106418-01
Communication
Gateway

THERMAL SOLUTIONS 106418-01 Communication Gateway Instructions

Contents

1 THERMAL SOLUTIONS 106418-01 Communication Gateway
2 Specifications
3 Installation of Universal Gateway Enclosure Kit
4 Wiring Harness Installation
5 ProtoNode vs ProtoAir
6 Component Installation
7 FAQs
8 Documents / Resources
8.1 References
9 Related Posts

THERMAL SOLUTIONS 106418-01 Communication Gateway

Specifications

THERMAL SOLUTIONS Innovative Equipment for Hot Water Systems	**C**ommunications **G**ateway **P**ackages	
	ProtoNode LER Lon Works	**ProtoAir RER BACn et**
Universal Gateway (Device Only)	**106418-01**	**29444-3**
Universal Gateway I&O Manual	**106417-05**	**106417-04**
Universal Gateway Enclosure Kit	**112736-02**	**112736-01**
– Includes device mounted inside plastic enclosure and I&O M anual (Evolution, Apex, Amp-L sizes 400-1000L)		
Universal Gateway Kit:		
– With Wiring Harness (AMP 1000-4000 and Arctic 1500-6000) – Shop Mounted & Wired	**106433-02**	**112316-01**
– Less Wiring Harness (AMP-L 400-1000L, ARC-1000, APEX & Evolution) – Shipped Loose	**106433-01**	**112316-02**

ProtoNode is the older communication gateway. ProtoAir is the newer model that includes WiFi.

Enclosure measures roughly 14 1/2″ L x 10 3/4″ W x 7 1/2″ D.
Photos below show installed Gateway . NOTE: There is enough room to install a tranformer and other components inside as needed.

Installation of Universal Gateway Enclosure Kit

The Universal Gateway Enclosure Kit includes the device mounted inside a plastic enclosure. Follow these steps to install the kit:

1. Open the enclosure carefully.
2. Place the device securely inside the enclosure.
3. Refer to the I&O Manual for further installation instructions specific to your model.

Wiring Harness Installation

Depending on the kit you have, follow the appropriate steps for wiring harness installation.

- **With Wiring Harness:** For AMP 1000-4000 and Arctic 1500-6000 kits that are shop mounted & wired.
- **Less Wiring Harness:** For AMP-L 400-1000L, ARC-1000, APEX & Evolution kits that are shipped loose.

ProtoNode vs ProtoAir

The ProtoNode is the older communication gateway, while the ProtoAir is the newer model that includes WiFi. Ensure you choose the appropriate gateway for your needs.

Component Installation

The enclosure has ample space for installing additional components like transformers. Follow safety guidelines and refer to the manual for detailed instructions.

FAQs

Q: What are the dimensions of the Universal Gateway Enclosure?
The enclosure measures roughly 14 1/2 inches in length, 10 3/4 inches in width, and 7 1/2 inches in depth.

Q: Can I install additional components inside the enclosure?
Yes, there is enough room inside the enclosure to install a transformer and other necessary components as needed. Ensure that to follow safety guidelines and refer to the manual for guidance.

Q: How do I differentiate between ProtoNode and ProtoAir gateways?
ProtoNode is the older model without WiFi, while ProtoAir newer model that includes WiFi connectivity. Choose the gateway based on your communication requirements.

Documents / Resources

	THERMAL SOLUTIONS 106418-01 Communication Gateway [pdf] Instructions 106418-01, 106417-05, 112736-02, 29444-3, 106417-04, 112736-01, 106418-01 Communication Gateway, 106418-01, Communication Gateway, Gateway

References

- User Manual

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