

Warnings and Safety

- Never exceed the maximum pressure rating
- Do not puncture or cut the product
- Always secure barbed fittings with hose clamp to prevent the possibility of the hose coming off
- Never have hoses or tubing cross a walk way or other places where they will become a tripping hazard
- Only use acceptable fluids
- Only install on clean surfaces free of any sharp objects that could puncture the blankets
- Always have fluid flow from top to bottom
- Never exceed the temperature rating of the blanket
- Never connect a smaller hose on the exit than what the blanket is designed for

Installation Guide

Step 1 - Prepare the area, position the blanket and secure the top of the blanket

The Fluxwrap 275 chiller should be installed on a smooth surface that is free of any sharp objects or anything that could puncture the blanket.

Inspect the object to be wrapped, if necessary clean the surface (dirt and other grime can affect the efficiency of the blanket). Remove any sharp objects or anything else that may puncture the wrap.

Wrap the jacket around the object to be cooled.

Attach the neoprene flap to the other side of the jacket to secure the jacket around the container. This will prevent the blanket from falling when not in use.

When installing the blanket always position the fluid inlet and outlet such that when the blanket is connected to the chiller the tubing and hoses will not cross a walking path and create a tripping hazard.

Step 2 - Connect tubing and hoses to the blanket

Connect inlet hose to the top barbed fitting and secure with a hose clamp.



WARNING - Connecting the inlet hoses to the bottom barbed fitting will result in excess pressure and may result in the blanket bursting.

Connect outlet hose to the bottom barbed fitting and secure with a hose clamp.



WARNING - Do not use a hose smaller than the specified hose size between the outlet on the blanket and the chiller. This may result in excess pressure and cause the blanket to burst.



WARNING - Do not exceed rated pressure entering the blanket. If necessary install a pressure regulator to prevent excess pressure levels.

Step 3 - Install insulated wrap

Prior to installing the insulated wrap it is recommended that the blanket be pressurized and fluid ran through it. Wrap insulated wrap around the cooling blanket. Align the cut-outs on the insulated wrap with the hoses. Attach the hook and loop together and then secure the top and bottom straps.



WARNING - Do not overtighten wrap as this may increase the pressure inside the blanket.

Step 4 - Turn on chiller

Check fluid levels of chiller prior to turning on the system.

Verify that chiller has enough fluid capacity to completely fill blanket prior to turning on the chiller unit..



WARNING Do not exceed maximum pressure of 20PSI.



WARNING Do not exceed temperature of 120 degrees fahrenheit (50 degree fahrenheit water / glycol.

Cooling fluids

If using water as a cooling fluid use an antimicrobial additive to prevent algae build up.

If going below 40°F be sure to use a water / glycol mixture of either Ethylene Glycol. Using any other type of anti-freeze fluid is not recommended and may result in damage to the blanket.



WARNING - Never exceed the 50% glycol / water ratio.

Storage and maintenance

When uninstalling blanket use low pressure compressed air to push excess fluid out of the blanket.



WARNING - Do not exceed the rated pressure for the blanket when pushing excess fluid out.

When storing fold up blanket and store in a space where it will not be damaged.



Please see diagrams on the next page.

Diagram

Please see the illustrations below which can be referenced to ensure the system is correctly connected to the IBC.

Figure 1: Full parallel configuration

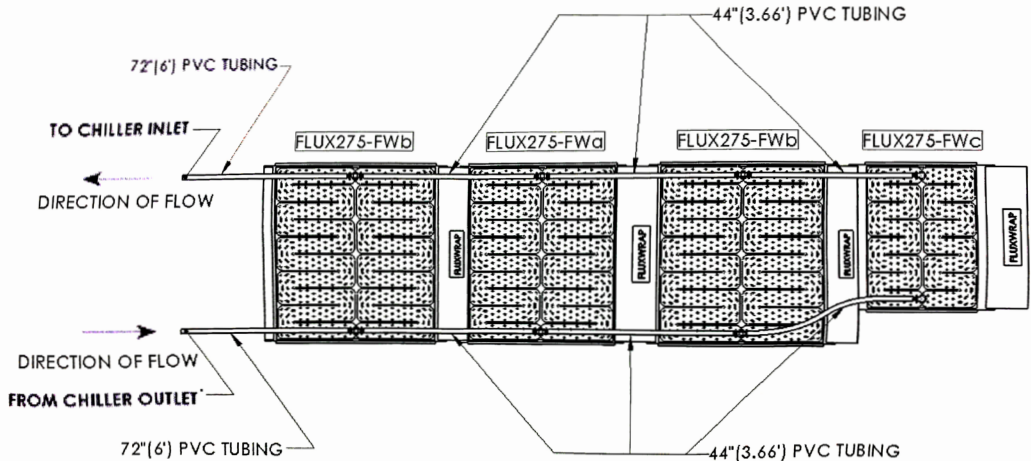


Figure 2: Fluxwrap orientation

The illustration to the right shows how the panels should be positioned on the IBC. The photograph below shows how the IBC should look when the outer jacket and lid are assembled.

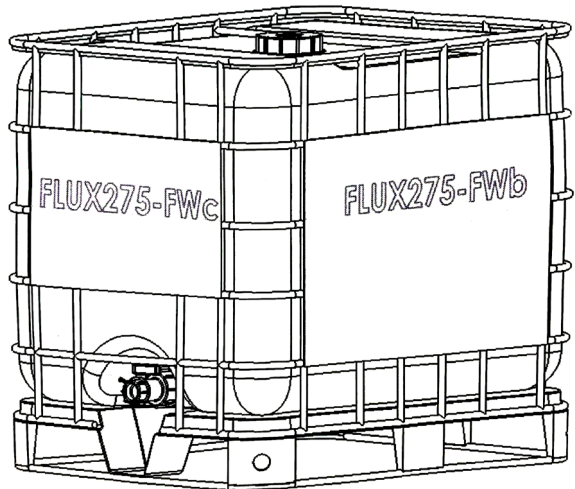


Figure 2



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