



Cellar Coolers

PRODUCT RANGE 2025

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Cellar Cooler Product Range

Ideal for beer cellars and other cooling applications at room temperature down to 4 °C

- Cooling range: 2.57 - 7.28 kW
- Refrigerants R448A or R449A
- Works up to 4°C

Product Description:

- The Cellar Cooler is a high-performance cooling system designed for a wide range of applications including cellars, flower stores, fruit and vegetable rooms and others.

Product features:

- All systems operate using R448A or R449A refrigerants
- Scroll compressor equipped with enclosed outdoor unit
- Includes microchannel condenser, liquid receiver, refrigerant charge and service valves
- Acoustically encased compressor compartment to reduce noise
- Dixell electronic controller with closed loop defrost functionality.
- Includes LP (Low Pressure) and HP (High Pressure) safety switches.
- Long life white powder coat finish
- The indoor unit has hinged side panels for easy access.

Markets Served

Pubs



Florist



Fruit&Vegetable



Performance Data: Gas R448A / R449A Compressor Tecumseh / Danfoss

Model	Cooling Capacity (watts) Ambient 32°C								Above Ground	Below Ground
	Room Temperature °C									
	4°C	6°C	8°C	10°C	12,7°C	14°C	16°C	18°C	M ³	
ICF-0HM11-T3.2L6	1,79	1,95	2,12	2,30	2,57	2,70	2,92	3,1	34	42
ICF-1HM11-T4.6L6	2,55	2,79	3,04	3,30	3,69	3,88	4,20	4,5	46	56
ICF-1HM11-T6.1L6	3,34	3,65	3,98	4,33	4,83	5,08	5,50	5,7	60	94
ICF-3CM11-N5.9L6	3,99	4,33	4,70	5,09	5,65	5,95	6,41	6,6	68	107
ICF-3CM11-N7.6L6	5,18	5,52	6,08	6,57	7,28	7,65	8,23	8,5	122	158

Technical Data

Model	Nominal Cooling Kw	Outdoor Indoor Unit Model	Airflow m3/hr indoor	Airflow m3/hr outdoor	Pipework		Max Pipe Run	
					Liquid	Suction	Length	Rise
ICF-0HM11-T3.2L6	2,57	T3.2L6	1525	1390	3/8"	5/8"	25	5
		30.11 DS5						
ICF-1HM11-T4.6L6	3,69	T4.6L6	1400	1440	3/8"	5/8"	25	5
		35.11 DS4						
ICF-1HM11-T6.1L6	4,83	T6.1L6	2400	1790	3/8"	5/8"	25	8
		40.11 DS4						
ICF-3CM11-N5.9L6	5,65	N5.9L6	3680	2610	1/2"	3/4"	25	8
		40.11 DS5						
ICF-3CM11-N7.6L6	7,28	N7.6L6	2800	3470	1/2"	3/4"	25	8
		35.12 DS4						

Electrical Data

Model	Power Supply	Power Input	FLA Amps	Noise Levels dB(A)	Interconnecting Cable	Fuse Rating
ICF-0HM11-T3.2L6	230/1/50	1,14	5,38	30	3x2,5mm 3x1mm	10A
ICF-1HM11-T4.6L6	230/1/50	1,49	7,32	30	3x2,5mm 3x1mm	16A
ICF-1HM11-T6.1L6	230/1/50	2,04	8,97	31	3x2,5mm 3x1mm	16A
ICF-3CM11-N5.9L6	230/1/50	1,75	8,12	31	3x4mm 3x1mm	20A
ICF-3CM11-N7.6L6	230/1/50	2,38	12,10	33	3x4mm 3x1mm	25A

System Charge

Outdoor Model	Pre-charge kg
ICF-0HM11-T3.2L6	1,2
ICF-1HM11-T4.6L6	1,2
ICF-1HM11-T6.1L6	1,7
ICF-3CM11-N5.9L6	1,8
ICF-3CM11-N7.6L6	2,1

Physical

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
ICF-0HM11-T3.2L6	875	485	610	75
ICF-1HM11-T4.6L6	925	485	710	85
ICF-1HM11-T6.1L6	925	485	710	85
ICF-3CM11-N5.9L6	1175	470	910	90
ICF-3CM11-N7.6L6	1175	470	910	95
ICC 30.11 DS5 06A E4A	770	395	465	23
ICC 35.11 DS4 06A E4A	870	395	560	29
ICC 40.11 DS4 06A E4A	1370	395	560	38
ICC 40.11 DS5 06A E4A	920	395	655	40
ICC 35.12 DS4 06A E4A	920	395	655	48

Selections should be made based on the following criteria:

- Rooms to be kept at +4°C
- Room walls, ceilings and floors must be fully insulated with a thickness of 80 mm.
- Product load 65kg/m3, room holding temperature should not exceed 5k.
- Ambient temperature is 32°C
- Normal air changes
- Refrigerant R448A / R449A

For different conditions, please contact our technical department.

The IBS Cellar Cooler is an advanced solution designed for cooling and air conditioning systems, offering high efficiency and durability. Produced with modern engineering techniques, the Cellar cooler is developed to provide maximum performance in both commercial and industrial applications.



- Factory tested ready to install
- High performance at partial loads
- Ease of installation
- Easy service and maintenance

- Single phase and three phase option High quality Copeland scroll compressors
- Optional blue fin coating on condenser coils for added protection

Protect your perishables with modern cellar cooling
 IBS's silent cellar cooling units allow you to cool multiple types of products by reducing the temperature of a room by up to 4°C* and are electronically controlled for simple, accurate temperature adjustment. All our beer and wine cooling units have the capacity to run up to 25 metres of pipe for total flexibility and can use R448A or R449A refrigerants. The units are easy to install, keeping costs and installation time to a minimum. On top of that, every unit comes with a three-year warranty for peace of mind.







INSTALLER & SERVICE BENEFITS

-  Less complexity
-  Easy installation
-  Easy maintenance & service
-  Reduced installation & commissioning time



END USER BENEFITS

-  Optimum food preservation
-  Higher energy savings
-  Top reliability
-  High acoustic comfort

Other Commercially Available Products



SCROLL & HERMETIC

A complete range of piston or scroll units in various frame sizes with multiple refrigerant options

MT: 1.4kW - 16.4kW

LT: 0.5kW - 14.6kW



SEMI HERMETIC

A complete range of piston units in various frame sizes with multiple refrigerant options

MT: 16.4kW - 49kW

LT: 14.6kW - 49kW



DIGITAL SCROLL

Scroll compressors ranging from 4 hp to 16 hp

4.2kW - 16.8kW



INVERTER SCROLL

With the increasing demand for higher efficiency systems at part load, the Scroll Inverter model

2.5kW - 14.8kW



A2L CONDENSING UNIT

These new units, using the Lowest Gwp refrigerant, are specifically designed for A2L refrigerants.

1,7kW - 11.7kW



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