

nVent ERICO Lightning Registration System



FREQUENTLY ASKED QUESTIONS



WTBLC10

**nVent ERICO
Lightning Card**
Package of 10



WTBLCB

**nVent ERICO
Lightning Card
Holder**



WTBLCR

**nVent ERICO
Lightning Card
Reader**



**nVent ERICO
Lightning Card
Reader App.**



WHAT DO I DO IF MY LIGHTNING CARD READER IS NOT DETECTED?

First disconnect then reconnect the Lightning Card Reader to the phone or tablet. If that does not work, try setting the volume on the phone to maximum and try again. If the reader is still not recognized, replace it with a new Lightning Card Reader.

WHAT IF I GET A READING I AM UNSURE OF?

Several factors may influence the card reading process and some variability is expected. Users should obtain three reasonable readings and use either an average or good judgement to determine the final reported value. nVent ERICO provides a service to read cards within a 5% accuracy at no additional cost.

DO OTHER CARD READERS WORK WITH THE LIGHTNING CARD READER APP

No, the nVent ERICO Lightning Card Reader App only works with nVent ERICO Card Readers and the nVent ERICO Card Reader App.

DO LIGHTNING CARDS WORK WITH NON-NVENT READERS?

No, nVent ERICO Lightning Cards are encoded with proprietary, patented data which only works in conjunction with nVent card readers and the nVent app.

DO LIGHTNING CARDS NEED TO BE CALIBRATED BASED ON DIFFERENT CONDUCTOR SIZES?

No, most insulation thicknesses are within 1-2 mm of standard insulation. Similarly, cross-sectional area of common lightning protection conductors are also considered in the design of the system. For any additional questions or anomalies please contact nVent ERICO Application Engineering, [here](#).

CAN I SWIPE A LIGHTNING CARD FROM EITHER DIRECTION?

Yes, Lightning Cards are designed to be swiped in both directions. The front of the card does need to be facing the user during a swipe and the entirety of the card must pass through the reader. Partial swipes will generate inaccurate readings.

WHAT LEVEL OF ACCURACY SHOULD I EXPECT?

nVent ERICO offers a service at no additional cost to read the cards to within a 20% accuracy.

WHAT DOES THE READING MEAN?

The reading shown on screen represents the largest magnitude strike that the Lightning Card has imprinted on it. The card does not necessarily store the most recent strike, but only the largest strike that the card has seen.

IS MY DATA STORED ANYWHERE AND CAN I DOWNLOAD MY DATA?

No, data is only stored for 30 days on the app and cannot be recovered or exported.

CAN I REUSE LIGHTNING CARDS?

Cards that read low values of peak lightning current, typically <50 kA, are often re-used. Consult your company's policy regarding card replacement protocols.

HOW DO I PURCHASE ADDITIONAL LIGHTNING CARDS, LIGHTNING CARD HOLDERS OR LIGHTNING CARD READERS?

Contact our customer service department [here](#).

WHAT DOES IT MEAN WHEN "NO LIGHTNING DATA RECORDED" IS DISPLAYED?

The imprinting of lightning strike data on the lightning card is limited to 50 – 300kA.

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