

APPLICATION

It can be tricky to freeze protect unusually shaped or non-standardized equipment. A fully customized freeze protection solution can take weeks to design, build and ship. A self-regulating heat trace system can take even longer - requiring system design, proper controls, installation scheduling, electrical wiring, insulation and cladding. If that insulation must later be removed for service, it can be difficult to reinstall correctly.

Powerblanket heaters solve many of those problems. They install quickly, typically without an electrician, and use internal thermostatic control rather than external controllers - making freeze protection simple and plug-and-play. Until now, the largest drawback for unusual equipment was the time required to design, build and ship a custom

BENEFITS

- Fast, off-the-shelf freeze protection without custom design lead time.
- Plug-and-play installation with internal thermostatic control.
- Targeted heat at the equipment plus captured warm air around the full assembly.
- Field-adaptable vinyl shell can be trimmed around piping and connections.
- Standard gallon-class sizes make selection simple for irregular equipment.
- Available for Ordinary Location and Class I, Division 2 applications.

CONSTRUCTION

SOLUTION

QuickFit 360 combines a rugged square Powerblanket heater with a field-adaptable vinyl enclosure and insulated top. Strap the heater directly to the equipment where heat is needed most, place the cover over the assembly, trim the vinyl around pipes or connections, and cinch it closed. The cover captures warmed air and prevents it from convecting away, creating a protected warm-air space around the equipment.

QuickFit 360 is sized to match common 5-, 15-, 30- and 55-gallon containers. These familiar reference sizes make it easy to estimate which enclosure to order for irregular equipment: choose a size large enough to fit over the assembly, then select the appropriate Ordinary Location or Class I, Division 2 configuration.

QUICKFIT 360 SYSTEM



1. Patented Heat Spreading Heater Carrier
2. Series Electric Heating Element
3. Mechanical Thermostat
4. Insulation
5. Material Enclosure
6. Powercord with NEMA Plug or Flying Leads
7. Trimmable vinyl shell retains warm air
8. Insulated top provides structure and captures heat



PRODUCT DATASHEET

POWERBLANKET QUICK FIT 360®

FIELD-ADAPTABLE HEATED ENCLOSURES

HOW QUICKFIT 360 WORKS IN THE FIELD

STEP 1. INSTALL THE HEATER



Install the Heater with the hot side connected to the valve body.

STEP 2. COVER THE ASSEMBLY



Cover the assembly to retain heat and prevent convective losses.

CUSTOMIZATION

QuickFit 360 standard models are designed for fast selection and broad field use, but the system can also be configured around recurring equipment and application needs. Mix and match heater and enclosure sizes, or adjust key electrical and enclosure features to create a repeatable solution for the equipment you see most often.

TEMPERATURE

Thermostat setpoints can be changed from the standard 29 C to 38 C, 50 C, or up to 71 C.

POWER

120 V standard models can be configured for 240 V operation and alternate plug types as required.

CORD

Cord length can be changed for the installation, with lengths available up to 100 ft.

HEATER + COVER

Heater and enclosure sizes can be mixed and matched to better fit the application.

ENCLOSURE

Diameter and height can be changed for common equipment geometries.

FIELD FEATURES

Cinch locations, straps, buckles, cutouts and other details can be adapted around recurring equipment configurations.

STANDARD PRODUCT CONFIGURATIONS

Model	Size (gal)	Dia. (in)	Height (in)	Heater Size	Watts	Voltage	Thermostat	Cord	Plug	Classification	
QF360-55	55	23	34	24 x 24	175	120	29 C	12 ft / 18	NEMA plug	Ordinary Location	
QF360-30	30	19	30	18 x 18	100	120	29 C	12 ft / 18	NEMA plug	Ordinary Location	
QF360-15	15	15	19	16 x 16	60	120	29 C	12 ft / 18	NEMA plug	Ordinary Location	
QF360-05	5	14	10	12 x 12	40	120	29 C	12 ft / 18	NEMA plug	Ordinary Location	
QF360-55-CID2	55	23	34	24 x 24	175	120	29 C	12 ft / 18	Flying leads	Class I, Div. 2	
QF360-30-CID2	30	19	30	18 x 18	100	120	29 C	12 ft / 18	Flying leads	Class I, Div. 2	
QF360-15-CID2	15	15	19	16 x 16	60	120	29 C	12 ft / 18	Flying leads	Class I, Div. 2	
QF360-05-CID2	5	14	10	12 x 12	40	120	29 C	12 ft / 18	Flying leads	Class I, Div. 2	