



(related parameters)	(compressor type)	MQ-GQR90TG	(test number)	2019-7-26-4		
	(prototype numbe)		(test basis)	GB/T9098-2008	(testing)	2
	(producing area)		(type of compressor)		(speed)	
	(capacitance)		(Cryogen)	R134a	(rated)	
	(rated capacity)		(rated power)		(rated COP)	
test condition	(project)	(evaporation temperature)	(condensing temperature)	(suction temperature)	supercooling temperature	(ambient temperature)
	(parameters)	7,2	54,4	35	46,1	35
(project)	unit	(Record one)	(Record two)	(Record three)	(Record)	(average)
(supply voltage)	V	220,4	220,4	220,4	220,4	220,4
(supply current)	A	2,19	2,18	2,18	2,18	2,18
(supply frequency)	Hz	50	50	50	50	50
(input power)	W	386,85	386,44	386,54	386,39	386,56
(power factor)	/	0,8	0,8	0,8	0,8	0,8
(evaporation temperature)	°C	7,23	7,21	7,2	7,18	7,21
(condensation temperature)	°C	54,41	54,39	54,41	54,41	54,41
(supercooling temperature)	°C	46,1	46,11	46,1	46,1	46,1
(suction temperature)	°C	34,98	34,98	34,98	34,98	34,98
(ambient temperature)	°C	35,01	35	35,02	34,99	35,01
(exhaust temperature)	°C	84,52	84,49	84,51	84,52	84,51
(condenser outlet Temp)	°C	24,65	24,66	24,62	24,51	24,61
(calorimeter outlet Temp)	°C	34,84	34,84	34,84	34,84	34,84
(shell temperature)	°C	60,14	60,15	60,15	60,21	60,16
(vessel room temperature)	°C	26,54	26,44	26,55	26,5	26,51
(suction pressure)	MPa	0,3776	0,3773	0,3772	0,377	0,3773
(exhaust pressure)	MPa	1,47	1,4693	1,4703	1,4702	1,47
calorimeter-inlet Press)	MPa	1,4784	1,4778	1,4788	1,4787	1,4784
(pressure in the calorimeter)	MPa	0,4754	0,4754	0,4754	0,4754	0,4754
(calorimeter-Outlet Press)	MPa	0,3793	0,379	0,3788	0,3785	0,3789

