

# UT-1290

The highest cooling capacity in its class





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Cool bigger loads, faster.

The UT-1290 builds on the trusted quality of our previous undermount unit while introducing significant improvements.

Offering the highest cooling capacity in its class, the UT-1290 enables you to reduce trips by transporting bigger loads.

Because of its precise temperature control, even the most sensitive cargo can be transported and delivered with accuracy.

We've also made design and engineering enhancements to increase reliability, reduce the unit's size and weight, decrease noise and minimize downtime with features that simplify maintenance and reduce the need for repairs.

Simply put, the UT-1290 sets a new industry standard for performance and reliability in an undermount refrigeration unit.

## Our most advanced undermount unit

- Increased cooling capacity
- Precise temperature control
- Improved reliability
- Easier serviceability
- Reduced noise
- Smaller and lighter than our previous unit for higher fuel efficiency
- Can be used as backup cooling for temperature-critical loads
- For class 5-7 vehicles

# System Performance

Refrigeration capacity: System net cooling capacity at 100°F ambient temperature and high-speed engine/60 Hertz electric power.

Return air to evaporator	S3 + S3			Funnel Evaporator		
	35°F	0°F	(20°F)	35°F	0°F	(20°F)
Engine Power BTU/hr (Up to)	37,000	21,500	12,100	39,000	22,500	12,700
Electric Power BTU/hr (Up to)	31,500	16,000	8,500	33,000	16,800	9,000
Heating capacity (35°F/0°F ambient)						
Engine Power BTU/hr (Up to)	15,000			15,000		
Electric Power BTU/hr (Up to)	10,900			10,900		
Airflow: On high speed engine operation						
Airflow volume @ 0 Pa static pressure	2,600 ft³/min			1,970 ft³/min		
Weight (including evaporator)						
With Smart Power electric standby	1,309.5 lbs			1,220 lbs		
Engine: 3 cylinder, liquid cooled						
Model	TK376U			TK376U		
Rating	19.6 hp			19.6 hp		
Maintenance Interval	2,000 hrs			2,000 hrs		
Compressor: Reciprocating 4 cylinder						
Model	X430			X430		
Displacement	30 cu. in.			30 cu. in.		
Electric standby motor options						
Voltage/Phase/Cycles	460/3/60 or 230/3/60			460/3/60 or 230/3/60		
Rating	10 Hp			10 Hp		



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938. For more information, visit [thermoking.com](https://thermoking.com) or [tranetechnologies.com](https://tranetechnologies.com).

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