A photograph showing the interior of a modular cold room. The room has white walls and a tiled floor. Two white doors with black handles are visible. A ceiling-mounted air conditioning unit is also shown.

Catalogue 2019-2020 Modular cold rooms

Technical information for Refrigeration products

Panel Thickness 80mm

- › With hook fasteners for fast assembling
- › No silicone or PU foam needed
- › Assembling possible with only one tool
- › No side frame, panel on panel construction

Panels

Internal wall or ceiling panels made of solid polyurethane foam, double coated with galvanised metal sheet with thickness of 0,6 mm and with protective foil.

Insulation core of the panel contains HFO based polyurethane foam (PUR) without chlorofluorocarbon (HFC) with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$, cell closure of 95%, adhesion force $>100\text{Pa}$, compaction force of 150kPa, and scope of application -40°C up to 60°C .

Floor

Polyurethane double coated with galvanised metal sheet with thickness of 0,7mm and with grey protective foil and additional reinforcement of plywood glued to the metal plate with polyurethane insulation layer injected under high pressure with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$

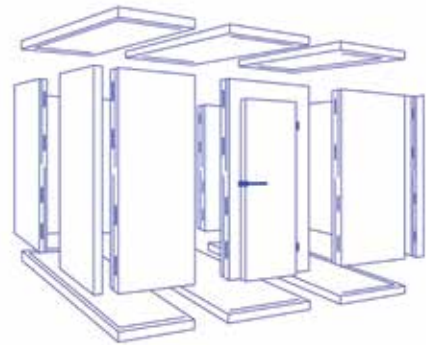
Doors

Rolling type with polyurethane filling equipped with hinges, locking mechanism and rubber profile that provides very good sealing preventing unnecessary energy loss. The doors are delivered with own door frame mounted directly to the panel of the same characteristics as the wall panel.

Standard dimension of doors: 850 x 1900mm

Heat transfer coefficient Unit. According to standards EN13165 – EN14506

0,29 W/m²K for 80mm and 0,19 W/m²K for 100 and 120mm panels



Cold room, panel thickness 80mm, height 2000mm, hinged door, 850x1900mm									
Indoor dimensions (l x w x h)	mm	1500x1500x2000	1800x1500x2000	1800x1800x2000	2100x1800x2000	2700x1800x2000	3000x1800x2000	3900x2700x2000	3900x3000x2000
Volume	m ³	4,5	5,4	6,48	7,56	9,72	10,8	21,06	23,4
Product code with floor		CE.SE_1A1A1515	CE.SE_1A1A1815	CE.SE_1A1A1818	CE.SE_1A1A2118	CE.SE_1A1A2718	CE.SE_1A1A3018	CE.SE_1A1A3927	CE.SE_1A1A3930
Product code without floor		CE.SE_1AXA1515	CE.SE_1AXA1815	CE.SE_1AXA1818	CE.SE_1AXA2118	CE.SE_1AXA2720	CE.SE_1AXA3018	CE.SE_1AXA3927	CE.SE_1AXA3930
Pallet dimensions (with floor)	mm	2400x1200x1100	2400x1200x1200	2400x1200x1200	2400x1200x1300	2400x1200x1500	2400x1200x1600	3200x1200x2000	3200x1200x2000
Pallet dimensions (without floor)	mm	2400x1200x1000	2400x1200x1100	2400x1200x1100	2400x1200x1200	2400x1200x1300	2400x1200x1300	3200x1200x1700	3200x1200x1700
Pallet weight (with floor)	kg	375	405	450	515	550	605	870	930
Pallet weight (without floor)	kg	305	335	370	405	440	475	650	690

Cold room, panel thickness 80mm, height 2400mm, hinged door, 850x1900mm									
Indoor dimensions (l x w x h)	mm	1500x1500x2400	1800x1500x2400	1800x1800x2400	2100x1800x2400	2700x1800x2400	3000x1800x2400	3900x2700x2400	3900x3000x2400
Volume	m ³	5,4	6,48	7,78	9,07	11,66	12,96	25,27	28,08
Product code with floor		CE.SE_1D1A1515	CE.SE_1D1A1815	CE.SE_1D1A1818	CE.SE_1D1A2118	CE.SE_1D1A2718	CE.SE_1D1A3018	CE.SE_1D1A3927	CE.SE_1D1A3930
Product code without floor		CE.SE_1DXA1515	CE.SE_1DXA1815	CE.SE_1DXA1818	CE.SE_1DXA2118	CE.SE_1DXA2718	CE.SE_1DXA3018	CE.SE_1DXA3927	CE.SE_1DXA3930
Pallet dimensions (with floor)	mm	2400x1200x1100	2400x1200x1200	2400x1200x1200	2400x1200x1300	2400x1200x1500	2400x1200x1600	3200x1200x2000	3200x1200x2000
Pallet dimensions (without floor)	mm	2400x1200x1000	2400x1200x1100	2400x1200x1100	2400x1200x1200	2400x1200x1300	2400x1200x1300	3200x1200x1700	3200x1200x1700
Pallet weight (with floor)	kg	395	415	460	530	565	630	910	960
Pallet weight (without floor)	kg	324	345	380	420	455	500	690	720

NOTE:

The Daikin Commercial Terms and Conditions apply.

Drawings and pictures show specific configurations; technical data and refrigeration capacity is given based on different conditions and for certain refrigerants and could be different. Please note that it is necessary to use technical manuals and design software for technical selection of equipment!

For any questions and support to select the right equipment, as well as for more information about Ecodesign conditions and regulation, please contact your local Daikin sales office!

Panel Thickness 100mm

- › With hook fasteners for fast assembling
- › No silicone or PU foam needed
- › Assembling possible with only one tool
- › No side frame, panel on panel construction

Panels

Internal wall or ceiling panels made of solid polyurethane foam, double coated with galvanised metal sheet with thickness of 0,6 mm and with protective foil.
 Insulation core of the panel contains HFO based polyurethane foam (PUR) without chlorofluorocarbon (HFC) with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$, cell closure of 95%, adhesion force $>100\text{Pa}$, compaction force of 150kPa , and scope of application -40°C up to 60°C .

Floor

Polyurethane double coated with galvanised metal sheet with thickness of 0,7mm and with grey protective foil and additional reinforcement of plywood glued to the metal plate with polyurethane insulation layer injected under high pressure with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$

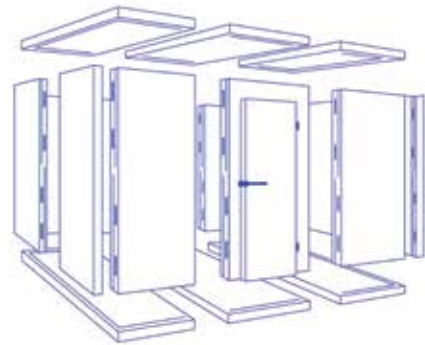
Doors

Rolling type with polyurethane filling equipped with hinges, locking mechanism and rubber profile that provides very good sealing preventing unnecessary energy loss.
 The doors are delivered with own door frame mounted directly to the panel of the same characteristics as the wall panel.

Standard dimension of doors: 850 x 1900mm

Heat transfer coefficient Unit. According to standards EN13165 – EN14506

0,29 W/m²K for 80mm and 0,19 W/m²K for 100 and 120mm panels



Cold room, panel thickness 100mm, height 2000mm, LT Version, hinged door, 850x1900mm, Including Floor									
Indoor dimensions (l x w x h)	mm	1500x1500x2000	1800x1500x2000	2100x1500x2000	2700x1500x2000	2700x1800x2000	3000x1800x2000	3300x2700x2000	3600x2700x2000
Volume	m ³	4,5	5,4	6,3	8,1	9,72	10,8	17,82	19,44
Product code		CE.SE_2A1A1515DE	CE.SE_2A1A1815DE	CE.SE23A1A2115DE	CE.SE_2A1A2720DE	CE.SE_2A1A2718DE	CE.SE_2A1A3018DE	CE.SE_2A1A3327DE	CE.SE_2A1A3627DE
Compensation valve and door heater		Included	Included	Included	Included	Included	Included	Included	Included
Pallet dimensions (with floor)	mm	2400x1200x1300	2400x1200x1400	2400x1200x1500	2400x1200x1700	2400x1200x1700	2400x1200x1800	3200x1200x2000	3200x1200x2000
Pallet weight (with floor)	kg	395	425	470	535	570	625	890	950

Cold room, panel thickness 100mm, height 2400mm, LT Version, hinged door, 850x1900mm, Including Floor									
Indoor dimensions (l x w x h)	mm	1500x1500x2400	1800x1500x2400	2100x1500x2400	2700x1500x2400	2700x1800x2400	3000x1800x2400	3300x2700x2400	3600x2700x2400
Volume	m ³	5,4	6,48	7,56	9,72	11,66	12,96	21,38	23,33
Product code		CE.SE_2D1A1515DE	CE.SE_2D1A1815DE	CE.SE_2D1A2115DE	CE.SE_2D1A2720DE	CE.SE_2D1A2718DE	CE.SE_2D1A3018DE	CE.SE_2D1A3327DE	CE.SE_2D1A3627DE
Compensation valve and door heater		Included	Included	Included	Included	Included	Included	Included	Included
Pallet dimensions (with floor)	mm	2400x1200x1300	2400x1200x1400	2400x1200x1500	2400x1200x1700	2400x1200x1700	2400x1200x1800	3200x1200x2000	3200x1200x2000
Pallet weight (with floor)	kg	420	440	485	555	590	655	935	985

Cold room, panel thickness 100mm, height 2000mm, MT Version, 850x1900mm									
Indoor dimensions (l x w x h)	mm	1500x1500x2000	1800x1500x2000	2100x1500x2000	2700x1500x2000	2700x1800x2000	3000x1800x2000	3300x2700x2000	3600x2700x2000
Volume	m ³	4,5	5,4	6,3	8,1	9,72	10,8	17,82	19,44
Product code		CE.SE_2A1A1515	CE.SE_2A1A1815	CE.SE_2A1A2115	CE.SE_2A1A2720	CE.SE_2A1A2718	CE.SE_2A1A3018	CE.SE_A1A3327	CE.SE_2A1A3627
Product code with floor		CE.SE_2AXA1515	CE.SE_2AXA1815	CE.SE_2AXA2115	CE.SE_2AXA2720	CE.SE_2AXA2718	CE.SE_2AXA3018	CE.SE_2AXA3327	CE.SE_2AXA3627
Pallet dimensions (with floor)	mm	2400x1200x1300	2400x1200x1400	2400x1200x1500	2400x1200x1700	2400x1200x1700	2400x1200x1800	3200x1200x2000	3200x1200x2000
Pallet dimensions (without floor)	mm	2400x1200x1100	2400x1200x1300	2400x1200x1400	2400x1200x1600	2400x1200x1600	2400x1200x1600	3200x1200x1900	3200x1200x1900
Pallet weight (with floor)	kg	395	425	470	535	570	625	890	950
Pallet weight (without floor)	kg	325	355	390	425	460	500	670	715

Cold room, panel thickness 100mm, height 2400mm, MT Version, 850x1900mm									
Indoor dimensions (l x w x h)	mm	1500x1500x2400	1800x1500x2400	2100x1500x2400	2700x1500x2400	2700x1800x2400	3000x1800x2400	3300x2700x2400	3600x2700x2400
Volume	m ³	5,4	6,48	7,56	9,72	11,66	12,96	21,38	23,33
Product code		CE.SE_2D1A1515	CE.SE_2D1A1815	CE.SE_2D1A2115	CE.SE_2D1A2720	CE.SE_2D1A2718	CE.SE_2D1A3018	CE.SE_2D1A3327	CE.SE_2D1A3627
Product code without floor		CE.SE_2DXA1515	CE.SE_2DXA1815	CE.SE_2DXA2115	CE.SE_2DXA2720	CE.SE_2DXA2718	CE.SE_2DXA3018	CE.SE_2DXA3327	CE.SE_2DXA3627
Pallet dimensions (with floor)	mm	2400x1200x1300	2400x1200x1400	2400x1200x1500	2400x1200x1700	2400x1200x1700	2400x1200x1800	3200x1200x2000	3200x1200x2000
Pallet dimensions (without floor)	mm	2400x1200x1100	2400x1200x1300	2400x1200x1400	2400x1200x1600	2400x1200x1600	2400x1200x1600	3200x1200x1900	3200x1200x1900
Pallet weight (with floor)	kg	420	440	485	555	590	655	935	985
Pallet weight (without floor)	kg	350	370	405	445	480	525	715	745

Panel Thickness 120mm

- › With hook fasteners for fast assembling
- › No silicone or PU foam needed
- › Assembling possible with only one tool
- › No side frame, panel on panel construction

Panels

Internal wall or ceiling panels made of solid polyurethane foam, double coated with galvanised metal sheet with thickness of 0,6 mm and with protective foil.

Insulation core of the panel contains HFO based polyurethane foam (PUR) without chlorofluorocarbon (HFC) with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$, cell closure of 95%, adhesion force $>100\text{Pa}$, compaction force of 150kPa , and scope of application -40°C up to 60°C .

Floor

Polyurethane double coated with galvanised metal sheet with thickness of 0,7mm and with grey protective foil and additional reinforcement of plywood glued to the metal plate with polyurethane insulation layer injected under high pressure with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$

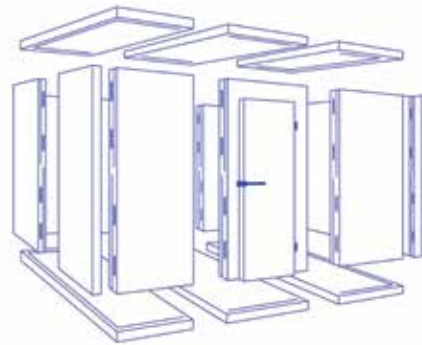
Doors

Rolling type with polyurethane filling equipped with hinges, locking mechanism and rubber profile that provides very good sealing preventing unnecessary energy loss. The doors are delivered with own door frame mounted directly to the panel of the same characteristics as the wall panel.

Standard dimension of doors: 850 x 1900mm

Heat transfer coefficient Unit. According to standards EN13165 – EN14506

0,29 W/m²K for 80mm and 0,19 W/m²K for 100 and 120mm panels

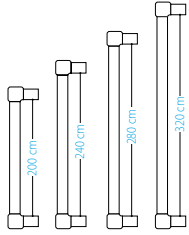


Cold room, panel thickness 120mm, height 2000mm, hinged door, 850x1900mm, including Floor									
Indoor dimensions (l x w x h)	mm	1500x1500x2000	1800x1500x2000	2100x1500x2000	2700x1500x2000	2700x1800x2000	3000x1800x2000	3300x2700x2000	3600x2700x2000
Volume	m ³	4,5	5,4	6,3	8,1	9,72	10,8	17,82	19,44
Product code		CE.SE_3A1A1515DE	CE.SE_3A1A1815DE	CE.SE_3A1A2115DE	CE.SE_3A1A2720DE	CE.SE_3A1A2718DE	CE.SE_3A1A3018DE	CE.SE_3A1A3327DE	CE.SE_3A1A3627DE
Compensation valve and door heater		included	included	included	included	included	included	included	included
Packing dimensions	mm	2400x1200x2000	2400x1200x2000	2400x1200x2000	2400x1200x2000	2400x1200x2000	2400x1200x2000	5000x1200x2000	5000x1200x2000
Packing weight	kg	400	435	505	570	625	655	865	915

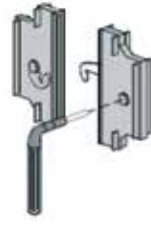
Cold room, panel thickness 120mm, height 2400mm, hinged door, 850x1900mm, including Floor									
Indoor dimensions (l x w x h)	mm	1500x1500x2400	1800x1500x2400	2100x1500x2400	2700x1500x2400	2700x1800x2400	3000x1800x2400	3300x2700x2400	3600x2700x2400
Volume	m ³	5,4	6,48	7,56	9,72	11,66	12,96	21,38	23,33
Product code		CE.SE_3D1A1515DE	CE.SE_3D1A1815DE	CE.SE_3D1A2115DE	CE.SE_3D1A2720DE	CE.SE_3D1A2718DE	CE.SE_3D1A3018DE	CE.SE_3D1A3327DE	CE.SE_3D1A3627DE
Compensation valve and door heater		included	included	included	included	included	included	included	included
Packing dimensions	mm	2400x1200x2000	2400x1200x2000	2400x1200x2000	2400x1200x2000	2400x1200x2000	2400x1200x2000	5000x1200x2000	5000x1200x2000
Packing weight	kg	420	450	520	590	645	685	910	950

Modular cold rooms Smart Solution

Panels



Available heights



Connection details

Floor Panels



Option A – standard: galvanised metal sheet with thickness of 0,7mm and protective foil



Option B: INOX AISI 304 stainless sheet steel with thickness of 0,8mm



Option C: aluminium ribbed sheets with thickness of 2/3mm

Accessories

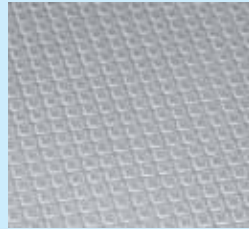
Non-standard lining of wall/ceiling panels or doors:



INOX AISI 304 finished with Scotch-Brite treatment, thickness 0,6mm with protective film



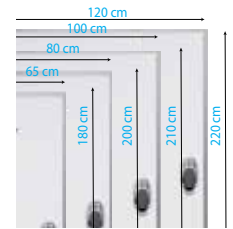
Aluminium ribbed sheets with thickness of 2/3mm



INOX AISI 304 stainless sheet steel with thickness of 0,8mm



Hinges (available in inox version)



Additional dimensions for hinged doors



Strip curtains



Wrench for installation



Compensating valves



Shelves



Threshold made of inox with aluminium base

Accessories:	Material name
Microswitch for door (1pc)	CE.SE_MICROSW
Motion sensor	CE.SE_MOTIONDET
Led lamp 40W	CE.SE_LED40
Led lamp 55W	CE.SE_LED55
Led lamp 66W	CE.SE_LED66
Led lamp 80W	CE.SE_LED80w
Threshold made of inox with aluminium base 900mm for panel 80mm	CE.SE_TRESH80900
Threshold made of inox with aluminium base 900mm for panel 100mm	CE.SE_TRESH100900
Threshold made of inox with aluminium base 900mm for panel 120mm	CE.SE_TRESH120900
Threshold made of inox with aluminium base 1200mm for panel 120mm	CE.SE_TRESH1201200
Compensating valve for NT Conditions (Normal cooling) up to 100m3	CE.SE_VALVE100NT
Compensating valve for BT Conditions (Deep freezing) up to 80m3	CE.SE_VALVE80BT
Compensating valve for NT Conditions (Normal cooling) up to 550m3	CE.SE_VALVE550NT
Compensating valve for BT Conditions (Deep freezing) up to 400m3	CE.SE_VALVE400BT
Compensation valve - installation on panel	CE.SE_VALVEINSTAL
Stripe curtain for door (1m) for MT	CE.SE_STRIPBT
Stripe curtain for door (1m) for LT	CE.SE_STRIPNT
Rubber for floor	CE.SE_RUBBERFLOOR
Rubber for doors BT Conditions (Deep freezing)	CE.SE_RUBDOORBT
Rubber for doors NT conditions (Normal cooling)	CE.SE_RUBDOORNT
Additional doors, standard dimension of 850x1900mm	CE.SE_DOORDIM
Non Standard positioning of the door	CE.SE_DOORNONSTD
Additional doors, with Non Standard dimension	CE.SE_ADDDOOR

Mira
Easy and fast
cooling

from **-40°C**
up to **60°C**



Perfect storage for
chilled goods

Environmental friendly solution

Insulation core of the panel contains HFO based polyurethane foam (PUR) without chlorofluorocarbon (HFC) with density of $43\text{kg/m}^3 \pm 2\text{kg/m}^3$, cell closure of 95%, adhesion force $>100\text{Pa}$, compaction force 150kPa , and scope of application -40°C up to 60°C .

Compliance with environment protection policy:

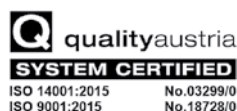
- › Global Warming Potential index **GWP=9**
- › Ozone Depletion Potential index **ODP=0**



DAIKIN AIRCONDITIONING CENTRAL EUROPE HandelsgmbH

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