



# 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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Amp Unswitched Fused Spur	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12/24Vac / Vdc Power Supply	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## H. Control Wiring

	N/A	Wired	Verified
Eco Panel Connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volt Free Relay Connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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)	<input type="checkbox"/>	<input type="checkbox"/>
Alarm Delay (Default No Delay)	<input type="checkbox"/>	<input type="checkbox"/>
Alarm Latch (Default auto reset)	<input type="checkbox"/>	<input type="checkbox"/>
Relay Failsafe	<input type="checkbox"/>	<input type="checkbox"/>
Extend Mute (Default 30min - extended to 60min)	<input type="checkbox"/>	<input type="checkbox"/>
	<b>LOW</b>	<b>HIGH</b>
Relay Activation	<input type="checkbox"/>	<input type="checkbox"/>

## 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	<input type="checkbox"/> N/A	<input type="checkbox"/> CARRIED OUT	<input type="checkbox"/> VERIFIED
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	TEST OK	RESET OK	Location		TEST OK	RESET OK	Location
Sensor 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Sensor 20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	Sensor 40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

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

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

