



FRIEDRICH

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PRODUCT BULLETIN

Product Management

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BULLETIN TYPE: New Product Announcement

PRODUCTS AFFECTED: **ADS01- A2L sensor for Mini-Split**

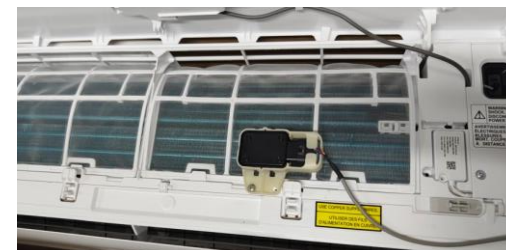
SUBJECT: A2L Sensors (ADS01)

AUTHOR: Product Management

Description

As Friedrich welcomes the federally mandated low GWP refrigerant regulation into law, we are excited to announce additional detail regarding our new A2L **Floating Air ductless product portfolio**.

With A2L refrigerants there are new Federal, State, and local code requirements for the installation and application of HVAC equipment containing flammable refrigerants. In most cases, regulation is specific to equipment charge quantity (>64 oz) and/or room sizing (volume) of the application mandating the use of an A2L sensor. Ductless equipment is unique in that in most 1:1 installations, the regulations requiring the use of an A2L sensor are not met. As a result, Friedrich has made the A2L sensor a field installed accessory that needs to be ordered and field installed in ductless wall mounts only in applications where the requirements are mandated to include the A2L safety sensor. In most wall mount applications, this is limited to multi zone installations. Installing HVAC Contractors should familiarize themselves with all Federal, State, and local codes where application of the A2L sensor will be required. Friedrich ductless equipment charge volume and square footage application guidelines can be found in our ductless equipment installation manual.



ADS01 in installed in wall mount

7/9/12K 208/230V- **Will have** option to add A2L sensor when applied to a 36/42K Multizone outdoor (Required)

18/24/36K Wall mount- **Will not** have the option to apply an A2L sensor. Based on Sqft rule.

Cassette/Concealed Ducted/AHU- **Will have** factory installed A2L sensors.

Multi-position AHUs **will have** A2L sensors factory installed.

Ductless A2L field installed accessory model number: **ADS01**

For questions about this bulletin, please contact the Product Management team.



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Ductless A2L Sensor Guidance

FSHW091C	FAHSW09A1C	N/A	FPHW091C	FAHSW09A1C	N/A	FPHD093D	FPHFD09A3D	Built-in	FPHC093D	FPHFC09A3D	Built-in
	FHSR09B1C			FPHSR09A1C			FPHFR09A3D			FPHFR09A3D	
FSHW121C	FAHSW12A1C	N/A	FPHW121C	FAHSW12A1C	N/A	FPHD123D	FPHFD12A3D	Built-in	FPHC123D	FPHFC12A3D	Built-in
	FHSR12B1C			FPHSR12A1C			FPHFR12A3D			FPHFR12A3D	
FSHW183D	FAHFW18A3D	N/A	FPHW093D	FAHFW09A3D	Optional	FPHD183D	FPHFD18A3D	Built-in	FPHC183D	FPHFC18A3D	Built-in
	FHSR18B3D			FPHSR09A3D			FPHFR18A3D			FPHFR18A3D	
FSHW243D	FAHFW24A3D	N/A	FPHW123D	FAHFW12A3D	Optional	FPHD243D	FPHFD24A3D	Built-in	FPHC243D	FPHFC24A3D	Built-in
	FHSR24B3D			FPHSR12A3D			FPHFR24A3D			FPHFR24A3D	
FSHW363D	FAHSW36A3D	N/A	FPHW183D	FAHFW18A3D	N/A	FPHD363D	FPHSD36A3D	Built-in	FPHC363D	FPHSC36A3D	Built-in
	FHSR36B3D			FPHSR18A3D			FPHFR36A3D			FPHFR36A3D	
			FPHW243D	FAHFW24A3D	N/A						
				FPHSR24A3D							

Notes:

Multi-zone applications will be most critical for regulation compliance. When installing wall mount indoor in multi-zone ductless applications, contractors should evaluate the total system refrigerant charge as well as calculate the square footage of the application to determine A2L sensor needs under all relevant Federal, State, and local codes

7k wall mounts WILL HAVE the ability to add A2L sensors as they are multi zone installations only.

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