



# Uni-block system for low and medium temperature refrigeration

LMSLN-AV3/AW1,  
LMSMD-AV3/AW1



Reciprocating  
compressor

## For wall mounted installation in small and medium sized cold rooms

- › Rapid mounting on the wall of the cold room by straddle-mounting, which is ideal for new installations or through-wall mounting, which is ideal for refurbishment projects
- › Metallic grey coloured finish of the outdoor unit
- › The white colour of the evaporator blends unobtrusively with the cold room walls
- › Compressor compartment insulated with suitable soundproofing material to reduce sound levels
- › Microchannel condensers available in order to reduce the refrigerant charge as much as possible and ensuring higher energy efficiency

# LMSLN-AV3/AW1, LMSMD-AV3/AW1



LMSLN-AV3/AW1, LMSMD-AV3/AW1

Low Temperature Refrigeration				LMSLN-AV3/AW1	100	120	170	172	200	300
Refrigerating capacity	Low temperature	R-452A	Nom	kW	0.579 (2)	0.807 (2)	0.922 (2)	1.193 (2)	1.526 (2)	2.090 (2)
Recomm. Cold Room Volume	Low temperature	V 100		m <sup>3</sup>	2.2 (2)	3.9 (2)	4.9 (2)	7.6 (2)	11.4 (2)	18.1 (2)
Power input	Max.			W	910.00	1,300.00	2,000.00	2,080.00	2.54	3.20
Dimensions	Unit	Height x Width x Depth		mm	930 x 925 x 530			930 x 925 x 865		1,030 x 1,150 x 840
Weight	Unit			kg	60.0	61.0	78.0	80	114	
	Packed unit			kg	75.0	76.0	95.0	97	133	
Compressor	Type	Hermetic Reciprocating								
Refrigerant	Type	R-452A								
	GWP	2,141								
Evaporator	Air flow			m <sup>3</sup> /h	530			1,050		1,370
	Air throw			m	5 (1)					8 (1)
Defrost		Hot gas								
Power supply	Voltage/Phase/Frequency			V/Hz	230/1~/50			400/3N~/50		

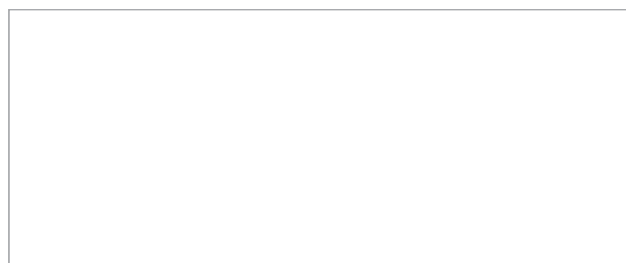
Medium Temperature Refrigeration				LMSMD-AV3	030	050	060	075	100	102	122	
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	0.838 (2)	0.952 (2)	1.112 (2)	1.388 (2)	1.491 (2)	1.768 (2)	1.920 (2)	
Recomm. Cold Room Volume	Medium temperature	V 100		m <sup>3</sup>	5.7 (2)	6.8 (2)	8.6 (2)	11.8 (2)	13.0 (2)	16.5 (2)	18.5 (2)	
Power input	Max.			W	970	1,220	1,430	1,690	1,780	1,890	2,330	
Dimensions	Unit	Height x Width x Depth		mm	930 x 925 x 530				930 x 925 x 865			
Weight	Unit			kg	48	49	54	55	73			
	Packed unit			kg	63	64	69	70	90			
Compressor	Type	Hermetic Reciprocating										
Refrigerant	Type	R-134a										
	GWP	1,430										
Evaporator	Air flow			m <sup>3</sup> /h	530				1,050			
	Air throw			m	5 (1)							
Defrost		Hot gas										
Power supply	Voltage/Phase/Frequency			V/Hz	230/1~/50							

Medium Temperature Refrigeration				LMSMD-AW1	120	130	150	200
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	1.992 (2)	2.275 (2)	3.129 (2)	3.430 (2)
Recomm. Cold Room Volume	Medium temperature	V 100		m <sup>3</sup>	18.5 (2)	22.7 (2)	35.7 (2)	40.3 (2)
Power input	Max.			W	2,420	2,790	3,070	3,380
Dimensions	Unit	Height x Width x Depth		mm	930 x 925 x 865			1,030 x 1,150 x 840
Weight	Unit			kg	73	75	91	93
	Packed unit			kg	90	92	110	112
Compressor	Type	Hermetic Reciprocating						
Refrigerant	Type	R-134a						
	GWP	1,430.0						
Evaporator	Air flow			m <sup>3</sup> /h	1,050		1,370	
	Air throw			m	5 (1)		8 (1)	
Defrost		Hot gas						
Power supply	Voltage/Phase/Frequency			V/Hz	400/3~/50			

(1) Use air throw as a base. Air throw is affected by many factors such as height of room, product storage, location of evaporator, etc.  
 (2) Low temperature: when normally running: -22°C / +32°C | Medium temperature: when normally running: 0°C / +32°C  
 Contains fluorinated greenhouse gases

**Daikin Europe N.V.** Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · [www.daikin.eu](http://www.daikin.eu) · BE 0412 120 336 · RPR Oostende (Responsible Editor)



ECPEN17-820

09/17



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

The present publication supersedes /