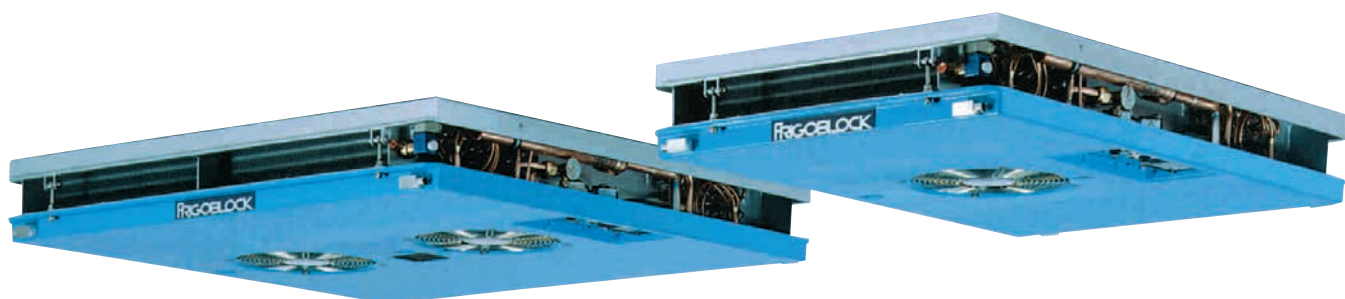


FRIGOBLOCK



Refrigerant R410A = 50 % more refrigeration capacity • 80 % less global warming potential • 20 % less energy consumption

The most powerful and economical transport refrigeration machines



EK 8 U



EK 11



EK 13 U



EK 25 U

TECHNICAL SPECIFICATIONS SPLIT UNITS EK 8-25

FRIGOBLOCK Type	EK 8	EK 11	EK 13 L	EK 13 *	EK 25 L	EK 25	EK 25 SL	DIM.
Refrigeration capacity at +30 °C ambient temperature								
box temperature at 0°C	5,000	7,600	11,300	14,100	16,600	21,100	23,300	W
box temperature at -20°C	2,800	4,100	5,800	7,800	8,500	11,100	13,100	W
box temperature at -30°C	1,800	2,700	3,500	5,100	5,200	6,900	8,500	W
Heating capacity								
electric heaters	2,500	4,500/4,100	4,100	7,600	7,600	11,600	11,600	W
Refrigerant								
HFC	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
Compressor								
cylinders	2	2	2	2	4	4	4	
piston displacement	10.5	15.1	16.9	24.8	28.0	40.5	48.8	m³/h
rpm	1,450	1,750	1,200	1,750	1,000	1,450	1,750	1/min
Electric motor								
capacity	3	4	5	7.5	7.5	11	13	kW
rpm	1,450	1,450	1,450	1,450	1,450	1,450	2,900	1/min
Condenser								
surface area	14.6	26.3	38.6	38.6	70.2	70.2	70.2	m²
axial fans Ø	2 x 282	2 x 320	386/348	386/348	440/386	440/440	440/386	mm
Dimensions EK								
height	320	400	475	475	525	525	525	mm
width	750	810	930	930	1,095	1,095	1,095	mm
depth	430	505	550	550	645	645	645	mm
3-phase alternator								
capacity	6	8	12	17	17	24	24	kVA
Mains								
fuse protection (slow)	(20) 10	20 (16)	(20) 16	20	20	25	35	A
Weight								
refrigeration unit	55	80	125	120	172	180	184	kg
alternator	38	48	59	76	76	98	98	kg
RE selection								
for split units (EK+RE)	RE 11-1s	RE 42-1/11-2	RE 11-2	RE 22-2	RE 22-2	RE 44-2	RE 44-2	

Approx. 2% capacity reduction has always to be considered per m of pipe run. Standard with electrical heating/defrost.

For multi evaporator systems hotgas is optional.

Technical data at 60% of the rated vehicle engine speed, 400/415 V, 50 Hz. Subject to technical changes without prior notice. Patents awarded.

* Optional: 2-speed SL-version, high speed: same technical data, low speed: capacity reduced down to approx. 60%

RE 11-1s



RE 11-2



RE 22-2



RE 42-1



RE 44-2



Super-flat, extremely powerful single and dual discharge roof evaporator series with new air circulation for split units and multi-temperature vehicles

TECHNICAL SPECIFICATIONS FLAT EVAPORATORS RE 11-44

FRIGOBLOCK Type	RE 11-1s	RE 42-1	RE 11-2	RE 22-2	RE 44-2	DIM.
	single discharge	single discharge	dual discharge	dual discharge	dual discharge	
Evaporator						
air capacity	1,500	3,800	2,200	4,200	7,000	m ³ /h
air throw, without ducting	7-8	6-7	6-7	6-7	6-7	m
crossflow fan, Ø x H	355x125 (1x)	355x100 (2x)	355x125 (1x)	355x125 (2x)	355x100 (4x)	mm
motor capacity	1x370	2x250	1x370	2x370	4x250	W
surface area	13.4	26	26.8	47.9	66.1	m ²
Heating/Defrosting	single compartment vehicles: electrical heating is standard, multi-compartment vehicles: 4-way-heat pump system (hotgas) is optional					
Dimensions RE						
height *	160	140	160	160	140	mm
length	780	680	1,120	1,120	1,020	mm
width	720	2,160	720	1,160	2,160	mm
Weight						
flat evaporator	31	52	46	74	92	kg
EK selection						
for split units (EK+RE)	EK 8	EK 11	EK 11	EK 13	EK 25	
RE as additional evaporator						
selection for unit types	11-13 L	13-35 **	13-35	13-35	25	

* can be recessed 40 mm into the roof.

** on request the RE 42-1 can, in combination with RE 44-2, also be selected with unit types 25.

Please note: FK 11/FK 12 plus additional evaporator only with electric heating, hotgas not possible.