



# Mini-ZEAS condensing unit for commercial refrigeration with scroll technology

LRMEQ-AY1



Inverter



Scroll compressor

## Refrigeration solution for small food retailers

- › Designed specifically for small capacity refrigeration applications in small food stores (eg. in bakeries and butchers), cold rooms, bottle coolers and display cabinets
- › Reduced running costs
- › Up to 75% smaller than equivalent products in the market, ideal for those places where space is limited
- › Low operating sound level
- › Plug and play system reduces installation time and cost

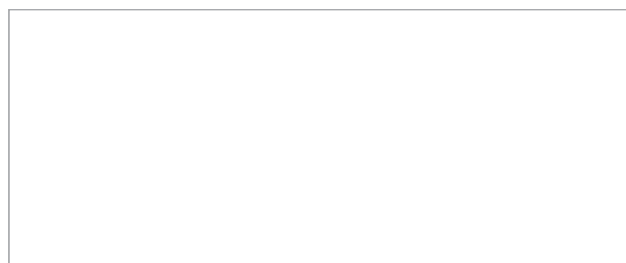
# LRMEQ-AY1



Medium Temperature Refrigeration				LRMEQ-AY1	LRMEQ3AY1	LRMEQ4AY1
Refrigerating capacity	Medium temperature	Nom.	kW		5.9 (1)	8.4 (1)
Power input	Medium temperature	R-410A	Nom	kW	2.50 (1)	3.24 (1)
Seasonal energy performance ratio SEPR	R-410A	Te -10°C			3.03	3.27
Annual electricity consumption Q	R-410A	Te -10°C		kWh/a	11,979	15,800
Parameters at full load and ambient temp. 32°C (Point A)	R-410A	Te -10°C	Rated COP (COPA)		2.36	2.60
Parameters at full load and ambient temp. 43°C	R-410A	Te -10°C	Declared COP (COP3)		1.60	1.87
Dimensions	Unit	Height	mm		1,345	
		Width	mm		900	
		Depth	mm		320	
Weight	Unit		kg		122	
Heat exchanger	Type				Cross fin coil	
Compressor	Motor	Quantity			1	
		Model			Inverter	
		Type			Hermetically sealed scroll compressor	
	Crankcase heater	Output	W		33	
Fan	Type				Propeller fan	
	Quantity				2	
	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	106	
Fan motor	Output			W	70	
Sound pressure level	Nom.			dBA	51	
Operation range	Evaporating temperature	Min.		°C	-10	
		Max.		°C	2	
	Ambient temperature	Min.~Max.		°CDB	-10~43	
Refrigerant	Type				R-410A	
	GWP				2,087.5	
	Charge			kg	4.0	
				TCO <sub>2</sub> eq	8.4	
	Control				Electronic expansion valve	
	Circuits	Quantity			1	
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415	

(1) Cooling: evaporating temp. -10°C; outdoor temp. 32°C; suction SH10°C | Contains fluorinated greenhouse gases

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ECPEN 16-809

06/16



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