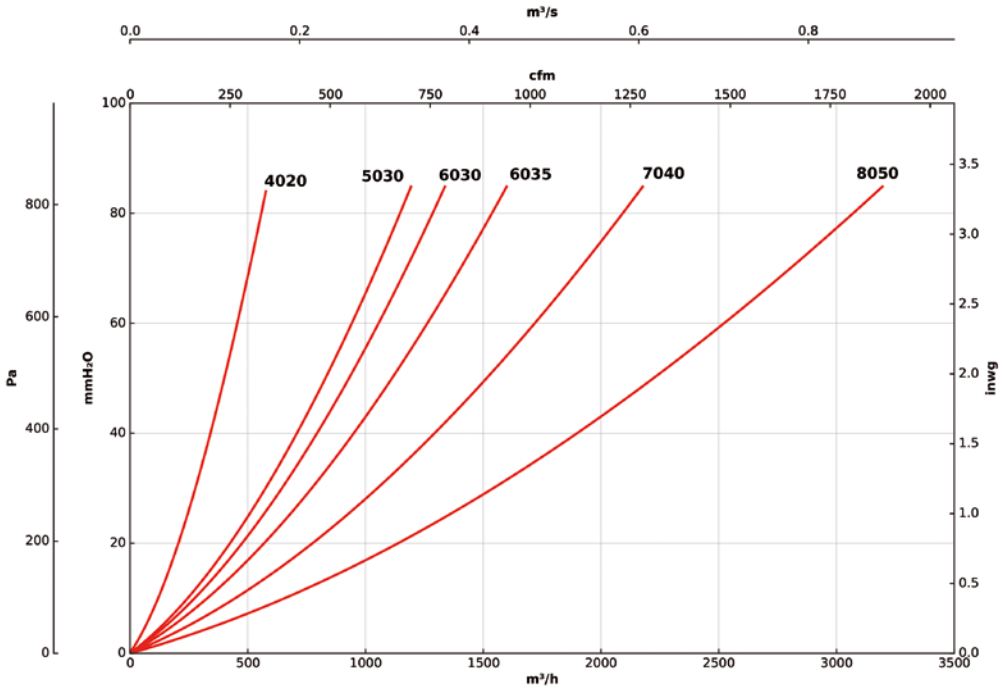
CG/LP-UVc-F7+F9



Load loss characteristic curves

Q= Flow rate in m³/h, m³/s and cfm Pe= Static pressure in mm H_2O, Pa and inwg

CGR-UVc-F7+HEPA H14



CG/LP-UVc-F7+HEPA H14