

FREEZER UNITS

Wall mounted "monoblock" units
for outdoor installations

Freezing rooms

Distribution centers

Climate chambers

Mini-, Midi-, Maxi-, Megafrost

Frigadon's "monoblock" selection encompasses high-quality, compact units which are manufactured in Sweden. The selection is standardised, but includes the possibility to add additional options in order to customise the units for special applications. The units are a perfect choice for restaurant kitchens, bakeries, distribution centres and more. Frigadon always pays special attention to the environment when choosing refrigerants and components. The units are equipped as standard with R-290, an environmentally friendly refrigerant which meets all prospective environmental regulations. The units are available in the **Mini, Midi, Maxi** and **Mega** series options, with refrigerating capacities from 0.85 kW up to 13.3 kW. All units are tested prior to delivery at our test centre in order to ensure maximum energy efficiency and operational safety. The units can be fitted with numerous additional options prior to shipping such as the addition of a water chiller condenser, low temperature, split unit or with a special design for low noise emissions.

Mini-, Midi-, Maxi-, Megafrost

Frigadon's compact refrigeration units consist of a machine part and an evaporator part which are interconnected forming a single compact unit. The units are completely operational upon delivery. It's just a matter of mounting them and connecting them to a power source. Simply choose the correct size based on the size of the room and temperature requirements. Note that when using the R-290 as a refrigerant, the minimum volume must be observed. See the relevant table concerning technical data.

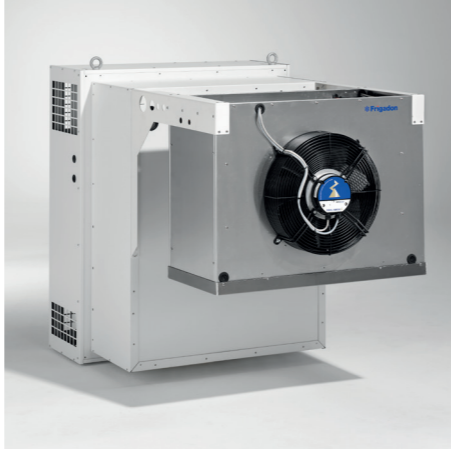
- Standard units are equipped with:**
- Refrigerant, R-290
 - Weatherproof and suitable for outdoor use in Nordic climates (ambient temperature -20°C to +32°C)
 - Variable speed condenser fan (Minifrost via pressure switch)
 - Wall mounting
 - Electrical or hot gas defrost
 - Automatic condensation evaporation
 - Electronic thermostat
 - External alarm device
 - Thermostatically-regulated crankcase heater
 - Complete with starting, operation and protection equipment
 - Electrical cable for connection to an approved safety switch



Minifrost



Midifrost



Maxifrost



Megafrost



Choose a design to suit your needs:

- Arctic design**
Designation AR
Air-cooled condenser for operation in a surrounding air temperature of maximum -35°C.

Built-in electrical heating
Designation EV
For refrigeration units which need to maintain a constant room temperature, independent of the surrounding temperature. Output 1-15 kW.

Combo design
Designation KO
Refrigeration/freezing functions in the same unit.

Noise-reduction design
Designation LD
Reduces condenser noise emissions by circa 3 to 5 dB(A).
- Tropical design**
Designation T
Air-cooled condenser for operation in surrounding temperatures up to +45°C.

Water cooled condenser
Designation VK
Complete, mounted plate heat exchangers with pressure-controlled water-saving valve, alternatively adjustment valves.

Split unit
Used when several freezing units are connected to the same unit. Or in cases when the machine cannot be placed next to the freezing room.

Special unit
Other types of refrigerants / systems and other custom requirements are quoted individually upon request.

Technical data	Ambient +30°C		Ambient +32°C		Voltage V	Fuse A	Power kW Max	Ref. Charge gr	Hole Width mm	Hole Height mm	Max. Wall thickness mm	Weight kg	Suitable room volume at -20 m3	Min. room volume (evap. side) m3	Min. room volume (cond. side) m3
	Room temp. -20°C	Room temp. -22°C	Room temp. -20°C	Room temp. -22°C											
Model	Cooling cap kW	Cooling cap kW	Cooling cap kW	Cooling cap kW											
Minifrost 10HC	0,9	0,8	0,8	0,8	230	10	2,1	150	615	715	430	75	12		
Minifrost 15HC	1,8	1,7	1,8	1,6	400	10	3,7	250	560	860	135	90	23	11	31
Midifrost 20HC	2,0	1,8	2,0	1,8	400	10	4,7	300	675	1020	300	110	44	13	38
Midifrost 25HC	2,5	2,2	2,4	2,1	400	10	5,6	650	675	1020	300	140	62	28	81
Midifrost 30HC	3,0	2,7	3,0	2,6	400	10	6,9	780	675	1020	300	145	87	34	98
Maxifrost 35HC	3,7	3,3	3,6	3,2	400	10	8,3	800	895	1110	300	240	106	35	100
Maxifrost 45HC	4,6	4,1	4,4	4,0	400	16	11,0	1500	895	1110	400	250	147	65	188
Megafrost 70HC	7,2	6,5	7,0	6,2	400	20	11,3	2180	1495	1210	400	390	267	95	273
Megafrost 90HC	9,7	8,7	9,3	8,4	400	25	14,6	2390	1495	1210	400	400	356	104	299
Megafrost 110HC	11,4	10,3	11,0	9,9	400	32	15,6	2390	1495	1210	400	420	445	104	299
Megafrost 130HC	13,3	11,9	12,8	11,5	400	35	18,6	2610	1495	1210	400	440	534	113	326

Frigadon

Frigadon is a progressive company active in the development, construction and manufacturing of cooling systems for industrial and commercial use. We have thirty employees providing cooling expertise for various applications.

Frigadon has been on the market since 1977. The operation began with small "plug in" units for cold rooms. Today the most expansive market is water chillers and custom designed products supplied to the industry on an OEM-basis*. Since 2014 Frigadon has been a part of the Arneg Group.

Our customers are primarily refrigeration contractors and industries that purchase refrigeration for stores, industries, warehouses as well as OEM applications. Our customers are located in Scandinavia but also the rest of Europe, North America and Asia.

Our products are always manufactured for Swedish climates and meet all applicable governmental regulations.

*OEM stands for Original Equipment Manufacturer. It means that Frigadon manufactures other companies original products.

Read more at: www.frigadon.se



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