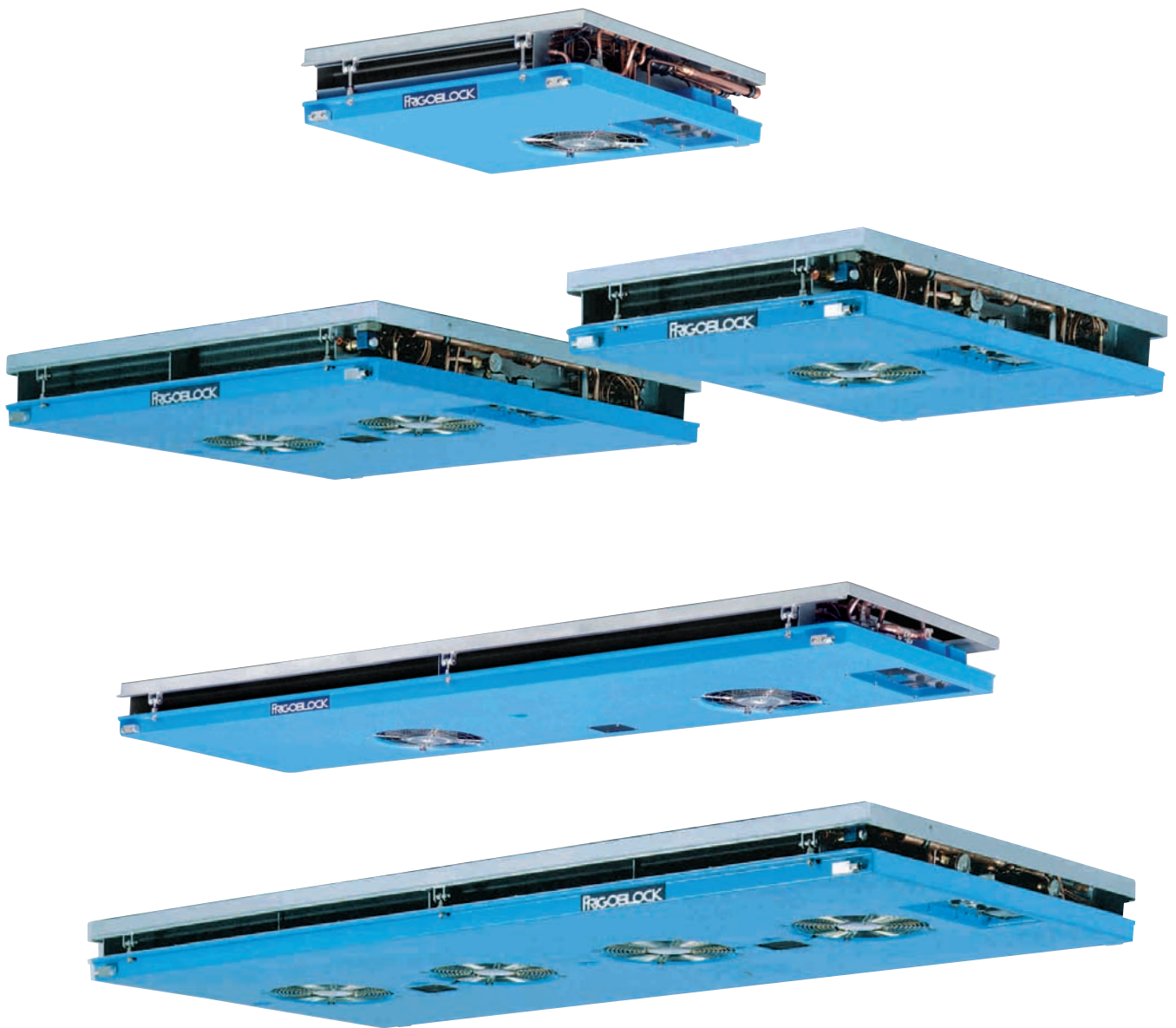


FRIGOBLOCK RE 11-44

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



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

The most powerful and economical transport refrigeration machines

FRIGOBLOCK Flat Evaporators RE 11 - 44

| FRIGOBLOCK Flat Evaporator Type | | RE 11-1s | RE 42-1 | RE 11-2 | RE 22-2 | RE 44-2 | Dim. |
|---|---|------------------|--------------|----------------|--------------|--------------|-------------------|
| | | single 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 | | | m |
| | Crossflow fan, Ø x H | 355x125 (1x) | 355x100 (2x) | 355x125 (1x) | 355x125 (2x) | 355x100 (4x) | mm |
| | Motor capacity | 1 x 370 | 2 x 250 | 1 x 370 | 2 x 370 | 4 x 250 | W |
| | Surface area | 13,4 | 26 | 26,8 | 47,9 | 66,1 | m ² |
| Heating/Defrosting | single compartment vehicles electrical heating is standard, with multi-compartment vehicles 4-way-heat pump system (hotgas) is optional | | | | | | |
| Dimensions | 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 13 L | EK 13 | EK 25 | |
| Can be used as additional evaporator for unit types | | 11 - 13 L | 13 ** | 13 - 34 | | 25 - 34 | |

* 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 and 34.

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

FRIGOBLOCK Split Units EK 8 - 25

| FRIGOBLOCK - Typ | | 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 | Kastentemp. bei ± 0°C | 5.000 | 7.600 | 11.300 | 14.100 | 16.600 | 21.100 | 23.300 | W |
| | Kastentemp. bei -20°C | 2.800 | 4.100 | 5.800 | 7.800 | 8.500 | 11.100 | 13.100 | W |
| | Kastentemp. bei -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 | | 11.600 | | W |
| Refrigerant | HFC | R410A | | | | | | | - |
| Compressor | cylinders | 2 | 2 | 2 | | 4 | | | - |
| | piston displacement | 10,5 | 15,1 | 16,9 | 24,8 | 28,0 | 40,5 | 48,8 | m ³ /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 | | 2.900 | 1/min |
| Condenser | surface area | 14,6 | 26,3 | 38,6 | | 70,2 | | | m ² |
| | axial fans Ø | 2x282 | 348/282 | 386/348 | | 440/386 | 440/440 | 440/386 | mm |
| Dimensions | height | 320 | 400 | 475 | | 525 | | | mm |
| | width | 750 | 810 | 930 | | 1.095 | | | mm |
| | depth | 430 | 505 | 550 | | 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 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%.

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FRIGOBLOCK

The most powerful and economical transport refrigeration machines

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