

RX-500



A-TECHEL THERMO Co., Ltd.

108, Anseongmatchum-daero, Seoun-Myeon, Anseong-si, Gyeonggi-do, Republic of KORE.

tel: +82-31-667-1230, fax: +82-31-677-9981

website: <https://www.atechelthermo.com>, e-mail: sales@atechelthermo.com

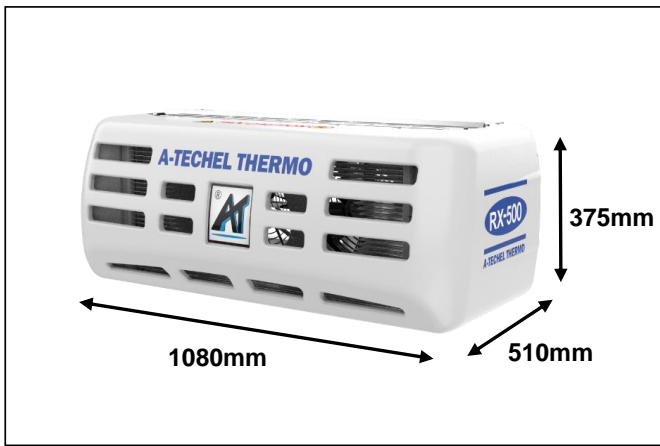
High performance refrigeration unit for medium size truck in range of 7~ 8m³ storage volume.

Description

A refrigerator system exclusively designed for fresh and frozen applications on medium sized truck. The compressor is directly driven by the vehicle's engine. This is a split system which consists of condenser with two AL axial fans and evaporator with two plastic turbo fans separately.

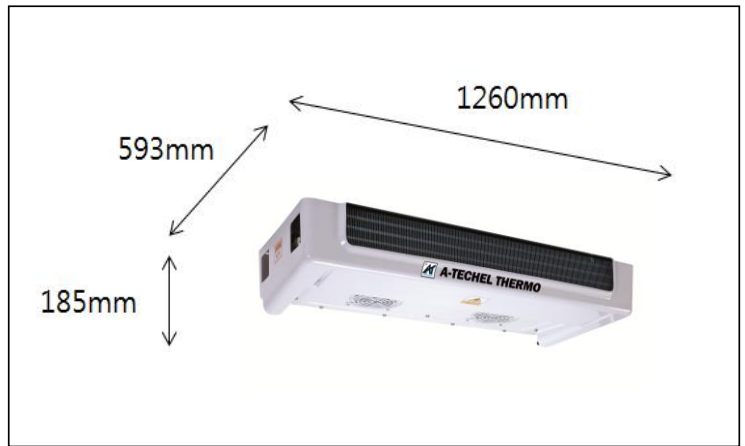
Condenser

- Two Axial Fan - diam. 280 mm-2
- Weight : 32.9Kg (72.5lbs)
- Overall Size : 375H x 1080D x 510W mm
(14.8H x 42.5D x 20.0W inch)



Evaporator

- PLATE FIN TYPE
- Two turbo fans - diam. 230 mm² - 1650m³/h
- Weight : 23.3Kg (51.3lbs)
- Overall Size : 185H x 1260W x 593D mm
(7.3H x 49.6 W x 23.3D inch)



Refrigerant

- HFC R-134a or R-404a
- Chlorine - Zero
- Refrigerant charge - 1.6 kg / 3.5 lbs (R-404a)

Compressor (Engine Driven) 1800 compressor rpm

- TAMA - TM 16
- Oil Separator (Option) Oil450 cc

Others

- Automatic hot gas defrost
- Current Draw : 20A @ DC12V (OPTION - 24V)

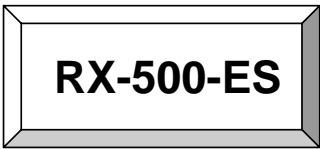


Refrigeration Capacity

Ambient temperature at 30°C / 86°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R134a Refrigerant Rond Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	3871	4500	15354	3183	3700	12624
-18	0-4	2202	2560	8735			

※ Specifications can be changed without notice in advance.



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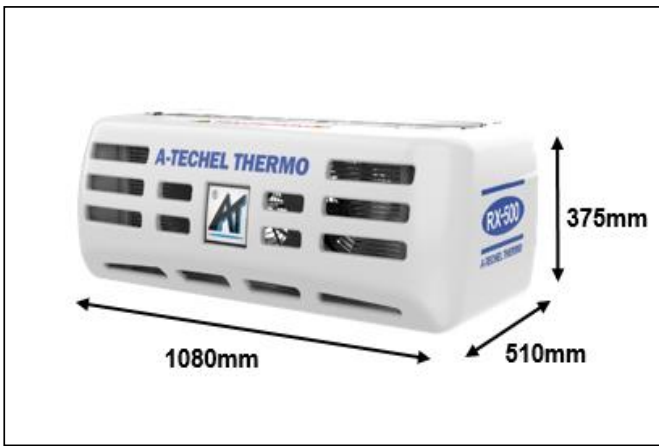
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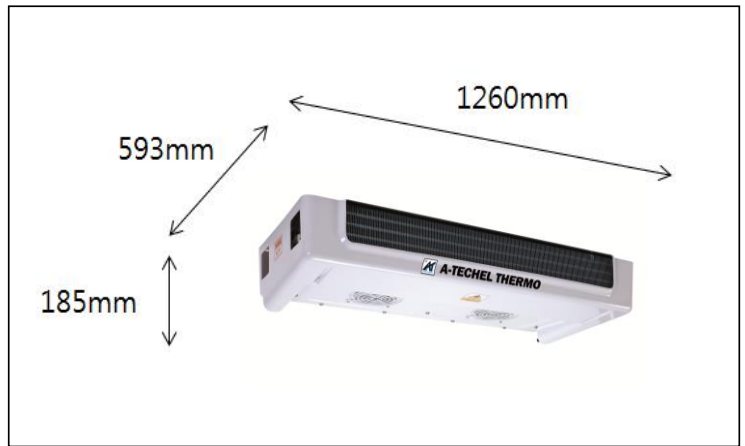
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Refrigerant

- HFC R404a -R134a
- Chlorine - Zero
- Refrigerant charge - 1.6 kg / 3.5 lbs-R404a (R-134a)

Compressor (Engine Driven) 1800 compressor rpm

- SANDEN - SD 7H15
- TAMA - TM 16
- Oil Separator (Option) Oil 450cc

Others

- Automatic hot gas defrost
- Current Draw : 20A @ DC12V (OPTION - 24V)



Refrigeration Capacity

Ambient temperature at 30°C / 86°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			Electric option (380V/3P/50Hz/5.4A)		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	3871	4500	15354	2581	3000	10241
-18	-0.4	2202	2560	8735	1445	1680	5734

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