









Swing compressor

Refrigeration solution for various application featuring award winning swing technology with

- > Condensing units ideal for commercial and industrial applications with variable cooling capacity
- > Compressor controlled by inverter
- > Daikin swing compressor
- > Suitable for outdoor use in different climatic conditions
- > Wide range of capacities

LREN-A



Low Temperatur							
Medium Temper Heat Recovery	ature Refrige	eration,	LREN	8AY1	10AY1	12AY1	12AY1 +LRNUN5AY1
Refrigerating	Low N	lom.	kW	11.2 (1)	13.5 (1)	15.5 (1)	17.3 (1)
capacity	Medium N	lom.	kW	19.8 (2)	23.1 (2)	26.3 (2)	31.7(2)
Power input	Low N	lom.	kW	11.6 (1)	14.1 (1)	16.9 (1)	18.6 (1)
	Medium N	lom.	kW	10.7 (2)	13.2 (2)	15.5 (2)	20.1 (2)
COP	Medium N	lom.		1.86 (2)	1.75 (2)	1.69 (2)	1.58 (2)
Dimensions	Unit HeightxWidthxDepth mm		mm	1,680 x1,930 x765			
Weight	Unit		kg	547			
Heat exchanger	Type			Cross fin coil (waffle louver fins and Hi-X tubes)			
Compressor	Type			Hermetically sealed swing compressor			
	Output		W	4,600.0			
	Piston displacement m ³ /l		m³/h	6.16			
	Starting method			Direct on line (inverter driven)			
Fan	Type			Propeller fan			
	Quantity			3			
	Air flow C	3		285 (3)		315 (3)	
Fan motor	Output	Output W		750			
	Drive			Direct drive			
Sound pressure level	Nom. Low noise n Low noise n		dBA dBA dBA	61.0 (4) 59.0 (4) 53.0 (4)	62.0 (4) 59.0 (4) 54.0 (4)	64.0 (4) 61.0 (4) 56.0 (4)	65.0 (4)
Piping connections Liquid OD mm		mm	15.9				
	Gas OD mm			22.2			
Refrigerant	Type/GWP			R744 (CO2)/1.0			
	Charge kg		kg	0.00 (5)			
	Control			Electronic expansion valve			
Power supply	Phase/Frequency/Voltage Hz/V		Hz/V	3N~/50 /380-415			

- (1) Rated conditions: saturation temperature equivalent to suction pressure: -35°C (LT),outdoor temp. 32°C, Suction SH 10K |
- (2) Rated conditions: saturation temperature equivalent to suction pressure: -10° C (MT), outdoor temp. 32° C, Suction SH 10K |
- (3) Outdoor Unit Total Airflow |
- $(4) Sound pressure data: measured at 1m in front of unit, at 1.5m height. Nominal operation condition Medium evaporation temperature (MT) \\ [$
- (5) The unit is not pre-charged. A minimal rest charge is present related to factory quality inspection |
- Minimum load of each individual refrigeration indoor unit: 2 KW (for Low Temperature Operation).

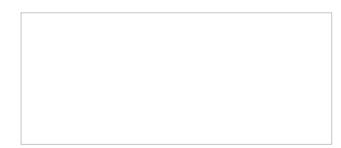
Every compressor equipped with 1 accumulator of 0,909 liters. \mid

 $Compressor\ 1:\ 2Y190CPCY1P\#C; Compressor\ 2:\ 2Y190CPCY1P\#C; Compressor\ 3:\ 2Y190CPDY1P\#C\ |$

Only K65 (or equivalent) with D.P. 90 bar is allowed to use for refrigeration piping.

For all the LRNUN5A7Y1 specifications, please refer to the related MDM drawing $\,$

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