RYPOS

INNOVATING THE FUTURE OF CLEAN AIR

ULTRA LOW EMISSIONS DIESEL PARTICULATE FILTERS

for Transport Refrigeration Units

Remove up to 95% of harmful emissions from Thermo King® and Carrier Transicold® Transport Refrigeration Units with Rypos DPFs.

“Rypos is the best one out there as far as I’m concerned for the reasons mentioned: quality and customer service.”

CHRIS SHEHAN
TRU Dealer Owner

The Rypos advantage

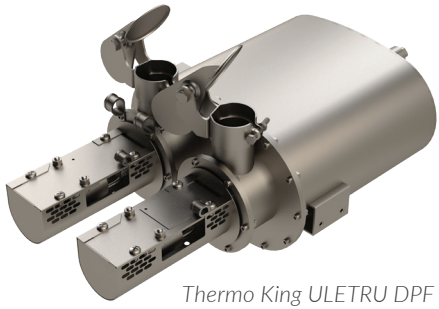
Rypos active regeneration removes up to 95% of diesel particulate matter, meeting or exceeding Transport Refrigeration Unit (TRU) emissions requirements. This self-cleaning system automatically regenerates without operator intervention, independent of exhaust temperature — leaving your drivers and technicians free to breathe easy and focus on what they do best.

- ✓ NO exhaust temperature requirements
- ✓ NO load requirements
- ✓ NO special maintenance procedures

Rypos active regeneration
removes up to
95%
of diesel particulate matter

What sets Rypos Ultra Low Emissions (ULETRU) DPFs apart:

- ✓ Compliant in all 50 states
- ✓ CARB Level 3+ verified
- ✓ EPA Tier IV compliant
- ✓ Active & electrically regenerated
- ✓ Exhaust temperature independent
- ✓ Sulfur tolerant
- ✓ Built as muffler replacement
- ✓ Retrofittable on most common TRUs
- ✓ Easy to maintain
- ✓ Designed for all operating conditions
- ✓ Removes up to 95% PM
- ✓ Self cleaning without engine shutdown
- ✓ Warrantied for 4 years/2600 hours
- ✓ Installed in 4–6 hours
- ✓ Fleet trial program available



Thermo King ULETRU DPF

Compliance without compromise

Rypos ULETRU DPFs meet or exceed all federal standards without sacrificing engine performance, making it easy to achieve compliance while protecting the health of your employees and the environment.

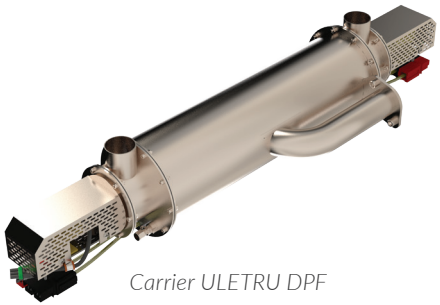
CARB REGULATIONS

Model year 2023 and newer trailer transport refrigeration units (TRU) must meet a PM emission standard of 0.02 g/bhp-hr or lower.

(Aligns with the EPA Tier 4 final nonroad PM emission standard for 25-50 hp engines.)

MAKE/MODEL	hp	g/bhp-hr
Thermo King S-600	33.0	0.004
Thermo King C-600	24.4	0.164
Carrier X-4 7700	24.4	0.010*
Carrier X-4 7500	24.4	0.179

**estimate from engine manufacturer*



Carrier ULETRU DPF

RYPOS ULETRU DPF specifications:

- Rugged, stainless steel housing
- Full kit/shipping weight: ≈80 lb.
- Carrier DPF: 40"L x 7" diameter
- Thermo King DPF: 26"L x 13"W x 8"H

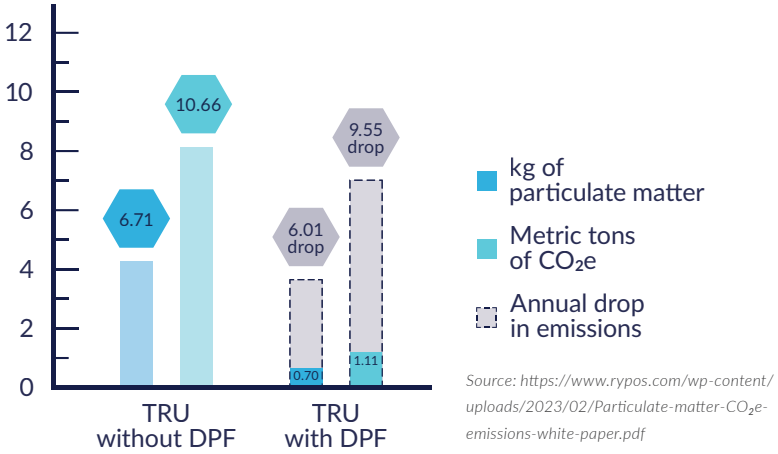
MADE IN USA

Meet your sustainability goals

Rypos DPFs remove, on average, 6 kg of solid diesel particulate matter per TRU annually, reducing your CO_2e emissions by 10 metric tons every year for each reefer unit in your fleet.

BENEFITS ADD UP

- ✓ 250,000 TRUs produce >0.02 g/bhp-hr
- ✓ Rypos DPFs can remove >1.5 million kg of PM
- ✓ **That's >2.3 million metric tons CO_2e/year!**



Source: https://www.rypos.com/wp-content/uploads/2023/02/Particulate-matter-CO_2e-emissions-white-paper.pdf

"Rypos offers a quality TRU DPF Level 3 filter. They have always provided excellent communication and customer service."

TIM ANDERSON
Director of Refrigeration, PLM Fleet

Free emissions profile

Wondering how much of an impact Rypos Diesel Particulate Filters would have on your emissions goals? Contact us today to request a detailed study of your Transport Refrigeration Fleet. We'll calculate your total CO_2e emissions and estimate how much of a reduction you can expect with Rypos DPFs.

This report can help your company identify a clear path to reducing environmental pollution, improving local air quality and mitigating global climate change. Rypos DPFs make it easy to achieve regulatory compliance and improve environmental stewardship without affecting engine performance.

Contact our TRU sales team at (508) 448-3908 to learn more.

Rypos ULETRU DPFs are used by leading operations:

PLM

SAFEWAY

McKinney

Save Mart

Ozark MOTOR LINES, INC.

Ryder Ever better.

Ralphs

FOSTER FARMS

FIND A DEALER IN OUR NATIONWIDE NETWORK

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