

Compressor Testing Report

Codigo Ansal: 906482

Compressor Type:AL-ADW77

Compressor Type:AL-ADW77		Refrigerant: R134a		Executive Standard: GB/T9098-2008	
Test Conditions	Evap. Temp -23.3 °C	Condensing. Temp 54.40°C	Suction. Temp 32.20°C	Subcooling Temp 32.20°C	Ambient emp 32.20°C

(Test Item)	Unit	Test values	(Test Item)	Unit	Test values
(Voltage)	V	220	X.Y. (Vibration)	m/s ²	0.6/0.6/0.8
(Power Frequency)	Hz	50	(Cooling Capacity)	W	190.87
(Working Current)	A	1.27	C.O.P	W/W	1.271
(Subcooling Temp)	°C	32.2	(Cold Ambient Temp)	°C	24.59
(Discharge Temp)	°C	55.09	(Main Heat Resistor)	Ω	15.48
(Suction Temp)	°C	32.18	(Main Cold Resistor)	Ω	12.51
(Export Temp .of Calorimeter)	°C	32.2	(Secondary Heat Resistor)	Ω	15.19
(Room Temp)	°C	28	(Secondary Cold Resistor)	Ω	11.77
(Ambient Temp)	°C	32.21	(Main Winding Coil Temp)	°C	83.88
(Shell Temp)	°C	55.55	(Secondary Winding Coil Temp)	°C	97.15
(Evaporating Temp)	°C	-23.3	1250V/1min (Electric Strength 1250v/l min)		√
(Suction Pressure)	Mpa	0.115	≥50MΩ (Insulation Resistance≥50MΩ)		√
(Discharge Pressure)	Mpa	1.47	≤0.75mA (Leakage Current≤0.75mA)		√
(Calorimeter Heating power)	W	190.44	≤0.1Ω(Grounded Resistor)		√
(Power Factor)	COSΦ	0.54	(V) (Cold, Max Release Voltage)		/
(Input Power)	W	150.25	R134a/0.55Mpa V The start up performance under R134a/0.45Mpa Balance pressure, the lowest voltage for hot(V)		P145V
(Noise Level)	dB (A)	39.8			

Remarks: Pass

(Test time): 2025.01.24

(Test people): 02

(Audit people):