



FK(G)

Gravity coils

General information & application

Fincoil FK(G) gravity coils are used in cold rooms with temperatures above +2°C. If required, the air coolers can be provided with electric defrost making them suitable for subzero applications. The low air velocity guarantees draft-free conditions with minimum weight loss of products. The smallest sizes are applicable in small cold rooms and cold stores, e.g. for greenhouses and vegetables. Larger models can be used for cooling industrial cold stores.

Refrigerants	all H(C)FC, brine (FKG)
Capacities	0.2 up to 4.0 kW

Standard features

- Finned coil made of copper tubes and aluminium fins, specially designed for low air velocities. The 1/2" tube diameter enables a small refrigerant filling. The 7.5 mm fin spacing ensures an optimized air flow with reference to heat transfer capacity.
- All cooler components sustain corrosion well.
- Easy to assemble drip tray construction. Distance between coil and drip tray freely adjustable.
- Collector tray may be mounted on either side of the cooler. Natural inclination of the collector tray enables effective drainage and prevents the drain outlet from fouling.
- The suspension distance from the ceiling is easily adjustable.
- Stepped drip tray slats guarantee smooth air flow, even if the drip tray is installed close to the coil.
- Units are packed in handy cardboard cases (up to size 8200). Bigger units are packed in wooden crates.
- A manual including installation and service instructions is shipped with each unit



FK

Design pressure

Design pressure 26 bar (H(C)FC) or 6 bar (brine). Each heat exchanger is leak tested with dry air. DX models are supplied with a nitrogen pre-charge.

Benefits

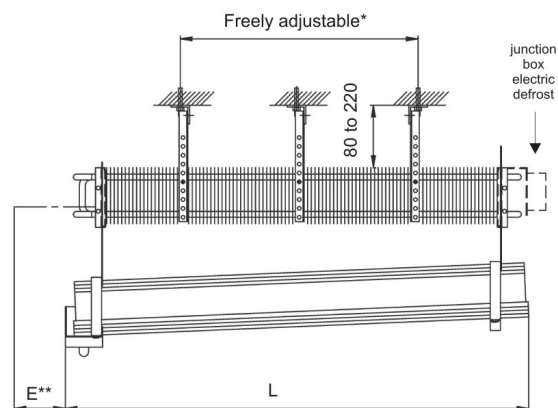
- The low air velocity guarantees draft-free conditions with minimum product weight loss.
- Heavy duty materials, resulting in a long operational product life.
- Reliable performance.
- Easy-install & maintenance. Easy to remove slats & collector tray, no special tools required.
- Energy efficient. Low total cost of ownership.
- One full year product guarantee.
- Easy access to additional on-line product information (QR code)



Dimensions & weights

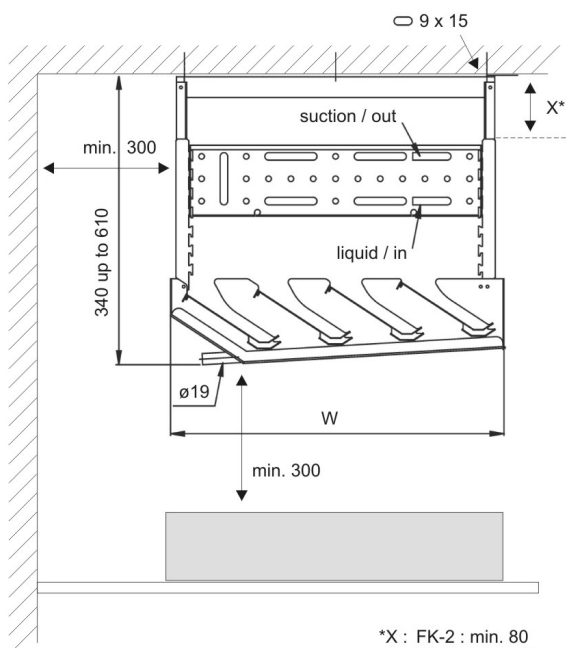
Coil size	Capacity W		Surface area	Dimensions		Tube conn.		Int. vol.	Net weight
	DT1			L	W	in	out		
	10K	8K	m ²	mm	mm	mm	mm	l	kg
260	180	127	4.2	810	320	12	12	0.6	5
280	238	168	5.5	1010	320	12	12	0.7	6
2100	299	211	6.9	1210	320	12	12	0.9	7
2120	359	254	8.4	1410	320	12	12	1	8
460	299	212	7.0	810	470	12	12	1	8
480	397	281	9.2	1010	470	12	12	1.2	9
4100	498	352	11.6	1210	470	12	12	1.5	11
4120	599	423	13.9	1410	470	12	12	1.7	12
4160	797	564	18.5	1810	470	12	12	2.3	15
4200	996	704	23.2	2210	470	12	12	2.8	18
4270	1347	953	31.3	2910	470	12	12	3.7	24
560	389	275	9.1	810	600	12	12	1.3	11
580	516	365	12.0	1010	600	12	12	1.6	13
5100	647	458	15.1	1210	600	12	12	1.9	15
5120	779	550	18.1	1410	600	12	12	2.3	16
5160	1036	733	24.1	1810	600	12	12	2.9	20
5200	1294	915	30.1	2210	600	12	12	3.6	24
5270	1752	1238	40.7	2910	600	12	12	4.8	32
8100	996	704	23.2	1210	875	12	12	3	21
8120	1198	847	27.9	1410	875	12	12	3.5	24
8160	1595	1127	37.1	1810	875	12	12	4.5	29
8200	1991	1408	46.3	2210	875	12	12	5.5	36
8240*	2396	1694	55.7	2610	875	12	18	6.6	41
8270*	2695	1905	62.7	2910	875	12	18	7.4	46
8320*	3189	2255	74.2	3410	875	12	18	8.6	55
8360*	3593	2540	83.6	3810	875	12	18	9.7	60
8400*	3990	2821	92.8	4210	875	12	18	10.7	66

*) The expansion valve shall be equipped with outer pressure balancing.



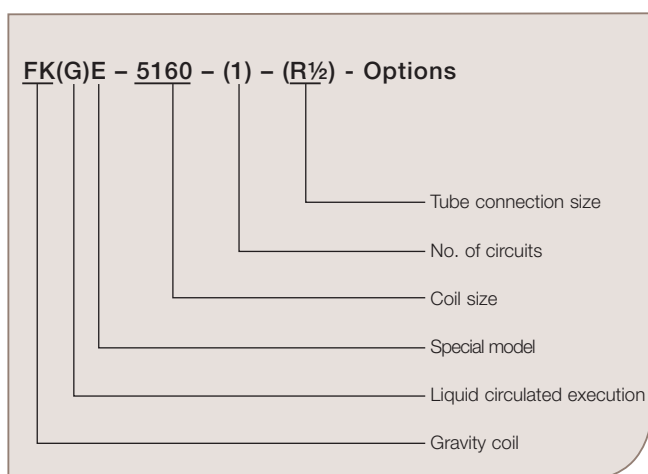
* 3 ceiling brackets for FK 4200, 5200, 5270, 8200, 8270
4 ceiling brackets for FK 8328, 8360, 8400

** Space for exchanging defrost elements: E = L-100



*X : FK-2 : min. 80
FK-4 : min. 130
FK-5 : min. 160
FK-8 : min. 220

Code description



AHE00075EN 1701

Alfa Laval reserves the right to change specification without prior notification.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com

