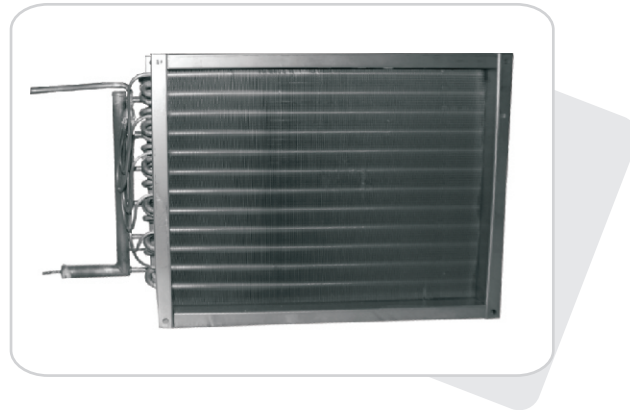


CF



INTENDED USE

Freon fin coolers are used to cool the air in the ventilating and air condition systems, they can be used as well for cooling individual compartments (zones) of the building.

UNIT DESCRIPTION

Series of types contain 16 standard dimensions with the dimensions from 40x20 cm to 200x100 cm.

The cooler is composed of:

- frame with collars
- fin heat exchanger made of copper pipes $\varnothing 12$ and the aluminum fins with the spacing $s=2\text{mm}$
- collectors and copper connectors

WORKING CONDITIONS

Cooling efficiency of Freon fin coolers is achieved at the following working parameters:

- vaporization temperature from 5°C to 6°C
- Temperature of air flowing on coolers: between 20°C and 30°C
- Flowing air speed from 2m/s to 4m/s
- Freon cooler operation at the other working parameters require contact with the manufacturer in order to calculate its cooling efficiency

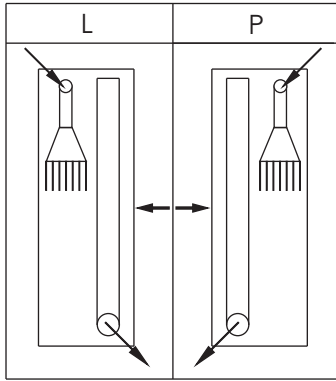
Maximal working pressure: 2,4 MPa (24 bar)

DESIGNATIONS

Freon cooler	CF	G12 / 2.0 / CA - 80x40 / IV / 4 - V - L - 15 / 28
Cooler type		
Technology	G12;	
Fins sapcing		
Pipes and fins material	for G12 - CA; CE;	
Dimensions	B x H (cm)	
Number of rows		
Manufacturer designation		
Working position	vertical(V);	
Version	lewe (L); prawe (P)	
Connectors	Dn_supply	
Connectors	Dn_return	

CF FREON COOLERS

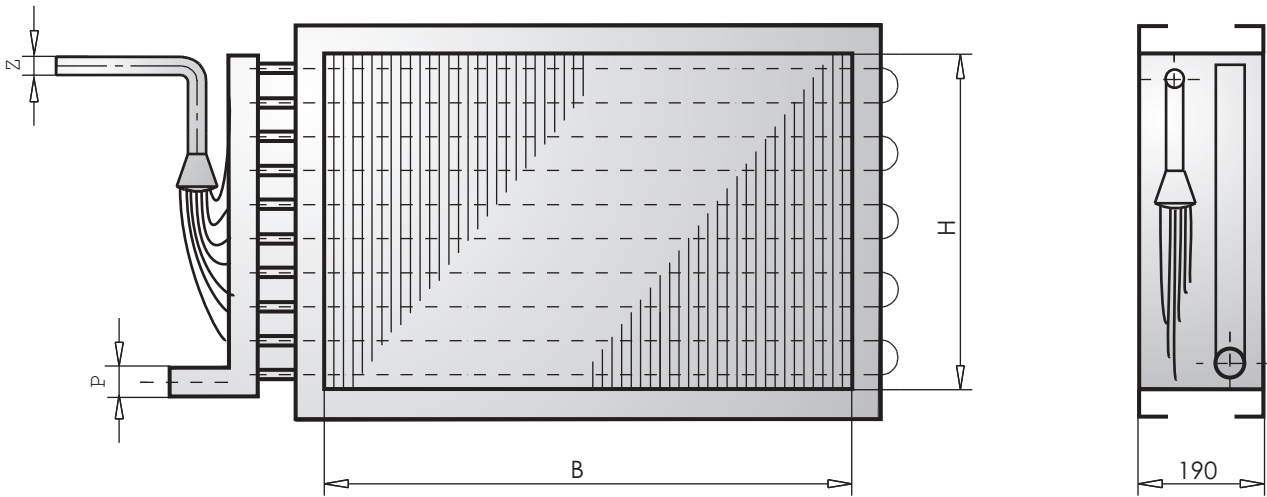
Determination of the cooler version



- air flow direction
- ↗ heating medium flow direction
- L left version
- P right version

TECHNICAL DATA

Basic dimensions



Cooler type	B [mm]	H [mm]	Z* [mm]	P* [mm]	Weight [kg]
CF G12/2,0/CA-40x20	400	200	10	16	9,5
CF G12/2,0/CA-40x24	400	240	12	22	10,5
CF G12/2,0/CA-40x40	400	400	16	22	15
CF G12/2,0/CA-50x24	500	240	12	22	12
CF G12/2,0/CA-50x40	500	400	16	28	18
CF G12/2,0/CA-50x48	500	480	16	28	21
CF G12/2,0/CA-80x40	800	400	16	35	26
CF G12/2,0/CA-80x48	800	480	16	35	30
CF G12/2,0/CA-80x80	800	800	22	42	46
CF G12/2,0/CA-100x48	1000	480	22	42	35
CF G12/2,0/CA-100x80	1000	800	22	54	48
CF G12/2,0/CA-100x100	1000	1000	28	54	69
CF G12/2,0/CA-125x100	1250	1000	35	54	82
CF G12/2,0/CA-160x100	1600	1000	35	64	101
CF G12/2,0/CA-160x160	1600	1600	35	76	164
CF G12/2,0/CA-200x100	2000	1000	35	64	122

* - outer diameter of copper connectors.

CF G12/2,0/CA-40x20/IV/i-V-(L/P)-8/15 cooler parameters

Air flow [m³/h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [I]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
575	2	76	25	50	13,6	91	2,7	61	2,5	2
575	2	81	30	50	15,7	92	4,4	100	6,7	2
865	3	151	25	50	15,0	87	3,3	76	3,9	2
865	3	181	30	50	17,3	87	5,6	129	10,7	2
1150	4	246	25	50	16,1	84	3,8	86,5	5,1	2
1150	4	297	30	50	18,6	85	6,4	144	14,3	2
Medium R407c, T₀=6°C										
575	2	73	25	50	14,2	90	2,4	54	2	2
575	2	89	30	50	16,2	90	4,0	90	5,7	2
865	3	144	25	50	15,6	86	2,9	65	3	2
865	3	176	30	50	17,9	87	5,0	112	9	2
1150	4	231	25	50	16,5	84	3,3	75,6	3,9	2
1150	4	289	30	50	19,1	84	5,8	133	11,9	2

CF G12/2,0/CA-40x24/IV/i-V-(L/P)-10/20 cooler parameters

Air flow [m³/h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [I]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
720	2	70	25	50	13,9	90	3,3	76	3,9	2
720	2	81	30	50	15,7	90	5,4	122,5	10,3	2
1080	3	139	25	50	15,1	87	4,1	94	5,9	2
1080	3	164	30	50	17,3	87	6,8	156	16,4	2
1440	4	223	25	50	15,9	83	4,7	86,5	7,8	2
1440	4	270	30	50	18,4	85	7,9	183	21,9	2
Medium R407c, T₀=6°C										
720	2	78	25	50	14,3	91	2,9	65	3,0	2
720	2	94	30	50	16,2	91	5,0	115	8,7	2
1080	3	154	25	50	15,6	87	3,6	85	4,6	2
1080	3	189	30	50	17,9	87	6,2	144	13,7	2
1440	4	249	25	50	16,6	83	4,1	75,6	5,9	2
1440	4	311	30	50	19,2	84	7,2	172	18,2	2

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

CF G12/2,0/CA-40x40/IV/i-V-(L/P)-15/20 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [1]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
1152	2	77	25	50	13,4	92	5,5	123	10,7	2
1152	2	89	30	50	15,2	92	8,9	198	28,2	2
1728	3	153	25	50	14,8	87	6,9	152	16,7	2
1728	3	181	30	50	17,3	87	11,0	156	10,7	4
2304	4	248	25	50	15,8	84	7,9	176	22,1	2
2304	4	297	30	50	18,6	84	12,7	300	14,3	4
Medium R407c, T₀=6°C										
1152	2	73	25	50	14,0	92	3,0	65	8,5	2
1152	2	88	30	50	15,9	90	8,0	183	23,9	2
1728	3	145	25	50	15,3	88	6,1	133	13	2
1728	3	176	30	50	17,9	87	10,1	144	9	4
2304	4	235	25	50	16,3	84	7,0	151	17	2
2304	4	289	30	50	19,1	84	11,6	273	11,9	4

CF G12/2,0/CA-50x24/IV/i-V-(L/P)-10/20 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [1]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
900	2	82	25	50	13,6	91	4,2	97	6,2	2
900	2	96	30	50	15,5	91	6,8	158	16,4	2
1350	3	163	25	50	15,0	87	5,2	122	9,5	2
1350	3	194	30	50	17,3	87	8,6	201	26,3	2
1800	4	265	25	50	16,0	84	5,9	142	12,5	2
1800	4	320	30	50	18,6	85	10	235	35	2
Medium R407c, T₀=6°C										
900	2	78	25	50	14,2	91	3,7	87	4,9	2
900	2	94	30	50	16,2	91	6,3	147	13,9	2
1350	3	155	25	50	15,5	87	4,6	108	7,4	2
1350	3	190	30	50	17,9	87	7,9	186	21,9	2
1800	4	250	25	50	16,5	85	5,2	124	9,6	2
1800	4	311	30	50	19,1	85	9,4	216	29,2	2

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

CF G12/2,0/CA-50x40/IV/i-V-(L/P)-15/25 cooler parameters

Air flow [m³/h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
1440	2	77	25	50	13,3	92	6,9	154	17,0	2
1440	2	89	30	50	15,4	92	10,9	248	10,7	4
2160	3	153	25	50	14,7	87	8,6	198	26,5	2
2160	3	181	30	50	17,2	87	14,2	324	17,1	4
2880	4	249	25	50	15,7	85	9,8	223	35,1	2
2880	4	298	30	50	18,5	85	16,1	380	23,0	4
Medium R407c, T₀=6°C										
1440	2	74	25	50	14,0	90	6,0	137	13,4	2
1440	2	88	30	50	16,1	90	10,0	227	9,1	4
2160	3	146	25	50	15,3	86	7,5	169	20,7	2
2160	3	177	30	50	17,8	87	13,0	300	14,3	4
2880	4	236	25	50	16,2	85	8,6	197	27,1	2
2880	4	290	30	50	19,0	85	15,1	345	19,1	4

CF G12/2,0/CA-50x48/IV/i-V-(L/P)-15/32 cooler parameters

Air flow [m³/h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
1800	2	82	25	50	13,4	91	8,5	201	25,9	2
1800	2	96	30	50	15,5	91	13,6	324	16,4	4
2700	3	163	25	50	15,0	87	10,4	255	9,5	4
2700	3	194	30	50	17,3	87	17,2	417	26,1	4
3600	4	265	25	50	16,0	84	11,9	295	12,5	4
3600	4	320	30	50	19,1	86	19,9	495	35,1	4
Medium R407c, T₀=6°C										
1800	2	79	25	50	14,1	91	7,6	176	20,5	2
1800	2	94	30	50	16,2	91	12,6	295	13,9	4
2700	3	155	25	50	15,5	87	9,2	223	7,4	4
2700	3	190	30	50	17,9	87	15,8	385	21,9	4
3600	4	250	25	50	16,5	84	10,4	259	9,6	4
3600	4	311	30	50	18,2	84	18,4	453	29,2	4

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

CF G12/2,0/CA-80x40/IV/i-V-(L/P)-15/32 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
2304	2	77	25	50	13,4	92	11,0	255	10,7	4
2304	2	89	30	50	15,3	92	17,8	324	28,2	4
3456	3	153	25	50	14,7	87	13,7	338	16,7	4
3456	3	180	30	50	16,9	87	21,7	529	6,7	10
4608	4	248	25	50	15,6	83	15,8	381	22,1	4
4608	4	296	30	50	18,0	84	25,0	637	8,9	10
Medium R407c, T₀=6°C										
2304	2	73	25	50	14,0	92	9,8	226	8,5	4
2304	2	88	30	50	15,9	92	16,5	378	23,9	4
3456	3	145	25	50	15,3	88	12,2	284	13,0	4
3456	3	162	30	50	18,0	87	19,9	496	5,6	10
4608	4	235	25	50	16,3	84	13,9	334	17,0	4
4608	4	288	30	50	19,2	84	22,9	579	7,4	10

CF G12/2,0/CA-80x48/IV/i-V-(L/P)-15/32 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
2880	2	82	25	50	13,5	91	13,6	327	16,4	4
2880	2	96	30	50	15,8	91	21,2	525	4,4	12
4320	3	164	25	50	14,9	87	16,9	421	25,4	4
4320	3	193	30	50	17,6	87	26,6	684	6,9	12
5760	4	267	25	50	15,9	84	19,4	478	33,5	4
5760	4	318	30	50	18,5	86	30,6	795	9,2	12
Medium R407c, T₀=6°C										
2880	2	79	25	50	14,1	91	12,1	291	8,3	4
2880	2	94	30	50	16,4	91	19,5	482	22,9	12
4320	3	156	25	50	15,4	87	15,0	374	13,2	4
4320	3	189	30	50	18,2	86	24,3	630	38,1	12
5760	4	252	25	50	16,4	84	17,1	417	4,1	4
5760	4	309	30	50	19,4	83	28,0	723	12,6	12

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

CF G12/2,0/CA-80x80/IV/i-V-(L/P)-20/40 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
4608	2	77	25	50	13,4	92	22,0	525	10,7	8
4608	2	89	30	50	15,2	92	35,7	846	28,2	8
6912	3	153	25	50	14,8	87	27,5	673	16,7	8
6912	3	181	30	50	17,1	88	44,9	1098	28,6	10
9216	4	248	25	50	15,9	85	31,2	760	13,8	10
9216	4	298	30	50	18,4	84	52,2	1267	38,6	10
Medium R407c, T₀=6°C										
4608	2	73	25	50	14,0	92	19,6	468	8,5	8
4608	2	88	30	50	15,8	91	33,0	777	23,9	8
6912	3	145	25	50	15,3	88	24,3	594	13,0	8
6912	3	177	30	50	17,7	88	41,3	1008	24,0	10
9216	4	234	25	50	16,3	84	27,5	666	10,6	10
9216	4	291	30	50	18,9	84	47,8	1170	32,2	10

CF G12/2,0/CA-100x48/IV/i-V-(L/P)-20/40 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
3600	2	82	25	50	13,4	91	17,1	403	25,9	4
3600	2	96	30	50	15,5	91	27,2	652	16,4	8
5400	3	163	25	50	15,0	87	20,7	514	9,5	8
5400	3	194	30	50	17,3	87	34,4	846	26,1	8
7200	4	265	25	50	16,0	84	23,7	598	12,5	8
7200	4	320	30	50	18,6	84	39,8	990	35,1	8
Medium R407c, T₀=6°C										
3600	2	79	25	50	14,1	91	15,3	360	20,5	4
3600	2	94	30	50	16,2	91	25,1	604	13,9	8
5400	3	155	25	50	15,5	87	18,3	457	7,4	8
5400	3	190	30	50	17,9	87	31,6	777	21,9	8
7200	4	250	25	50	16,5	84	20,9	525	9,6	8
7200	4	311	30	50	19,1	84	36,4	918	29,2	8

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

CF G12/2,0/CA-100x80/IV/i-V-(L/P)-20/50 cooler parameters

Air flow [m³/h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
5760	2	77	25	50	13,3	92	27,7	644	17,0	8
5760	2	89	30	50	15,2	91	44,6	1044	28,2	10
8640	3	153	25	50	14,8	87	34,3	828	16,7	10
8640	3	181	30	50	17,3	87	54,9	1357	10,7	20
11520	4	248	25	50	15,8	84	39,4	965	22,1	10
11520	4	297	30	50	18,6	86	63,6	1612	14,3	20
Medium R407c, T₀=6°C										
5760	2	74	25	50	14,0	92	24,7	572	13,4	8
5760	2	88	30	50	15,9	92	41,2	964	23,9	10
8640	3	145	25	50	15,3	88	32,0	734	13,0	10
8640	3	176	30	50	17,9	87	54,4	1249	9,0	20
11520	4	235	25	50	16,3	84	37,0	850	17,0	10
11520	4	289	30	50	19,1	84	58,2	1490	11,9	20

CF G12/2,0/CA-100x100/IV/i-V-(L/P)-25/50 cooler parameters

Air flow [m³/h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
7200	2	77	25	50	13,3	91	35,0	805	17,0	10
7200	2	89	30	50	15,5	91	56,7	1305	6,7	25
10800	3	153	25	50	14,7	88	45,0	1035	26,5	10
10800	3	181	30	50	17,3	88	74,0	1696	10,7	25
14400	4	249	25	50	15,7	85	52,5	1206	35,1	10
14400	4	297	30	50	18,6	86	87,5	2015	14,3	25
Medium R407c, T₀=6°C										
7200	2	74	25	50	14,0	92	30,9	723	13,4	10
7200	2	87	30	50	16,2	91	50,2	1200	5,7	25
10800	3	146	25	50	15,3	88	38,4	918	20,7	10
10800	3	176	30	50	17,9	87	63,0	1561	9,0	25
14400	4	236	25	50	16,2	84	43,9	1062	27,1	10
14400	4	289	30	50	19,1	84	72,7	1862	11,9	25

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

CF G12/2,0/CA-125x100/IV/i-V-(L/P)-32/50 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
9000	2	77	25	50	13,3	92	43,5	1018	26,8	10
9000	2	89	30	50	15,4	92	68,7	1634	10,7	25
13500	3	152	25	50	14,9	87	52,4	1310	6,2	25
13500	3	181	30	50	17,2	87	86,8	2142	17,1	25
18000	4	247	25	50	16,0	84	60,0	1519	8,2	25
18000	4	298	30	50	18,5	84	101,0	2510	23,0	25
Medium R407c, T₀=6°C										
9000	2	74	25	50	13,9	91	38,9	892	21,3	10
9000	2	88	30	50	16,1	91	63,4	1515	9,19	25
13500	3	144	25	50	15,5	88	46,3	1148	4,8	25
13500	3	177	30	50	17,8	88	79,8	1951	14,3	25
18000	4	233	25	50	16,4	86	52,7	1354	6,3	25
18000	4	290	30	50	19,0	86	92,2	2296	19,1	25

CF G12/2,0/CA-160x100/IV/i-V-(L/P)-32/65 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
11520	2	76	25	50	13,5	91	54,4	1310	6,7	25
11520	2	89	30	50	15,3	91	88,6	1919	17,8	25
17280	3	153	25	50	14,9	87	68,0	1522	10,5	25
17280	3	181	30	50	17,1	87	112,3	2739	28,6	25
23040	4	248	25	50	15,9	84	78,0	1972	13,8	25
23040	4	298	30	50	18,4	84	130,4	3171	38,6	25
Medium R407c, T₀=6°C										
11520	2	73	25	50	14,1	91	51,0	1170	5,3	25
11520	2	88	30	50	16,0	91	85,0	1767	15,1	25
17280	3	145	25	50	15,4	88	65,0	1490	8,2	25
17280	3	177	30	50	17,7	88	110,0	2527	24,0	25
23040	4	234	25	50	16,3	86	75,7	1739	10,6	25
23040	4	291	30	50	18,9	85	126,0	2895	32,2	25

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$

NW FRAME WATER HEATERS

CF G12/2,0/CA-160x160/IV/i-V-(L/P)-32/80 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
17280	2	77	25	50	13,3	92	89,0	1958	28,2	20
17280	2	89	30	50	15,3	92	141,8	3157	17,8	40
25920	3	153	25	50	14,9	87	108,7	2509	10,5	40
25920	3	181	30	50	17,1	88	179,7	4122	28,6	40
34560	4	248	25	50	15,9	84	124,8	2973	13,8	40
34560	4	298	30	50	18,4	84	208,7	4748	38,6	40
Medium R407c, T₀=6°C										
17280	2	74	25	50	13,9	92	76,0	1746	22,3	20
17280	2	88	30	50	16,0	92	127,0	2916	15,1	40
25920	3	145	25	50	15,4	87	97,0	2228	8,2	40
25920	3	177	30	50	17,7	88	165,0	3787	24,0	40
34560	4	234	25	50	16,3	84	113,6	2610	10,6	40
34560	4	291	30	50	18,9	84	189,0	4341	32,2	40

CF G12/2,0/CA-200x100/IV/i-V-(L/P)-32/65 cooler parameters

Air flow [m ³ /h]	Air inflow speed [m/s]	Air pressure drop [Pa]	Air at inlet		Air at outlet		Power [kW]	Medium flow [kg/h]	Medium pressure drop [kPa]	Manufacturer designation [i]
			temp. [°C]	humidity [%RH]	temp. [°C]	humidity [%RH]				
Medium R407c, T₀=5°C										
14400	2	77	25	50	13,4	92	68,7	1656	10,7	25
14400	2	89	30	50	15,2	92	111,5	2602	28,2	25
21600	3	153	25	50	14,8	87	85,8	2074	16,7	25
21600	3	181	30	50	17,3	87	137,3	3387	10,7	50
28800	4	248	25	50	15,8	84	98,6	1972	22,1	25
28800	4	297	30	50	18,6	84	159	3827	14,3	50
Medium R407c, T₀=6°C										
14400	2	73	25	50	14,0	92	61,3	1469	8,5	25
14400	2	88	30	50	15,9	92	103,0	2412	23,9	25
21600	3	145	25	50	15,3	88	76,0	1836	13,0	25
21600	3	176	30	50	17,9	87	126,1	2527	9,0	50
28800	4	235	25	50	16,3	84	86,9	2124	17,0	25
28800	4	289	30	50	19,1	85	145,4	3675	11,9	50

Corrective factors of coolers efficiency

Efficiency factor for	Factor
R410a	1,01
R134a	0,93
R404a	1
R507a	0,97

The example of conversion $Q_{R410} = Q_{R407} \times 1,01$