



Uni-block system for low and medium temperature refrigeration

LMCLN-AV3/AW1,
LMCMD-AV3/AW1



Reciprocating
compressor

For roof mounted installation in small and medium sized cold rooms

- › Rapid mounting on the roof of the cold room
- › Ceiling assembly leaves the space inside the cold room completely free
- › The white colour of the evaporator blends unobtrusively with the cold room walls
- › Extremely fast to assemble, reducing installation time and cost
- › Best surface-to-capacity ratio

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Low Temperature Refrigeration				LMCLN-AV3/AW1	100	170	200	300
Refrigerating capacity	Low temperature	R-452A	Nom	kW	0.565 (2)	0.931 (2)	1.527 (2)	2.212 (2)
Recom. Cold Room Volume	Low temperature	V 100		m ³	2.1 (2)	5 (2)	11.4 (2)	20.2 (2)
Power input	Max.			W	910	1,970	2,540	3,210
Dimensions	Unit	Height x Width x Depth		mm	690 x 830 x 540	660 x 790 x 730	690 x 880 x 930	800 x 1,000 x 930
Weight	Unit			kg	48.0	68.0	87.0	102.0
	Packed unit			kg	61.0	82.0	222.0	124.0
Compressor	Type				Hermetic Reciprocating			
Refrigerant	Type				R-452A			
	GWP				2,141			
Evaporator	Air flow			m ³ /h	500	550	1,100	2,300
	Air throw			m	3 (1)		4 (1)	9.5 (1)
Defrost					Hot gas			
Power supply	Voltage/Phase/Frequency			V/Hz	230/1~/50			400/3~/50

Medium Temperature Refrigeration				LMCMD-AV3	050	060	075	100	122
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	0.836 (2)	1.091 (2)	1.302 (2)	1.761 (2)	1.979 (2)
Recom. Cold Room Volume	Medium temperature	V 100		m ³	5.7 (2)	8.3 (2)	10.8 (2)	16.4 (2)	18.3 (2)
Power input	Max.			W	1,230	1,480	1,740	1,900	2,350
Dimensions	Unit	Height x Width x Depth		mm	690 x 830 x 540	660 x 790 x 730		690 x 880 x 930	
Weight	Unit			kg	42.0		59.0	74.0	75.0
	Packed unit			kg	55.0		73.0	95.0	97.0
Compressor	Type				Hermetic Reciprocating				
Refrigerant	Type				R-134a				
	GWP				1,430				
Evaporator	Air flow			m ³ /h	500		550		1,100
	Air throw			m	3 (1)			4 (1)	
Defrost					Hot gas				
Power supply	Voltage/Phase/Frequency			V/Hz	230/1~/50				

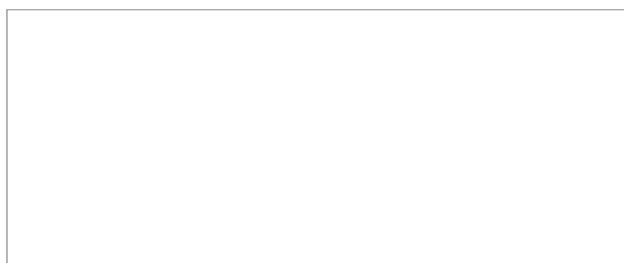
Medium Temperature Refrigeration				LMCMD-AW1	120	150	200	300
Refrigerating capacity	Medium temperature	R-134a	Nom	kW	1.979 (2)	3.209 (2)	3.482 (2)	4.752 (2)
Recom. Cold Room Volume	Medium temperature	V 100		m ³	18.3 (2)	36.9 (2)	41.1 (2)	61.1 (2)
Power input	Max.			W	2,430	2,930	3,220	3,670
Dimensions	Unit	Height x Width x Depth		mm	690 x 880 x 930	800 x 1,000 x 930		920 x 1,120 x 1,200
Weight	Unit			kg	75.0	92.0	93.0	151.0
	Packed unit			kg	87.0	114.0	115.0	184.0
Compressor	Type				Hermetic Reciprocating			
Refrigerant	Type				R-134a			
	GWP				1,430			
Evaporator	Air flow			m ³ /h	1,100		2,300	3,450
	Air throw			m	4 (1)			9.5 (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

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