

## F25D

**REFRIGERATORS; COLD ROOMS; ICE-BOXES; COOLING OR FREEZING APPARATUS NOT OTHERWISE PROVIDED FOR** (refrigerated showcases [A47F 3/04](#); thermally-insulated vessels for domestic use [A47J 41/00](#); refrigerated vehicles, see the appropriate subclasses of classes [B60](#) - [B64](#); containers with thermal insulation in general [B65D 81/38](#); heat-transfer, heat-exchange or heat-storage materials, e.g. refrigerants, or materials for the production of heat or cold by chemical reactions other than by combustion [C09K 5/00](#); thermally-insulated vessels for liquefied or solidified gases [F17C](#); air-conditioning or air-humidification [F24F](#); refrigeration machines, plants, or systems [F25B](#); cooling of instruments or comparable apparatus without refrigeration [G12B](#))

### Definition statement

*This place covers:*

Refrigerators; cold rooms; ice-boxes; cooling or freezing apparatus not covered by any other subclass.

### Relationships with other classification places

[F24F](#): "air-conditioning" means the supply of air to rooms or spaces by means which provide for the treatment of the air in at least two of the following ways: heating-cooling-any other kind of treatment, e.g. humidification.

Other household appliance fields are [A47L](#) (domestic washing), [D06F](#) (domestic laundry driers), [F24B](#) (domestic stoves).

### References

#### Limiting references

*This place does not cover:*

Refrigerated show cases	<a href="#">A47F 3/04</a>
Thermally-insulated vessels for domestic use	<a href="#">A47J 41/00</a>
Refrigerated vehicles	<a href="#">B60</a> - <a href="#">B64</a>
Containers with thermal insulation in general	<a href="#">B65D 81/38</a>
Heat-transfer, heat-exchange or heat-storage materials, e.g. refrigerants, or material for the production of heat or cold by chemical reactions other than by combustion	<a href="#">C09K 5/00</a>
Cooling of engines or pumps	<a href="#">F04B</a> , <a href="#">F04C</a> , <a href="#">F04D</a>
Thermally-insulated vessels for liquefied or solidified gases	<a href="#">F17C</a>
Air-conditioning or air-humidification	<a href="#">F24F</a>
Refrigeration machines, plants or systems	<a href="#">F25B</a>
Production, working, storing or distribution of ice	<a href="#">F25C</a>
Cooling of instruments and comparable apparatus without refrigeration	<a href="#">G12B</a>

### Informative references

Attention is drawn to the following places, which may be of interest for search:

Non-refrigerated containers specially adapted for transporting or storing living parts whilst preserving	<a href="#">A01N 1/146</a>
Cooling of specific food	<a href="#">A23B</a>
Cooling of food in general	<a href="#">A23B 2/80</a>
Cooling of meat	<a href="#">A23B 4/06</a>
Cooling of fruit	<a href="#">A23B 7/04</a>
Cooling of ice cream	<a href="#">A23G 9/00</a>
Cooled garments	<a href="#">A41D 13/0053</a>
Casings for protecting, packaging, dispensing articles for surgery	<a href="#">A61B 50/30</a>
Containers specially adapted for medical or pharmaceutical purposes	<a href="#">A61J 1/00</a>
Cooling of protective clothing	<a href="#">A62B 17/006</a>
Heat insulating devices, e.g. jackets for flasks, for laboratory	<a href="#">B01L 7/04</a>
Conveyors	<a href="#">B65G</a>
Laptop cooling	<a href="#">G06F 1/20</a>
Coin-freed or like apparatus with heating or cooling means	<a href="#">G07F 9/105</a>
Computer/electronics cooling	<a href="#">H05K 7/00</a>

### Special rules of classification

Devices not associated with refrigerating machinery: [F25D 1/00-F25D 9/00](#)

Devices associated with refrigerating machinery: [F25D 11/00-F25D 16/00](#)

Details or features of the devices covered by groups [F25D 1/00](#) - [F25D 16/00](#): [F25D 17/00-F25D 31/00](#)

Only classify a household appliance when a refrigerator or freezer is mentioned or when a refrigerator or freezer is shown in the drawings. Always circulate to the following household appliance fields:

[A47L](#) (domestic washing), [D06F](#) (domestic laundry driers), [F24B](#) (domestic stoves).

### Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Device	means an enclosed space to be cooled; such devices being associated either with refrigerating machinery, e.g. in a refrigerator, or with other cold sources, e.g. in an ice-box.
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## F25D 3/005

{combined with heat exchangers}

### Special rules of classification

Classify in [F25D 3/005](#) when only details of the heat exchanger are claimed.

When heat exchangers are combined with a cooling cycle: [F25D 16/00](#).

When combined with or situated in refrigerators: [F25D 11/006](#).

## F25D 3/02

using ice, e.g. ice-boxes

### Special rules of classification

Not only use of ice, but also PCM's, i.e. Phase Change Materials, blue ice.

## F25D 3/06

Movable containers

### Special rules of classification

Classify also in [F25D 2303/08](#).

## F25D 3/08

portable, i.e. adapted to be carried personally

### References

#### Informative references

Attention is drawn to the following places, which may be of interest for search:

Special arrangement or features of devices using cold storage material	<a href="#">F25D 2303/08</a>
Type of cooled receptacles	<a href="#">F25D 2331/80</a>
Lunch or picnic boxes	<a href="#">A45C 11/20</a>
Drinking glasses	<a href="#">A47G 19/2205</a>
Thermally insulated vessels with heat or cold storing elements or material for kitchen equipment	<a href="#">A47J 41/0044</a>
Cooling bags for medical or therapeutic treatment of human body	<a href="#">A61F 7/10</a>
Containers with thermal insulation in general	<a href="#">B65D 81/38</a>
Materials undergoing a change of state from liquid to solid	<a href="#">C09K 5/06</a>
Using latent heat	<a href="#">F28D 20/02</a>

### Special rules of classification

In case no details are claimed about cooling material, but only details about cooling box itself, no classification in [F25D 3/08](#).

Special arrangements or features of devices using cold storage material are additionally classified in [F25D 2303/08](#) and lower.

Features of the cooled receptacles are classified in [F25D 2331/80](#) and lower.

**F25D 3/10**

using liquefied gases, e.g. liquid air {(for cooling semiconductor devices [H01L 23/445](#))}

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

For cooling semiconductor devices	<a href="#">H01L 23/445</a>
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**Special rules of classification**

Only cooled rooms, otherwise classify in [F25B 19/005](#)

Classify in [F25D 3/12](#) when CO<sub>2</sub> snow (dry ice) is claimed or mentioned.

**F25D 3/11**

with conveyors carrying articles to be cooled through the cooling space

**Special rules of classification**

Conveyors in general	<a href="#">B65G</a>
Stationary devices with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 13/06</a>
By conveyors	<a href="#">F25D 25/04</a>
Using solidified gases with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 3/127</a>

**F25D 3/12**

using solidified gases, e.g. carbon-dioxide snow

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Solidifying carbon dioxide	<a href="#">C01B 32/55</a>
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**Special rules of classification**

Classify in [F25D 3/10](#) when liquid N<sub>2</sub> is claimed or mentioned.

**F25D 3/127**

**{Stationary devices with conveyors carrying articles to be cooled through the cooling space}**

**References****Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Using liquefied gases with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 3/11</a>
Stationary devices with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 13/06</a>
By conveyors	<a href="#">F25D 25/04</a>
Conveyors in general	<a href="#">B65G</a>

**F25D 5/00**

**Devices using endothermic chemical reactions, e.g. using frigorific mixtures**

**Definition statement**

*This place covers:*

Cooling by endothermic chemical reaction between substances triggered by for example rupturing/piercing a membrane.

**F25D 7/00**

**Devices using evaporation effects without recovery of the vapour (butter or cheese dishes with cooling devices [A47G 19/26](#))**

**Definition statement**

*This place covers:*

The cooling effect is derived from the evaporation of water, for which a supply of heat is required.

**References****Limiting references**

*This place does not cover:*

Vacuum coolers	<a href="#">F25D 31/00</a>
Butter or cheese dishes with cooling devices	<a href="#">A47G 19/26</a>
Evaporative coolers	<a href="#">F24F 5/0035</a> , <a href="#">F28D 5/00</a>

**Special rules of classification**

Classification of devices using evaporation effects without recovery of the vapour at ambient pressure.

**F25D 11/00****Self-contained movable devices, e.g. domestic refrigerators****References****Limiting references**

*This place does not cover:*

By forced circulation	<a href="#">F25D 17/06</a>
Purses, travelling bags or baskets, suitcases	<a href="#">A45C</a>
Hand carts	<a href="#">B62B</a>
Containers for storage or transport of articles or materials	<a href="#">B65D</a>

**F25D 11/006**

**{with cold storage accumulators}**

**Special rules of classification**

In case cold accumulators are arranged inside a refrigerator.

Cold storage accumulators in devices not associated with refrigerating machinery and emphasize on heat exchanger itself, classify in [F25D 3/005](#).

When heat exchangers are combined with a cooling system, classify in [F25D 16/00](#).

**F25D 11/022**

**{with two or more evaporators}**

**References****Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Compression machines, plant, or systems, with several evaporator circuits, e.g. for varying refrigerating capacity	<a href="#">F25B 5/00</a>
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**F25D 11/025**

**{using primary and secondary refrigeration systems}**

**References****Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Machines, plant, or systems, using primary and secondary systems	<a href="#">F25B 25/005</a>
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**F25D 11/027****{of the sorption cycle type}****Special rules of classification**

Documents with one cooling compartment and sorption cycle classify in [F25D 11/027](#) and [F25D 11/00](#).

**F25D 13/06****with conveyors carrying articles to be cooled through the cooling space****References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Using liquefied gases with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 3/11</a>
Using solidified gases with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 3/127</a>
By conveyors	<a href="#">F25D 25/04</a>
Conveyors in general	<a href="#">B65G</a>

**F25D 15/00****Devices not covered by group [F25D 11/00](#) or [F25D 13/00](#), e.g. non-self-contained movable devices****Definition statement**

*This place covers:*

Products cooled by a cooling system at a remote place;

Devices for freezing of pipes for forming a frozen ice plug in a section of a pipe to be repaired.

Movable devices implies also refrigerators.

**Special rules of classification**

Classify also in [F25D 17/02](#) in case of cooling by circulating a coolant.

Classify also in [F25D 17/06](#) in case of cooling by cold air.

**F25D 16/00****Devices using a combination of a cooling mode associated with refrigerating machinery with a cooling mode not associated with refrigerating machinery****Special rules of classification**

When heat exchangers are combined with a cooling system, classify in [F25D 16/00](#).

In case cold accumulators are arranged inside a refrigerator, classify in [F25D 11/006](#).

Cold storage accumulators in devices not associated with refrigerating machinery and emphasize on heat exchanger itself, classify in [F25D 3/005](#).

**F25D 17/005****{in cold rooms}****Special rules of classification**Classification in [F25B 25/005](#) when primary refrigeration cycle is important.**F25D 17/04****for circulating air, e.g. by convection****Definition statement***This place covers:*

Circulation of air by natural convection.

**References****Limiting references***This place does not cover:*

Forced circulation of air is classified in	<a href="#">F25D 17/06</a>
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**F25D 17/042****{Air treating means within refrigerated spaces (air conditioning in general [F24F](#))}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Treating air flowing to refrigeration compartments	<a href="#">F25D 2317/04</a>
Preservation of food in general	<a href="#">A23B 2/00</a>
Preservation or chemical ripening of fruit or vegetables	<a href="#">A23B 7/00</a>
Disinfection, sterilization or deodorization of air	<a href="#">A61L 9/00</a>
Filtering material for liquid or gaseous fluids	<a href="#">B01D 39/00</a>
Ion generating apparatus	<a href="#">H01T 23/00</a>

**Special rules of classification**Treating air flowing to refrigeration compartments by purification (dehumidification, humidification, deodorizing, ozone generator and uv-lamp) is additionally classified in [F25D 2317/041](#) and lower.Treating air flowing to refrigeration compartments by creating a vacuum in a storage compartment to store products under vacuum is additionally classified in [F25D 2317/043](#). Vacuum cooling is classified in [F25D 31/00](#).



**F25D 17/045****{Air flow control arrangements}****Definition statement***This place covers:*

Air dampers; Air valves.

**F25D 17/06****by forced circulation****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Air flow control arrangements	<a href="#">F25D 17/045</a>
Ventilator details	<a href="#">F04</a>

**Special rules of classification**Circulation of air by natural convection is classified in [F25D 17/04](#).Control of air circulation is also classified in [F25D 17/06](#).Special arrangements or features of forced air circulation within refrigerated spaces are additionally classified in [F25D 17/06](#) and lower.Additionally classify in [F25D 21/002](#) in case of defrost control.**F25D 17/08****using ducts****Definition statement***This place covers:*

Ducts for cooling by radiation, i.e. indirect cooling.

**F25D 19/00****Arrangement or mounting of refrigeration units with respect to devices {or objects to be refrigerated, e.g. infrared detectors}****Definition statement***This place covers:*

Mounting of complete refrigeration units.

**References****Limiting references***This place does not cover:*

Mounting of components of refrigerating machinery	<a href="#">F25D 23/006</a>
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**F25D 21/002****{Defroster control}****References****Limiting references***This place does not cover:*Classification in [F25B 47/02](#) when frost is removed by heat of the refrigeration cycle.**F25D 21/06****Removing frost (defrosting cycles [F25B 47/02](#))****References****Limiting references***This place does not cover:*Classification in [F25B 47/02](#) when frost is removed by heat of the refrigeration cycle.**Informative references***Attention is drawn to the following places, which may be of interest for search:*

Alternate defrosting	<a href="#">F25B 2347/021</a>
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**F25D 21/14****Collecting or removing condensed and defrost water; Drip trays****References****Limiting references***This place does not cover:*

Passenger or goods spaces characterized by condensed liquid drainage means	<a href="#">B60H 1/3233</a>
Removing condensate in air-conditioning	<a href="#">F24F 13/22</a>
Collecting and removing condensate for heat-exchangers	<a href="#">F28B 9/08</a>

**Informative references***Attention is drawn to the following places, which may be of interest for search:*

Cooling refrigerating machinery	<a href="#">F25D 23/003</a>
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**Special rules of classification**Special arrangements or features of collecting condense or defrost water are additionally classified in [F25D 21/14](#) and lower.

**F25D 23/003****{for cooling refrigerating machinery}****Definition statement***This place covers:*

Cooling of compressor and condenser of refrigerated enclosures.

**References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Special arrangements or details for cooling refrigerating machinery	<a href="#">F25D 2323/002</a>
Cooling of compressor or motor	<a href="#">F25B 31/006</a>
Condensers with refrigerant heat exchange tubes positioned inside or around a vessel containing water or pcm to cool the refrigerant gas	<a href="#">F25B 2339/046</a>
Water-cooled condensers	<a href="#">F25B 2339/047</a>

**F25D 23/006****{for mounting refrigerating machinery components}****Definition statement***This place covers:*

Mounting of components of refrigerating machinery.

**References****Limiting references***This place does not cover:*

Mounting of complete refrigeration units:	<a href="#">F25D 19/00</a>
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**Special rules of classification**Special arrangements or features for cooling refrigerating machinery are additionally classified in [F25D 2323/002](#) and lower.**F25D 23/02****Doors; Covers ([F25D 23/08](#) takes precedence {locks or fastenings [E05B 65/0042](#)})****References****Limiting references***This place does not cover:*

Details not related to door itself, e.g. hinges, handles, actuators, dispensers are classified in	<a href="#">F25D 23/028</a>
Parts formed wholly or mainly of plastics materials	<a href="#">F25D 23/08</a>

Transparent doors	<a href="#">A47F 3/0434</a>
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### Informative references

Attention is drawn to the following places, which may be of interest for search:

Special arrangements or details of doors or covers not otherwise covered	<a href="#">F25D 23/028</a> , <a href="#">F25D 23/04</a>
Night covers display case	<a href="#">A47F 3/0469</a>
Locks or fastenings	<a href="#">E05B 65/0042</a>
Doors	<a href="#">E06B</a>

### Special rules of classification

[F25D 23/08](#) takes precedence.

French doors are additionally classified in [F25D 2323/021](#);

Doors that can be pivoted either left-handed or right-handed are additionally classified in [F25D 2323/022](#).

Door in door constructions are additionally classified in [F25D 2323/023](#).

## F25D 23/028

{Details}

### References

#### Limiting references

*This place does not cover:*

Details of refrigerator doors are classified in [F25D 23/02](#).

#### Informative references

Attention is drawn to the following places, which may be of interest for search:

Handles	<a href="#">A47B 95/02</a> , <a href="#">F24C 15/024</a> , <a href="#">E05F 11/54</a>
Locks or fastenings	<a href="#">E05B 65/0042</a> , <a href="#">E05C</a>
Hinges	<a href="#">E05D</a> , <a href="#">F25D 2323/024</a>

### Special rules of classification

All details not related to refrigerator door itself, e.g. hinges, handles, actuators, dispensers are classified in [F25D 23/028](#).

Door hinges are additionally classified in [F25D 2323/024](#).

**F25D 23/06**

**Walls ([F25D 23/08](#) takes precedence; containers with thermal insulation [B65D 81/38](#))**

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Insulation	<a href="#">F25D 2201/00</a>
Collapsible walls	<a href="#">F25D 2323/061</a>
Inflatable walls	<a href="#">F25D 2323/062</a>
Details of cabinets, racks or shelf units	<a href="#">A47B 96/00</a>
Shaping or joining of plastics; Shaping of substances in a plastic state, in general; after-treatment of shaped products, e.g. repairing	<a href="#">B29C</a>
Foaming	<a href="#">B29C 44/00</a>
Extrusion molding	<a href="#">B29C 48/00</a>
Production of refrigerators	<a href="#">B29L 2031/7622</a>
Insulation, layered products	<a href="#">B32B</a>
Containers with thermal insulation	<a href="#">B65D 81/38</a>
Insulation, vacuum panel	<a href="#">E04B 1/803</a>
Supports for pipes, cables or protective tubing	<a href="#">F16L 3/00</a>
Supports for pipes or cables inside other pipes or sleeves	<a href="#">F16L 7/00</a>
Thermal insulation in general	<a href="#">F16L 59/00</a>

**Special rules of classification**

[F25D 23/08](#) takes precedence.

Insulation (with respect to heat or sound) is additionally classified in [F25D 2201/00](#).

Collapsible walls are additionally classified in [F25D 2323/061](#).

Inflatable walls are additionally classified in [F25D 2323/062](#).

**F25D 23/087**

**{Sealing strips}**

**References****Informative references**

Attention is drawn to the following places, which may be of interest for search:

Magnetic gaskets	<a href="#">E05C 19/161</a>
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**F25D 23/126****{Water cooler}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Refrigerator doors; covers	<a href="#">F25D 23/02</a>
Special arrangements or details of the water filter for the water/ice dispenser	<a href="#">F25D 2323/121</a>
Special arrangements or details of the water tank for the water/ice dispenser	<a href="#">F25D 2323/122</a>
Filtering devices	<a href="#">B01D 35/00</a>
Dispensing beverages	<a href="#">B67D</a>
Ice dispenser	<a href="#">F25C 5/22</a>

**Special rules of classification**

Additionally classify in:

[F25D 23/02](#) when details of the door are claimed.[F25C 5/22](#) when details of an ice dispenser are claimed.[F25D 2323/121](#) when special arrangements or details of the water filter are claimed.[F25D 2323/122](#) when special arrangements or details of the water tank are claimed.**F25D 25/00****Charging, supporting, and discharging the articles to be cooled****Special rules of classification**

Additionally classify in:

[F25D 2331/80](#): Type of cooled receptacles.**F25D 25/02****by shelves****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Special arrangements or features of shelves with several possible configurations	<a href="#">F25D 2325/021</a>
Special arrangements or features of shelves made of glass or ceramic	<a href="#">F25D 2325/022</a>
Special arrangements or features of shelves made of wires	<a href="#">F25D 2325/023</a>
Type of cooled receptacles	<a href="#">F25D 2331/80</a>

Drawers, shelves	<a href="#">A47B</a>
Show stands, hangers or shelves	<a href="#">A47F 7/00</a>

### Special rules of classification

Additionally classify in:

[F25D 2325/021](#): Special arrangements or features of shelves with several possible configurations

[F25D 2325/022](#): Special arrangements or features of shelves made of glass or ceramic

[F25D 2325/023](#): Special arrangements or features of shelves made of wires

[F25D 2331/80](#): Type of cooled receptacles.

## F25D 25/022

### {Baskets}

#### Definition statement

*This place covers:*

Wire baskets.

## F25D 25/025

### {Drawers}

#### References

##### Informative references

Attention is drawn to the following places, which may be of interest for search:

Type of cooled receptacles	<a href="#">F25D 2331/80</a>
Drawers	<a href="#">A47B</a>

### Special rules of classification

Additionally classify drawers opened by sliding doors in [F25D 23/021](#).

## F25D 25/04

### by conveyors (in general [B65G](#))

#### References

##### Informative references

Attention is drawn to the following places, which may be of interest for search:

Using liquefied gases with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 3/11</a>
Using solidified gases with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 3/127</a>
Stationary devices with conveyors carrying articles to be cooled through the cooling space	<a href="#">F25D 13/06</a>

Conveyors in general	<a href="#">B65G</a>
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### Special rules of classification

Shelves or drawers which can be adjusted in height are classified in [A47B 57/06](#).

## F25D 27/00

### Lighting arrangements (in general [F21](#))

#### Definition statement

*This place covers:*

Lighting arrangements for lighting cooling enclosures, both inside and outside the enclosure.

#### Relationships with other classification places

Lighting in general: [F21](#).

#### References

##### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Special arrangements or features for lighting arrangements on the external side of the refrigerator, freezer or cooling box	<a href="#">F25D 2327/001</a>
Lighting devices	<a href="#">F21V 33/00</a>
Circuit arrangements for electric light sources	<a href="#">H05B 47/00</a>

## F25D 29/00

### Arrangement or mounting of control or safety devices

#### References

##### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Control issues <a href="#">F25D</a>	<a href="#">F25D 2600/00</a>
Means for sensing or measuring <a href="#">F25D</a> ; Sensors therefor <a href="#">F25D</a>	<a href="#">F25D 2700/00</a>
Arrangement or mounting of control or safety devices	<a href="#">F25B 49/00</a>
Telecontrol of temperature	<a href="#">G05D 23/1905</a>
Inventory	<a href="#">G06Q 10/087</a>

### Special rules of classification

[F25D 17/06](#) takes precedence;

[F25D 21/00](#) takes precedence;

[F25B 49/02](#) takes precedence, classify in [F25D 29/00](#) to distinguish a refrigerator over a refrigeration cycle.



[F25B 5/00](#) takes precedence, classify in [F25D 29/00](#) or [F25D 11/022](#) to distinguish a refrigerator over a refrigeration cycle.

Additional classification of control issues in [F25D 2600/00](#).

Additional classification of means for sensing or measuring and sensors therefor in [F25D 2700/00](#).

## F25D 29/005

### {Mounting of control devices}

#### Definition statement

*This place covers:*

Mounting of control devices; Mounting of sensors to refrigeration devices

#### Special rules of classification

Mounting of sensors to refrigeration devices are classified in [F25D 29/005/CCA](#).

## F25D 31/00

### Other cooling or freezing apparatus

#### Definition statement

*This place covers:*

Cooling by creating a vacuum.

#### References

##### Limiting references

*This place does not cover:*

Storing of products in a refrigerated enclosure under vacuum:	<a href="#">F25D 2317/043</a>
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## F25D 31/002

### {Liquid coolers, e.g. beverage cooler (receptacle coolers [F25D 31/006](#))}

#### References

##### Limiting references

*This place does not cover:*

Repectacle coolers	<a href="#">F25D 31/006</a>
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##### Informative references

*Attention is drawn to the following places, which may be of interest for search:*

Cooling of liquids with pour-throughs	<a href="#">F25D 2331/811</a>
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**F25D 31/006****{specially adapted for cooling receptacles, e.g. tanks}****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Type of cooled receptacles	<a href="#">F25D 2331/80</a>
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**F25D 31/007****{Bottles or cans}****References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Type of cooled receptacles	<a href="#">F25D 2331/80</a>
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**F25D 31/008****{Drinking glasses}****Definition statement***This place covers:*

Pre-chilling of glasses.

**References*****Informative references****Attention is drawn to the following places, which may be of interest for search:*

Type of cooled receptacles; Glasses	<a href="#">F25D 2331/808</a>
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