



AT-SRG Sensor for Refrigerant Gas Commissioning Record

A. Project Information

Project Name

Client

Site Address

Contact

Contact Email

Contact Phone

B. Application - Sensor Location

Bedroom Low Level

Plant Room

Office

Server Room

Other

C. Sensor Type

Flush Mount Sensor

Qty :

Surface Mount Sensor

Qty :

D. Refrigerant Gas Type

Gas Type:

E. Unit Type

AT-SRG Stand Alone

Qty :

AT-SRG Centrally Monitored

Qty :

F. Power

AT-SRG 12/24Vac / Vdc

Qty :

AT-SRG 230Vac

Qty :

G. Wiring

N/A Wired Verified

Earth/Ground

3 Amp Unswitched Fused Spur

12/24Vac / Vdc Power Supply

H. Control Wiring

N/A Wired Verified

Eco Panel Connection

Volt Free Relay Connection

Note: Please ensure the unit is earthed as per the instructions and local regulation.

I. Power the system

Mains power should be unswitched and fused at 3 amps

12 / 24Vac/dc Power Supply

Green LED will flash 0.5 Sec Interval during start up.

Solid green LED after 20 seconds startup.

If alarms are present, investigate the cause and restore to normal condition.

Red Flashing LED - Refrigerant gas detected
Red and Green Alternating Flashing - Fault Condition.

J. Set-up

ON OFF

Audible Alarm (Default ON)

Alarm Delay (Default No Delay)

Alarm Latch (Default auto reset)

Relay Failsafe

Extend Mute (Default 30min - extended to 60min)

LOW HIGH

Relay Activation

K. Documentation

Ensure the following documentation is provided :

AT-SRG Installation Instructions

Download from <https://www.aquilar.co.uk/at-srg/>



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L. Acceptance Tests

Perform test/s in the presence of owner's representative. Use an AquiTron bump test kit with the correct sample gas mixture for the installation. Venting pure refrigerant gas is illegal.

Testing

Bump Testing	N/A	CARRIED OUT	VERIFIED
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TEST OK RESET OK Location

Sensor 1

Sensor 2

Sensor 3

Sensor 4

Sensor 5

Sensor 6

Sensor 7

Sensor 8

Sensor 9

Sensor 10

Sensor 11

Sensor 12

Sensor 13

Sensor 14

Sensor 15

Sensor 16

Sensor 17

Sensor 18

Sensor 19

Sensor 20

TEST OK RESET OK Location

Sensor 21

Sensor 22

Sensor 23

Sensor 24

Sensor 25

Sensor 26

Sensor 27

Sensor 28

Sensor 29

Sensor 30

Sensor 31

Sensor 32

Sensor 33

Sensor34

Sensor 35

Sensor 36

Sensor 37

Sensor 38

Sensor 39

Sensor 40

Additional notes and/or comments:



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L. Acceptance Tests Cont.

TEST OK	RESET OK	Location	TEST OK	RESET OK	Location
		Sensor 41			Sensor 71
		Sensor 42			Sensor 72
		Sensor 43			Sensor 73
		Sensor 44			Sensor 74
		Sensor 45			Sensor 75
		Sensor 46			Sensor 76
		Sensor 47			Sensor 77
		Sensor 48			Sensor 78
		Sensor 49			Sensor 79
		Sensor 50			Sensor 80
		Sensor 51			Sensor 81
		Sensor 52			Sensor 82
		Sensor 53			Sensor 83
		Sensor 54			Sensor 84
		Sensor 55			Sensor 85
		Sensor 56			Sensor 86
		Sensor 57			Sensor 87
		Sensor 58			Sensor 88
		Sensor 59			Sensor 89
		Sensor 60			Sensor 90
		Sensor 61			Sensor 91
		Sensor 62			Sensor 92
		Sensor 63			Sensor 93
		Sensor 64			Sensor 94
		Sensor 65			Sensor 95
		Sensor 66			Sensor 96
		Sensor 67			Sensor 97
		Sensor 68			Sensor 98
		Sensor 69			Sensor 99
		Sensor 70			Sensor 100

Additional notes and/or comments:

M. Witnessing and Handover

Tests performed with a client/site representative

YES

NO

Commissioning completed successfully

YES

NO

Additional notes and/or comments:

Commissioning Engineer

Name:

Date:

Signature

Client Acceptance

Name:

Date:

Signature

