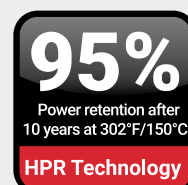


Explore the new XTVR, reloaded with High Power Retention (HPR) technology



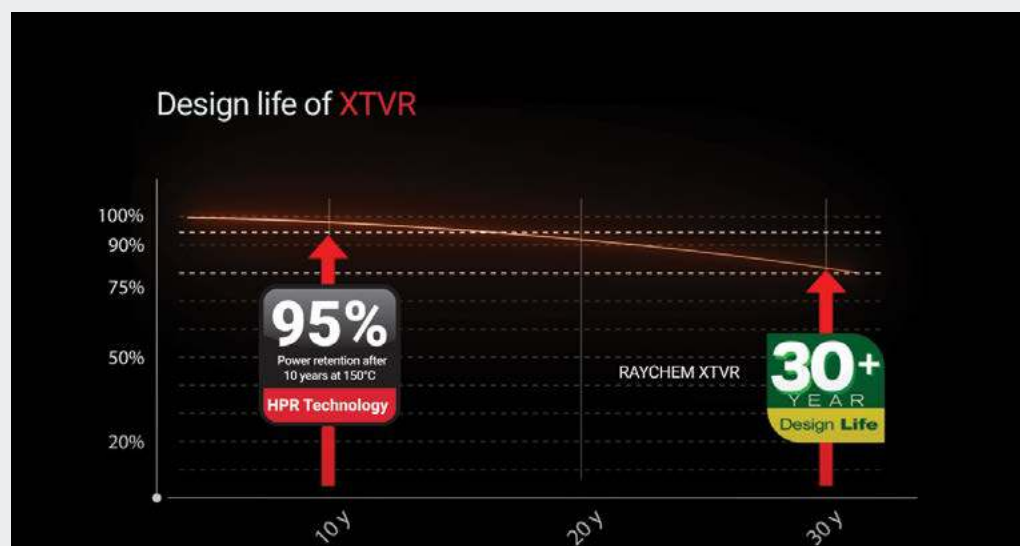
Superior Performance

- The new XTVR is the result of ground-breaking R&D, new materials, nano-technology, and offers un-paralleled thermal stability. It has a **minimum of 95% power retention after 10 years**.
- The power retention of a self-regulating heating cable depends on the quality of its heating core. Large differences exist across manufacturers, and compared to all other tested heating cables, nVent RAYCHEM cables provide **the highest power retention and reliability**.
- Mandatory thermal performance tests (from IEEE/IEC60079-30) focus on product safety aspects & only include short-term power retention tests. nVent RAYCHEM thermal performance tests include additional **long-term power-retention tests** (years).



Longer Life

- The new XTVR has a **design life of 30 years or more**, when powered ON continuously, based on a minimum of 75% power retention at maximum continuous operating temperature.



Higher Temperature

- The new XTVR is designed for higher temperature applications:
 - 150°C / 302°F maximum continuous operating T** (power on)
 - 250°C / 482°F maximum intermittent exposure T** (on/off)



More Power Variants

- The new XTVR has **more power variants**: 7 at 230V (3,5,8,10,12,15, 20XTVR2-CT) and 4 at 110V (5, 10, 15, 20XTVR1-CT).
- This allows for more efficient designs that closely match heat loss, and can provide **cost savings** on energy consumption and power infrastructure.



And Keeping its Proven Benefits

- The new XTVR has the same **unique construction**, and is as **flexible** and **easy to install** as the original XTV.
- The new XTVR has the same large bus wires (2,3mm² / 14AWG) and has very long circuit lengths (290m / 979ft), helping to simplify design and reduce installation costs.
- The new XTVR is compatible with the same connection kits as the original XTV.
- The new XTVR is also globally certified for use in hazardous area, and comes with 10 years product warranty.



From the Inventor of Self-Regulating Heating Technology



- **Global leader in electric heat tracing**, with wide range of heating cables and technologies
- **75Y** expertise in polymer material science
- **50Y+** in self-regulating technology
- **1.8 Billion ft/ 550.000 km** cable sold since 1972

Independent UL Verification of HPR Technology

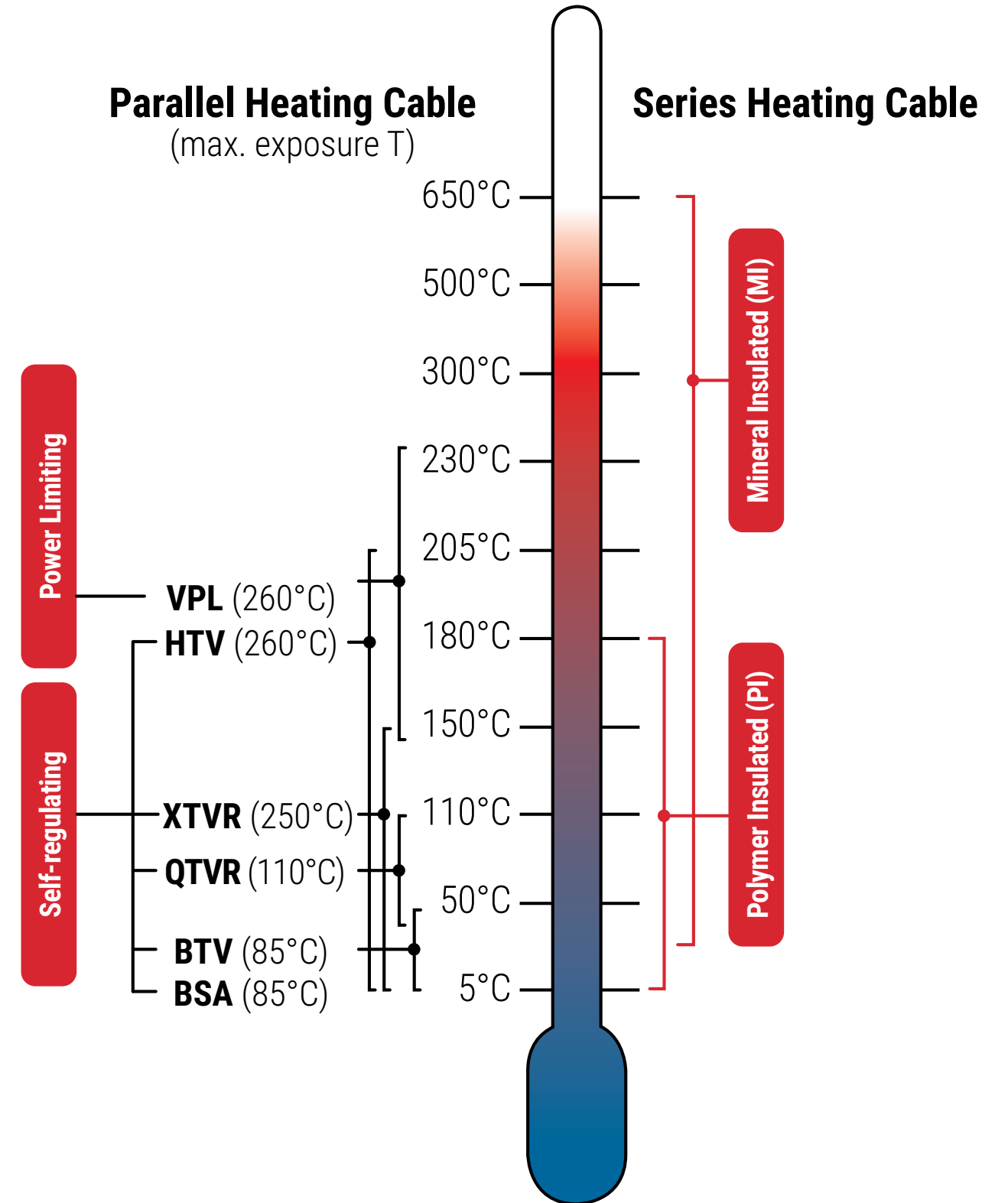
nVent uses long-term test data and 3D Arrhenius modelling techniques to establish life ratings and power retention claims. In 2021 Underwriters' Laboratories (UL) verified the performance of nVent's new HPR technology in the new HTV heating cable and confirmed that HTV retains **100% power following 18 months of intensive testing**. This UL Verified Mark (V341413) is available at www.verify.UL.com.

The new XTVR is based on the same HPR technology and follows similar test programs and modeling techniques to establish its life ratings and power retention claims. Detailed reports are available upon request.

100% power retention after 18 months continuous exposure at 205°C/400°F



Typical continuous operating temperature



North America

Tel +1.800.545.6258
 Fax +1.800.527.5703
thermal.info@nVent.com

Europe, Middle East, Africa

Tel +32.16.213.502
 Fax +32.16.213.604
thermal.info@nVent.com

Asia Pacific

Tel +86.21.2412.1688
 Fax +86.21.5426.3167
cn.thermal.info@nVent.com

Latin America

Tel +1.713.868.4800
 Fax +1.713.868.2333
thermal.info@nVent.com



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER