



Series CF y CFC
Centrales Frigoríficas

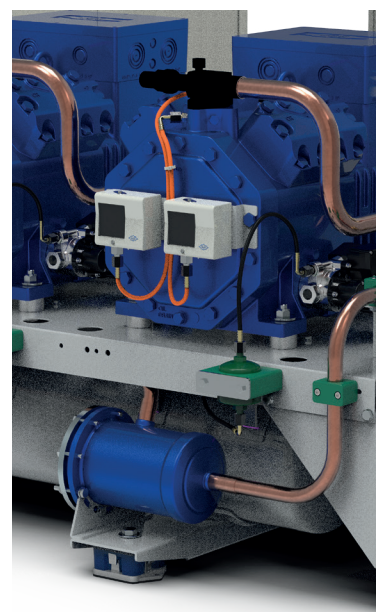
COMPACTA

CON DOS O TRES COMPRESORES

CENTRALES FRIGORÍFICAS compactas para refrigeración comercial e industrial con 2 ó 3 compresores Bock semiherméticos.

Disponibles en formato abierto, carrozado y condensador carrozado.

- 2 o 3 compresores semiherméticos Bock.
- Válvulas de retención en cada descarga individual.
- Válvula de retención en descarga general.
- Colector de alta presión y separador de aceite combinados.
- Depósito de líquido de 30L en los modelos de 2 compresores.
- Depósito de líquido de 45L en los modelos de 3 compresores.
- Presostatos de alta y baja presión para cada compresor.
- Nivel de aceite electrónico, filtro de aceite mecánico por cada compresor.
- Transductores de alta y baja presión.
- Filtro deshidratador de núcleo reemplazable y visor de líquido.
- Cuadro eléctrico integrado con unidad de control electrónico.
- Carrozado opcional de acero galvanizado con pintura al polvo con condensador axial o sin condensador para aplicaciones en exterior.
- OPCIONAL: desescarche por gas caliente.



Opcional



Con 2 Compresores Bock



CF	Compresor X2		Potencia Frigorífica (kW)				Condensador Axial				Plano	
	400 V-III-50 Hz		Temperatura media de evaporación				MODELO CENTRAL CONDENSADORA	Ventilador	Caudal Máx.			
	Semihermético Bock											
	QV m3/h	Modelo	5°C	0°C	-5°C	-10°C		EC (Ømm)	m3/h	Nº		
ALTA Tª.	CF230.HGX22e/160-4	13,70	HGX22e/160-4	R134a / R513a	12,74	10,24	8,04	6,14	CFC230.HGX22e/160-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX22e/190-4	16,50	HGX22e/190-4		19,60	15,98	12,80	10,02	CFC230.HGX22e/190-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/215-4	18,80	HGX34e/215-4		21,40	16,98	13,28	10,12	CFC230.HGX34e/215-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/255-4	22,10	HGX34e/225-4		25,80	20,60	16,18	12,36	CFC230.HGX34e/225-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/315-4	27,30	HGX34e/315-4		31,40	25,20	19,86	15,34	CFC230.HGX34e/315-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/380-4	33,10	HGX34e/380-4		38,40	31,20	25,00	19,42	CFC230.HGX34e/380-4.2C1	1x Ø 630	20.000	2C1
	CF245.HGX44e/475-4	41,30	HGX44e/475-4		49,00	39,80	31,80	25,00	CFC230.HGX44e/475-4.2C1	1x Ø 630	20.000	2C1
	CF245.HGX44e/565-4	49,20	HGX44e/565-4		58,60	47,60	38,20	30,20	CFC230.HGX44e/565-4.2C1	1x Ø 630	20.000	2C1
	CF245.HGX44e/665-4	57,70	HGX44e/665-4		70,00	56,60	45,20	35,40	CFC230.HGX44e/665-4.2C1	1x Ø 630	20.000	2C1
MEDIA Tª.		QV m3/h	Modelo		0°C	-5°C	-10°C	-15°C		EC (Ømm)	m3/h	Nº
	CF230.HGX22e/125-4	11,10	HGX22e/125-4	R449a / R448a	16,58	13,36	10,62	8,34	CFC230.HGX22e/125-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX22e/160-4	13,70	HGX22e/160-4		20,40	16,30	12,98	10,20	CFC230.HGX22e/160-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX22e/190-4	16,50	HGX22e/190-4		25,20	20,60	16,62	13,32	CFC230.HGX22e/190-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/215-4	18,80	HGX34e/215-4		26,80	21,20	16,52	12,62	CFC230.HGX34e/215-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/255-4	22,10	HGX34e/225-4		31,80	25,80	20,60	15,96	CFC230.HGX34e/225-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/315-4	27,30	HGX34e/315-4		40,00	32,00	25,40	19,72	CFC230.HGX34e/315-4.2C1	1x Ø 630	20.000	2C1
	CF230.HGX34e/380-4	33,10	HGX34e/380-4		48,20	39,00	31,20	24,80	CFC230.HGX34e/380-4.2C2	2x Ø 630	40.000	2C2
CF245.HGX44e/475-4	41,30	HGX44e/475-4	62,80		50,80	40,60	32,00	CFC230.HGX44e/475-4.2C2	2x Ø 630	40.000	2C2	
CF245.HGX44e/565-4	49,20	HGX44e/565-4	75,00	60,80	48,80	38,60	CFC230.HGX44e/565-4.2C2	2x Ø 630	40.000	2C2		
	CF245.HGX44e/665-4	57,70	HGX44e/665-4		87,20	70,60	56,40	44,40	CFC230.HGX44e/665-4.2C2	2x Ø 630	40.000	2C2
BAJA Tª.		QV m3/h	Modelo		-20°C	-25°C	-30°C	-35°C		EC (Ømm)	m3/h	Nº
	CF230.HGX22e/160-4	13,70	HGX22e/160-4	R449a / R448a	7,88	5,94	4,32*	2,94*	CFC230.HGX22e/160-4.2C1	1x Ø 500	20.000	2C1
	CF230.HGX22e/190-4	16,50	HGX22e/190-4		10,54	8,20	6,18*	4,40*	CFC230.HGX22e/190-4.2C1	1x Ø 500	20.000	2C1
	CF230.HGX34e/215-4	18,80	HGX34e/215-4		9,38	6,74	4,64*	3,02*	CFC230.HGX34e/215-4.2C1	1x Ø 500	20.000	2C1
	CF230.HGX34e/255-4	22,10	HGX34e/225-4		12,14	8,94	6,28*	4,12*	CFC230.HGX34e/225-4.2C1	1x Ø 500	20.000	2C1
	CF230.HGX34e/315-4	27,30	HGX34e/315-4		15,04	11,08	7,90*	5,14*	CFC230.HGX34e/315-4.2C1	1x Ø 500	20.000	2C1
	CF230.HGX34e/380-4	33,10	HGX34e/380-4		19,12	14,44	10,44*	7,00*	CFC230.HGX34e/380-4.2C1	1x Ø 500	20.000	2C1
	CF245.HGX44e/475-4	41,30	HGX44e/475-4		24,80	18,68	13,60*	9,28*	CFC230.HGX44e/475-4.2C1	1x Ø 630	20.000	2C1
CF245.HGX44e/565-4	49,20	HGX44e/565-4	30,20		23,00	16,76*	11,58*	CFC230.HGX44e/565-4.2C1	1x Ø 630	20.000	2C1	
	CF245.HGX44e/665-4	57,70	HGX44e/665-4		34,40	25,80	18,70*	12,68*	CF230.HGX44e/665-4.2C1	1x Ø 630	20.000	2C1

Condiciones según norma UNE-EN 13215:

Tª ambiente 32 °C, Tª media de evaporación de -10 °C (MT) y -30 °C (BT), sobrecalentamiento 10 K y subenfriamiento 3K.

*Refrigeración adicional o temperatura de gas aspirado reducida.

Para otras potencias consultar a nuestros agentes de ventas.



Con 3 Compresores Bock

CF

Compresor X3

Potencia
Frigorífica (kW)Condensador
Axial

Plano

400 V-III-50 Hz

Semihermético
BockTemperatura media
de evaporaciónMODELO
CENTRAL
CONDENSADORA

Ventilador

Caudal
Máx.QV m³/h Modelo

5°C 0°C -5°C -10°C

EC (Ømm) m³/h N°

ALTA Tª.

CF345.HGX22e/160-4	13,70	HGX22e/160-4	R134a / R513a	19,11	15,36	12,06	9,21	CFC345.HGX22e/160-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX22e/190-4	16,50	HGX22e/190-4		29,40	23,97	19,20	15,03	CFC345.HGX22e/190-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/215-4	18,80	HGX34e/215-4		32,10	25,47	19,92	15,18	CFC345.HGX34e/215-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/255-4	22,10	HGX34e/225-4		38,70	30,90	24,27	18,54	CFC345.HGX34e/225-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/315-4	27,30	HGX34e/315-4		47,10	37,80	29,79	23,01	CFC345.HGX34e/315-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/380-4	33,10	HGX34e/380-4		57,60	46,80	37,50	29,13	CFC345.HGX34e/380-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX44e/475-4	41,30	HGX44e/475-4		73,50	59,70	47,70	37,50	CFC345.HGX44e/475-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX44e/565-4	49,20	HGX44e/565-4		87,90	71,40	57,30	45,30	CFC345.HGX44e/565-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX44e/665-4	57,70	HGX44e/665-4		105,00	84,90	67,80	53,11	CFC345.HGX44e/665-4.2C1	2x Ø 630	40.000	2C2

MEDIA Tª.

CF345.HG22e/125-4	11,10	HGX22e/125-4	R449a / R448a	24,87	20,04	15,93	12,51	CFC345.HGX22e/125-4.2C1	2x Ø 630	40.000	2C2
CF345.HG22e/160-4	13,70	HGX22e/160-4		30,60	24,45	19,47	15,30	CFC345.HGX22e/160-4.2C1	2x Ø 630	40.000	2C2
CF345.HG22e/190-4	16,50	HGX22e/190-4		27,80	30,90	14,98	19,98	CFC345.HGX22e/190-4.2C1	2x Ø 630	40.000	2C2
CF345.HG34e/215-4	18,80	HGX34e/215-4		40,20	31,80	24,78	18,93	CFC345.HGX34e/215-4.2C1	2x Ø 630	40.000	2C2
CF345.HG34e/255-4	22,10	HGX34e/225-4		47,70	38,70	30,90	23,94	CFC345.HGX34e/225-4.2C1	2x Ø 630	40.000	2C2
CF345.HG34e/315-4	27,30	HGX34e/315-4		60,00	48,00	38,10	29,58	CFC345.HGX34e/315-4.2C1	2x Ø 630	40.000	2C2
CF345.HG34e/380-4	33,10	HGX34e/380-4		72,30	58,50	46,80	37,20	CFC345.HGX34e/380-4.2C2	3x Ø 630	60.000	2C3
CF345.HG44e/475-4	41,30	HGX44e/475-4		94,20	76,20	60,09	48,00	CFC345.HGX44e/475-4.2C2	3x Ø 630	60.000	2C3
CF345.HG44e/565-4	49,20	HGX44e/565-4		112,50	91,20	73,20	57,90	CFC345.HGX44e/565-4.2C2	3x Ø 630	60.000	2C3
CF345.HG44e/665-4	57,70	HGX44e/665-4		130,80	105,90	84,60	66,60	CFC345.HGX44e/665-4.2C2	3x Ø 630	60.000	2C3

BAJA Tª.

CF345.HGX22e/160-4	13,70	HGX22e/160-4	R449a / R448a	11,82	8,91	6,48*	4,41*	CFC345.HGX22e/160-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX22e/190-4	16,50	HGX22e/190-4		15,81	12,30	9,27*	6,60*	CFC345.HGX22e/190-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/215-4	18,80	HGX34e/215-4		14,07	10,11	6,96*	4,53*	CFC345.HGX34e/215-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/255-4	22,10	HGX34e/225-4		18,21	13,41	9,42*	6,18*	CFC345.HGX34e/225-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/315-4	27,30	HGX34e/315-4		22,56	16,62	11,85*	7,71*	CFC345.HGX34e/315-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX34e/380-4	33,10	HGX34e/380-4		28,68	21,66	15,66*	10,50*	CFC345.HGX34e/380-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX44e/475-4	41,30	HGX44e/475-4		37,20	28,02	20,40*	13,92*	CFC345.HGX44e/475-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX44e/565-4	49,20	HGX44e/565-4		45,30	34,50	25,14*	17,37*	CFC345.HGX44e/565-4.2C1	2x Ø 630	40.000	2C2
CF345.HGX44e/665-4	57,70	HGX44e/665-4		51,60	38,70	28,05*	19,02*	CFC345.HGX44e/665-4.2C1	2x Ø 630	40.000	2C2

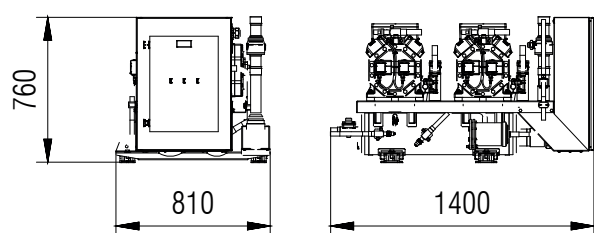
Condiciones según norma UNE-EN 13215:

Tª ambiente 32 °C, Tª media de evaporación de -10 °C (MT) y -30 °C (BT), sobrecalentamiento 10 K y subenfriamiento 3K.

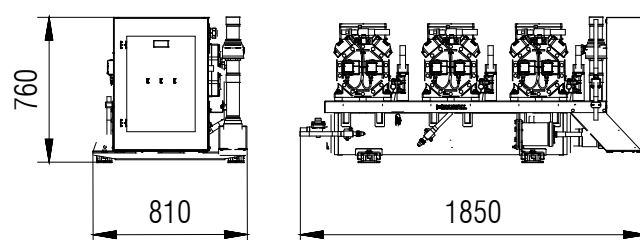
* Refrigeración adicional o temperatura de gas aspirado reducida.

Para otras potencias consultar a nuestros agentes de ventas.

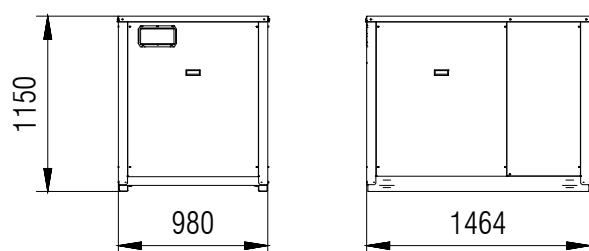
CF230



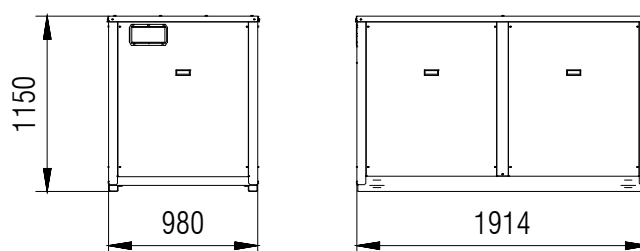
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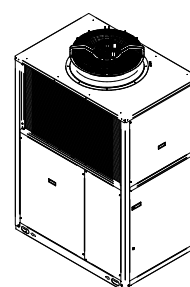
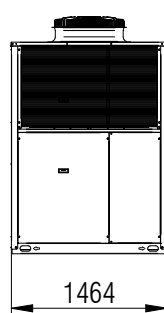
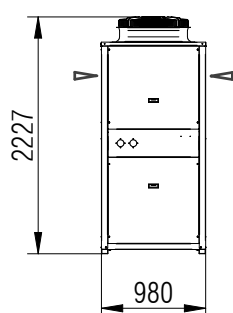
CF-C-230



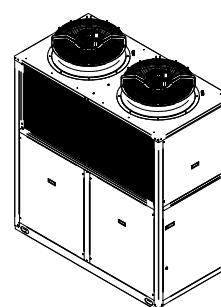
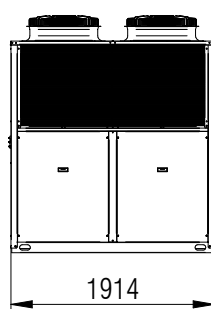
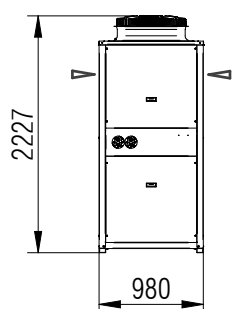
CF-C-345



CF-C...2C1



CF-C...2C2



CF-C...2C3

