

# An all-new user experience and ensuring simple configuration

DAIKIN USER is the new App that allows end users of refrigerating systems to interact with the latest generation electronic controllers equipped with Bluetooth technology.

It has been developed to be unique: rather than different versions for each device, there is just one App for all compatible current and future devices.



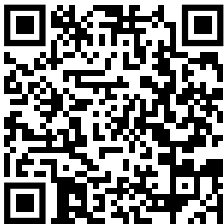
With a simple and intuitive interface and only using a smartphone, **DAIKIN USER** revolutionises and simplifies the use of refrigerating units, through the use of a mobile device, without the need for PCs, serial converters and optional terminals.

Functions and parameters are managed via profiles so as to ensure the correct access level based on the type of user.

## The main features are:

- Simple and intuitive multilingual interface
- No new technology or experience needed: smartphones and apps are commonly used by most of the world's population
- Wireless connectivity with the devices via Bluetooth, avoiding the need for additional wiring in the field
- Control of temperatures read-out
- HACCP data recording
- Up-to-date documentation relating to the connected controller

Mobile app available on:



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EN ISO 5801  
ISO 3746  
EN 13215

# LMS-LMC Inverter Monoblock features

## Standard equipment

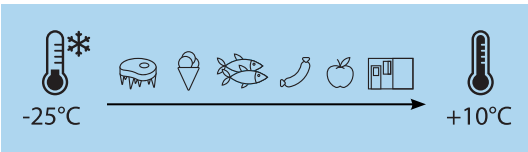
- Inverter driven hermetic reciprocating compressor
  - 50/60 Hz power supply
  - CE Certified
  - Filter dryer
  - Electronic expansion valve
  - Hot gas defrost
  - Electronic control board
  - Electrical switchboard with protection fuses
  - Fixed calibration HP switch with automatic reset
- 
- 5 m cable for power supply
  - 2 m cold room lighting cable (light bulb and bulb as option)
  - 5 m micro-switch door cable (Microswitch as option)
  - 5m cable for door heater

## LMS only

- Condensate evaporation tray
- Remote control panel (optional)
- Condenser fan ON/OFF controlled by temperature probe
- Microchannel condenser

## LMC only

- Remote control panel (as standard)
- 5m cable for remote control panel
- Microchannel air cooled condenser



MIN INVERTER FREQ.		MAX INVERTER FREQ.	
0°	1.099W (8,4m³)	A LMSEY1A09AVM01	1.240W (10,0m³)
	1.099W (8,4m³)	LMSEY1A13AVM01	1.671W (15,3m³)
	1.922W (17,4m³)	B LMSEY2A19AVE01	2.480W (25,8m³)
	1.922W (17,4m³)	LMSEY2A25AVE01	3.368W (39,4m³)
Tamb = 32°C / Tc = 0°C	1.077W (8,2m³)	C LMCEY1A13AVM01	1.645W (14,9m³)
	1.991W (18,5m³)	D LMCEY2A19AYE01	2.584W (27,4m³)
	1.991W (18,5m³)	LMCEY2A25AYE01	3.355W (39,2m³)

-20°	490W (1,6m³)	A LMSEY1A09AVM01	704W (3,1m³)
	490W (1,6m³)	LMSEY1A13AVM01	942W (5,1m³)
	917W (4,9m³)	B LMSEY2A19AVE01	1.369W (9,6m³)
	917W (4,9m³)	LMSEY2A25AVE01	1.859W (15,6m³)
Tamb = 32°C / Tc = -20°C	597W (2,3m³)	C LMCEY1A13AVM01	904W (4,7m³)
	1.024W (5,9m³)	D LMCEY2A19AYE01	1.432W (10,3m³)
	1.024W (5,9m³)	LMCEY2A25AYE01	1.784W (14,7m³)

## Technical Specifications - Model Comparison

Model	A LMSEY1A09AVM01 LMSEY1A13AVM01	B LMSEY2A19AYE01 LMSEY2A25AYE01	C LMCEY1A13AVM01	D LMCEY2A19AYE01 LMCEY2A25AYE01
Power supply	V/Ph/Hz			
Compressor	Hermetic + inverter			
Compressor displacement	cc			
Refrigerating circuits	1	2	1	2
Expansion device	EEV			
Defrost	Hot gas			
Condenser fan	1 x 230	2 x 230	1 x 230	2 x 230
Condenser airflow <sup>1</sup>	555	939	532	1030
Evaporator fan	1 x 230	2 x 230	1 x 230	2 x 230
Evaporator airflow <sup>1</sup>	597	1114	336	865
Evaporator airtthrow <sup>2</sup>	9,6	9,6	1,3	1,7
Operating sound pressure <sup>3</sup>	39,4	43,9	38	44
Unit weight	52	83,5	60	101
Cold room temperature range	+10 ÷ -25	+10 ÷ -25	+10 ÷ -25	+10 ÷ -25
Max ambient temperature	45	45	45	45
Standards for cooling capacity determination <sup>4</sup>	EN 13215	EN 13215	EN 13215	EN 13215
Propane refrigerant charge	Charge limited up to 150 gr per circuit			



1. According to EN ISO 5801  
2. According to CECOMAF GT 6-001 (final velocity = 0,25 m/s)  
3. According to UNI EN ISO 3746  
4. EN 13215: "Packaged refrigerating units for walk-in cold rooms - Classification, performance and energy consumption testing"

## LMS Inverter Monoblock



Multiple monoblocks, up to 5 pieces in a master-slave configuration (1 master + 4 slaves), can be installed within one cold room to satisfy the cooling needs.

## LMC Inverter Monoblock

