

Energy storage container is dirty when it rains

How to prevent moisture from turning into container rain?

Using ventilation is a good fix to prevent the moisture from turning into container rain. A common mistake is to cover the ventilation inside the container, in the belief that moisture from outside will enter through the ventilation. This is completely wrong - the ventilation is there to remove excessive moisture!

Why is container rain a problem?

Container rain is a hidden but serious threat to the safe transportation of goods in shipping containers. Understanding how condensation forms and taking proactive steps to prevent it can save logistics professionals time, money, and the headache of dealing with moisture-damaged cargo.

Why does my shipping container rain?

As the moisture rises to the top of the shipping container and sticks, it begins to fall onto the cargo inside your shipping container. The root cause of container rain is impossible to avoid. Shipping containers are loaded and unloaded near the ocean, and they're also transported across the ocean to their destination.

Does container rain cost money?

It may cost money to prevent container rain, but that's nothing compared to the losses you can suffer if your cargo is exposed to a high concentration of moisture during shipping. The good news is that there are steps you can take to prevent container rain.

Why is container rain so important?

The cost of container rain is precisely why it's so important to protect your shipments. It may cost money to prevent container rain, but that's nothing compared to the losses you can suffer if your cargo is exposed to a high concentration of moisture during shipping.

How does container rain affect cargo?

But the moisture-damaging effect on precious cargo is certainly like leaving goods out in the rain. In actual fact, container rain is more like the dewy moisture that collects on the outside of a cold glass of beer or lemonade on a hot summer's day.

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Condensation occurs in storage containers when warm, moist air inside cools against the cold container walls.

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The air reaches its dew point and forms moisture droplets that rain down on ...

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Standard containers rely on basic sealing to protect against rain and feature simple ventilation holes for moisture control. Energy storage containers, however, require both airtight sealing (to ...



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