

List of HFC Equipment

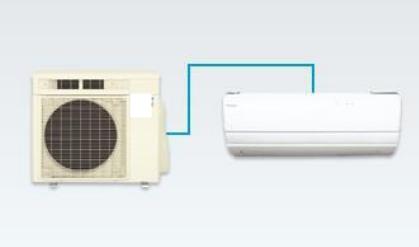
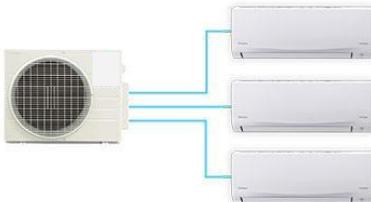
(The list provided serves as a reference and may not be comprehensive)

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1. Refrigeration and Air-conditioning

A. Unitary Air Conditioning

Sub-application	Graphic examples	Sub-application	Graphic examples
Window air-conditioner, through-the-wall Air Conditioners/Casement		Split air-conditioner/ Single-unit system	
Multi-split air-conditioner		Portable air-conditioners	
Packaged Air Conditioner	 	Heat pump water heater	 

Heat pump dryer (clothes dryer)		VRF system	
Computer room air conditioning			

B. Mobile air-conditioning

Sub-application	Graphic examples	Sub-application	Graphic examples
Passenger car		Omnibuses/coaches/minibuses	
Taxis			
Vans			
Vehicle battery thermal management system (Electric vehicles e.g electric bus)			

C. Chillers

Sub-application	Graphic examples	Sub-application	Graphic examples
Water-cooled chillers		Air-cooled chillers	

D. Domestic refrigeration

Sub-application	Graphic examples	Sub-application	Graphic examples
Household refrigerators and freezers - compact /Upright Fridges -non-compact or built-in appliances		Refrigerator + Freezer (Compact, non compact & built-in, <900L)	
		Refrigerator with through the door ice dispenser (Compact, non compact & built-in, <900L)	

E. Commercial Refrigeration

Sub-application	Graphic examples	Sub-application	Graphic examples
Vending Machines		Commercial Ice making machine	
Portable freezer		Commercial wine coolers/chillers	
Beverage dispensers/soda fountains		Bar Refrigerators	
Remote Condensing System *The compressor and condenser are located separately from the refrigerated case. Freezer Condenser Unit (Supermarket Systems) Walk-in refrigerator/freezer/chiller	 	Self-contained System/Split System *Refrigerated case and complete refrigeration system such as condenser and evaporators are combined into a single physical unit. Majority of commercial kitchen refrigerators	 

Display Fridges/Freezers/ Chillers		Countertop display Fridges	
Counter Fridges/Freezers/ch illers		Barline chiller	
Reach-in Refrigerator/freezer	 	Commercial Ice Cream Freezers/ice cream display case/island freezer	 
Open showcase chiller		Salad bar prep counter chiller	

Commercial Refrigerator		Blast Chiller/Freezer	
Roll-in refrigerated storage cabinets		Ice rinks	
Mortuary fridge/refrigerator			

F. Industrial refrigeration

Sub-application	Graphic examples	Sub-application	Graphic examples
Condensing units		Cold rooms/cold food storage	
Centralised systems		Cooling plants	
Industrial ice-making machines/ice makers		Laboratory refrigerators	
Industrial heat pumps			

G. Transport refrigeration

Sub-application	Graphic examples	Sub-application	Graphic examples
Refrigerated trucks/trailers	 	Refrigerated Containers, Refrigerated vessels (reefers)	
Refrigerated reefer unit load device (ULD) used in aircraft (Air cargo/air container)			 

2. Fire suppression

A. Portable (Streaming)

Sub-application	Graphic examples
Portable fire extinguisher	

B. Fixed (flooding)

Sub-application	Graphic examples
Fire suppression/total gas flooding system (in data rooms, engine bay and other sensitive installations)	

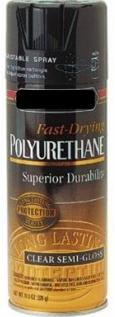
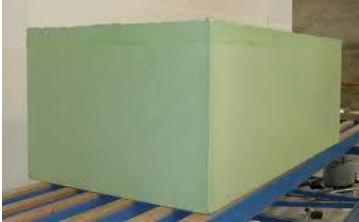
3. Foam Blowing

*PU: Polyurethane

A. Open Cell Foams

Sub-application	Graphic examples	Sub-application	Graphic examples
PU Flexible		PU Moulded	
PU Integral Skin		PU One Component	
Rigid PU Marine Flotation Foam *can be both, commonly open		Rigid PU high-pressure two-component spray foam/Rigid PU low-pressure two-component spray foam	

B. Closed Cell Foams

Sub-application	Graphic examples	Sub-application	Graphic examples
PU Panel (PUR)		PU Appliance	
PU Block		PU Spray	
PU Pipe-in-pipe		Rigid PU + Polyisocyanurate Laminated Boardstock	
Rigid PU Slabstock and Other		Rigid PU Commercial Refrigeration and Sandwich Panels	

Extruded Polystyrene (XPS)		XPS Boardstock and Billet	
Phenolic Block from High Density Phenolic Foam		Phenolic Laminate	
Phenolic Insulation Board + Bunstock			