

RX-100

High performance refrigeration unit for small truck of 5 ~ 10 m³ storage volume.

DESCRIPTION

A refrigeration system exclusively designed for fresh and frozen applications on small size 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 one plastic turbo fan separately.

EVAPORATOR

- PLATE FIN TYPE
- One Turbo Fan - 955m³/h
- Weight: 19.8Kg (43.6lbs)
- Overall Size: 185H x 1010W x 593D mm(7.3H x 39.8W x 23.3D inch)



Evaporator Unit

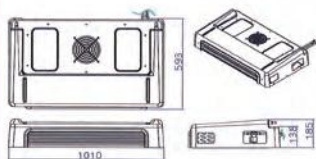
CONDENSER

- PLATE FIN TYPE
- Two AL Axial Fan - diam. 250 mm
- Weight: 27.3Kg (60.1lbs)
- Overall Size: 292H x 1006W x 427D mm(11.5H x 39.6W x 16.8D inch)

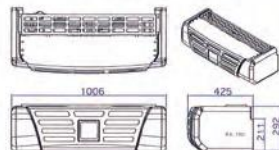


Condenser Unit

Evaporator Unit



Condenser Unit



RX-100 Detail Specification

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- SANDEN - SD-5514 - 5-cylinder 138cc
- TAMA - TM-15HS - 6-cylinder 147cc (option)
- Oil Separator (option)

REFRIGERANT

- HFC R-134a or R-404A
- Chlorine - Zero
- Refrigerant charge - 1.5 kg / 3.3 lbs (R-404A)

OTHERS

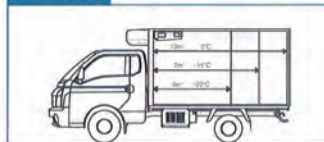
- Automatic hot gas defrost
- Current Draw : 22A @ DC12V (OPTION - 24V)

ES-400U

An electric standby unit to support RX-100, RX-120, RX-350 with AC motor. Unlike A-Tech Thermo TZ electric standby units, it is a separate unit and mounts under the truck body, and serves range of demands of customers

- Size : 335H x 380W x 632D
- Weight : 69 Kg
- Available Input volatge
- 220V/ 1PH or 3PH / 50Hz or 60Hz
- 380V / 3PH / 50Hz or 60Hz
- 415V / 3PH / 50Hz or 60Hz
- Available Output
- 12V, 30A
- 24V, 15A

Selection Guide



Component



Control Switch

Oil Separator



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	2679	3116	10632	1335	1553	5299
-18	-0.4	1756	2042	6967	1156	1334	4586
-25	-13	1371	1594	5439	-	-	-

* Specifications can be changed without notice in advance.

RX-120

High performance refrigeration unit for small truck of 5.5 ~ 11 m³ storage volume.

DESCRIPTION

A refrigeration system exclusively designed for fresh and frozen applications on small size 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 axial fans separately.

EVAPORATOR

- PLATE FIN TYPE
- Two Plastic Axial Fan - diam. 230 mm - 1120m³/h
- Weight : 20.0Kg (44.0lbs)
- Overall Size : 188H x 1005W x 590D mm(7.4H x 39.5 W x 23.2D inch)



Evaporator Unit

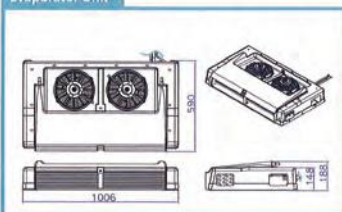
CONDENSER

- PLATE FIN TYPE
- Two AL Axial Fan - diam. 250 mm
- Weight : 24.1Kg (53.0lbs)
- Overall Size : 285H x 1020W x 455D mm(11.2H x 40.1W x 17.9D inch)



Condenser Unit

Evaporator Unit



Condenser Unit



RX-120 Detail Specification

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- SANDEN - SD-5S14 - 5-cylinder 138cc
- TAMA - TM-15HS - 6-cylinder 147cc (option)
- Oil Separator (option)

REFRIGERANT

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

OTHERS

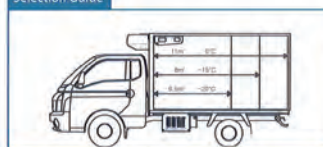
- Automatic hot gas defrost
- Current Draw : 24A @ DC12V (OPTION - DC 24V)

ES-400U

An electric standby unit to support RX-100, RX-120, RX-350 with AC motor. Unlike A-Tech Thermo TZ electric standby units, it is a separate unit and mounts under the truck body, and serves range of demands of customers

- Size : 335H x 380W x 632D
- Weight : 69 Kg
- Available Input voltage
 - 220V / 1PH or 3PH / 50Hz or 60Hz
 - 380V / 3PH / 50Hz or 60Hz
 - 415V / 3PH / 50Hz or 60Hz
- Available Output
 - 12V, 30A
 - 24V, 15A

Selection Guide



Component



Control Switch



Oil Separator



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature			HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h	
0	32	2780	3210	10953	1389	1615	5510	
-18	-0.4	1810	2105	7182	1201	1397	4767	
-25	-13	1410	1640	5596	-	-	-	

* Specifications can be changed without notice in advance.

RX-350

High performance refrigeration unit for medium sized truck of 9 ~ 19 m³ storage volume.

DESCRIPTION

A refrigeration 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.

EVAPORATOR

- PLATE FIN TYPE
- Two turbo fans - diam. 250 mm - 1870m³/h
- Weight : 23.3Kg (51.2lbs)
- Overall Size : 185H x 1260W x 593D mm(7.3H x 49.6W x 23.3D inch)



Evaporator Unit

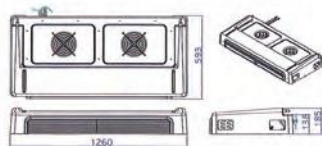
CONDENSER

- PLATE FIN TYPE
- Two electro fans - diam. 300 mm
- Weight : 32.9Kg (72.3lbs)
- Overall Size : 375H x 1080W x 509D mm(14.8H x 42.5W x 20.0D inch)

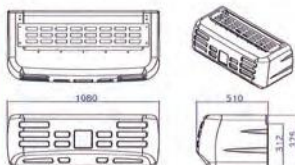


Condenser Unit

Evaporator Unit



Condenser Unit



RX-350 Detail Specification

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- SANDEN - SD-7H15 - 7-cylinder - 154.9cc
- TAMA - TM-16 - 6-cylinder - 163cc (option)

REFRIGERANT

- HFC R-134a or R-404A
- Chlorine - Zero
- Refrigerant charge - 2.2kg / 4.8 lbs (R-404A)

OTHERS

- Automatic hot gas defrost
- Current Draw : 15.9A @ DC24V

ES-400U

An electric standby unit to support RX-100, RX-120, RX-350 with AC motor. Unlike A-Tech Thermo TZ electric standby units, it is a separate unit and mounts under the truck body, and serves range of demands of customers.

- Size : 335H x 380W x 632D
- Weight : 69 Kg
- Available Input volatge
- 220V / 1PH or 3PH / 50Hz or 60Hz
- 380V / 3PH / 50Hz or 60Hz
- 415V / 3PH / 50Hz or 60Hz
- Available Output
- 12V, 30A
- 24V, 15A

Selection Guide



Component



Control Switch

Oil Separator



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	3183	3702	12631	1639	1906	6503
-18	-0.4	2025	2355	8035	1321	1536	5241
-25	-13	1480	1721	5872	-	-	-

* Specifications can be changed without notice in advance.

TZ-1500ES

High performance refrigeration unit for small truck of 3.5 ~ 5 m³ storage volume.

DESCRIPTION

A slim dynamic small van truck refrigeration system exclusively designed for fresh and frozen products. Nose or roof-top mount types are available with high efficiencies of performance with condenser and electric stand-by unit built in a single piece frame.

EVAPORATOR

- PLATE FIN TYPE
- One PP Axial Fan - diam. 230 mm - 610m³/h
- Weight: 13.7Kg (30.1lbs)
- Overall Size: 185H x 710W x 590D mm (7.3H x 27.9W x 23.2D inch)



Evaporator Unit

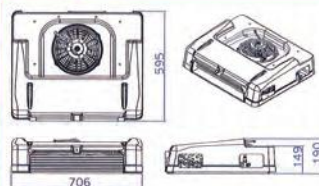
CONDENSER

- PLATE FIN TYPE
- One PP Axial Fan - diam. 280 mm
- Weight: 65Kg (158.4 lbs)
- Overall Size: 210H x 916W x 450D mm (8.3H x 36W x 17.7D inch)

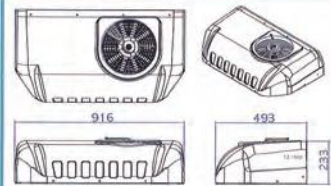


Condenser Unit

Evaporator Unit



Condenser Unit



TZ-1500ES Detail Specification

ELECTRIC STANDBY (Option)

- SANDEN SD 5H-09
- Electric Motor - 2.0Kw
- AC 230V / 380V, 1 / 3PH, 50 / 60Hz
- Overall Size: 210H x 916W x 450D mm

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- Sanden SD5H-09 - 5-cylinder 87cc
- Oil Separator (Option)

REFRIGERANT

- HFC R-134a or R-404a
- Chlorine - Zero
- Refrigerant charge - 1.2 kg / 2.62 lbs (R-404a)

OTHERS

- Automatic hot gas defrost
- Current Draw: 18.3A @ DC12V (OPTION - 24V)
- Heating capacity (Ambient temp. -20°C)
- Engine driven: 2940Btu/h Electric stand by: 2070Btu/h

REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	1651	1920	6552	826	960	3276
-18	-0.4	787	915	3122	-	-	-
-25	-13	-	-	-	-	-	-

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	892	1034	3515	651	755	2567
-18	-0.4	498	577	1961	263	306	1040
-25	-13	-	-	-	-	-	-

* Specifications can be changed without notice in advance.

Selection Guide



Component



TR-600S

High performance refrigeration unit for big size truck in range of 30 ~ 48m³ storage volume.



DESCRIPTION

As one of the self-powered diesel engine driven units in TR series is designed and manufactured for fresh and frozen applications on large truck (30 ~ 48m³).

EVAPORATOR UNIT ASS'Y

- PLATE FIN TYPE
- Plastic Axial 3-Fans - diam. 280 mm
- Air Volume : 2910m³/h
- Designed Air speed : 7.6 m/s

ELECTRIC STANDBY

- 11Kw, High Performance AC Motor
- 220V / 380V / 415V, 3-Phase, 50 / 60 Hz

COMPRESSOR

- BOCK FXK40 - 470TK (option)
- Displacement : 465cc
- Oil : 2 Liters

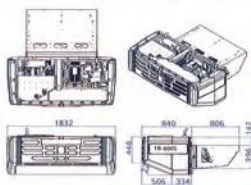
ENGINE

- DAEDONG 3C-100LW (KOREA)
- 1007cc / 14.9Kw (at 2200RPM)

REFRIGERANT

- HFC R404a or R507 & R134a
- Chlorine - Zero
- Refrigerant charge : 5.1Kg +/- 100g (R404a)

Condenser & Power Unit Ass'y



Evaporator Unit Ass'y



TR-600S

OTHERS

Defrost Control

- Manual Defrost : controlled by the press of the button manually
- Auto Defrost : automatically controlled by the difference of the pressure
- Timer Defrost : controlled by pre set-up cycling time of timer

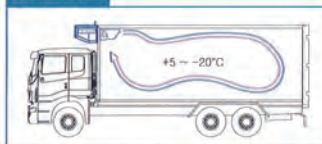
System Protection

- Engine cut off at low oil pressure
- Engine cut off at high coolant temperature
- Compressor cut off at out-ranged high or low pressure of the system

Option

- Electric Standby System : Applied electric system to operate the refrigerator while the truck engine is off-road.
- Heating System : To obtain warm temperature for the chamber at low ambient temperature
- Multi system : Multi temperatures can be obtained on any mode inter-selected between cool and heat functions.

Selection Guide



Controller & Temperature Recorder



REFRIGERATOR CAPACITY

Ambient temperature at 35°C / 95°F

	TR-600S Engine Driven			TR-600SE Electric Motor Driven(option)		
R404A	0	-20	-29	0	-20	-29
Watts	8283	5761	4080	7372	5127	3631
Kcal/h	7122	4953	3508	6338	4408	3122
BTU/h	28262	19657	13921	25153	17494	12390

HEATING CAPACITY

Ambient temperature at -20°C / 4°F

	Engine Power			Electric Power		
R404A	Kcal/h	Watts	BTU/h	Kcal/h	Watts	BTU/h
	5214	6064	20690	4692	5458	18621

* Specifications can be changed without notice in advance.

TRU-900

Under mounted type Condenser unit
For separated type Evaporator unit
for 8~11 tons refrigerator



DESCRIPTION

As one of the self-powered diesel engine driven units in TR series is an under mounted type refrigerator system with professionally designed and manufactured for fresh and frozen applications on large truck (30~48m³).

EVAPORATOR UNIT ASS'Y (OPTION)

1. Conceal (wall in) type: SE-600W
 - Three DC motor driven Double Blower
 - Air Volume: 3000m³/hr
2. Slim type: SE-600S
 - Three DC motor driven Turbo Fan
 - Air Volume: 3000m³/hr



Conceal Type Evaporator Unit : SE-600W

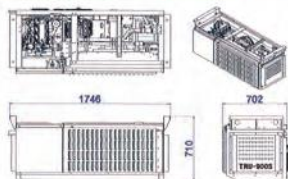


Slim Type Evaporator Unit : SE-600S

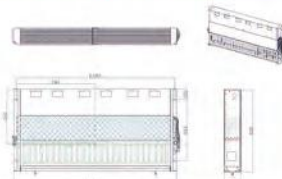
CONDENSER & POWER UNIT ASS'Y

- BOCK FXK470
- No. of Cylinder: 4
- Displacement: 465cc

Condenser & Power Unit Ass'y



Evaporator Unit Ass'y : SE-600W



TRU-900 Detail Specification

ENGINE

- Daedong 3C100LW-C (KOREA)
- No. of Cylinder: 3
- Displacement: 1007cc
- 20H.P at 2400rpm
- Daedong engines are developed under European environment standard

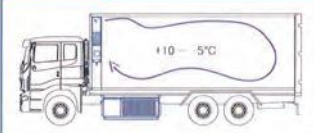
REFRIGERANT

- HFC R404a or R407C
- Refrigerant charge: 5.5kg±100g

OTHERS

- Defrost Control
- Manual Defrost : controlled by the press of the button manually
- Auto Defrost : automatically controlled by the difference of the pressure
- Timer Defrost : controlled by pre set-up cycling time of timer

Selection Guide



Controller & Temperature Recorder



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-407C refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h
0	32	7172	8283	28262

* Specifications can be changed without notice in advance.



TR-1000S

High performance refrigeration-unit for big size truck in range of 42 ~ 56m³ storage volume.



DESCRIPTION

As one of the self-powered diesel engine driven units in TR series is designed and manufactured for fresh and frozen applications on large truck(42 ~ 56m³).

EVAPORATOR UNIT ASS'Y

- PLATE FIN TYPE
- Plastic Axial 3-Fans - diam. 300 mm
- Air Volume : 3290m³/h
- Designed Air speed : 8.6 m/s

ELECTRIC STANDBY

- 11Kw , High Performance AC Motor
- 220V / 380V / 415V , 3-Phase , 50 / 60 Hz

COMPRESSOR

- BOCK FXK40 - 560TK (option)
- Displacement : 555cc
- Oil : 2 Liters

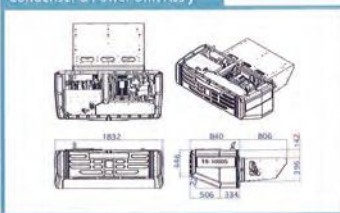
ENGINE

- DAEDONG 3C-100LW (KOREA)
- 1007cc / 14.9Kw (at 2200RPM)

REFRIGERANT

- HFC R404a or R507 & R134a
- Chlorine - Zero
- Refrigerant charge : 5.3Kg +/- 100g (R404a)

Condenser & Power Unit Ass'y



Evaporator Unit Ass'y



TR-1000S

OTHERS

Defrost Control

- Manual Defrost : controlled by the press of the button manually
- Auto Defrost : automatically controlled by the difference of the pressure
- Timer Defrost : controlled by pre set-up cycling time of timer

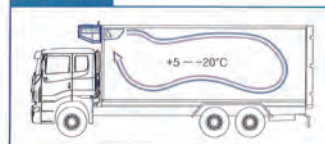
System Protection

- Engine cut off at low oil pressure
- Engine cut off at high coolant temperature
- Compressor cut off at out-ranged high or low pressure of the system

Option

- Electric Standby System : Applied electric system to operate the refrigerator while the truck engine is off-road.
- Heating System : To obtain warm temperature for the chamber at low ambient temperature
- Multi system : Multi temperatures can be obtained on any mode inter-selected between cool and heat functions.

Selection Guide



Controller & Temperature Recorder



REFRIGERATOR CAPACITY

Ambient temperature at 35°C / 95°F

	TR-1000S Engine Driven			TR-1000SE Electric Motor Driven(option)		
R404A	0	-20	-29	0	-20	-29
Watts	9367	6870	4867	8337	6114	4332
Kcal/h	8054	5907	4185	7168	5257	3724
BTU/h	31960	23440	16606	28445	20862	14780

HEATING CAPACITY

Ambient temperature at -20°C / 4°F

	Engine Power			Electric Power		
R404A	Kcal/h	Watts	BTU/h	Kcal/h	Watts	BTU/h
	6218	7232	24676	5596	6509	22208

* Specifications can be changed without notice in advance.

TZ-3000ES

High performance refrigeration unit for small truck of 4 ~10 m³ storage volume.

DESCRIPTION

A slim dynamic small truck refrigeration system exclusively designed for fresh and frozen products. With high efficiencies of performance, it features configuring the condenser and the electric standby unit built in a single piece frame.

EVAPORATOR

- PLATE FIN TYPE
- Two Plastic Axial Fan - diam. 230 mm - 1160m³/h
- Weight : 20.0Kg (44.0lbs)
- Overall Size : 188H x 1005W x 590D mm(7.4H x 39.5W x 23.2D inch)



Evaporator Unit

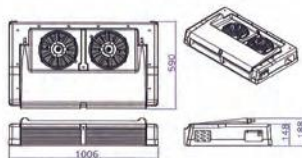
CONDENSER

- PLATE FIN TYPE
- One PP Axial Fan - diam. 280 mm
- Weight : 78Kg (171.9lbs)
- Overall Size : 230H x 1200W x 480D mm(9.0H x 47.2W x 18.9D inch)

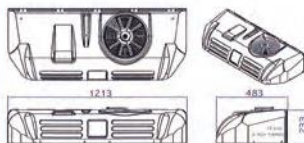


Condenser Unit

Evaporator Unit



Condenser Unit



TZ-3000ES Detail Specification

ELECTRIC STANDBY (OPTION)

- TAMA - TM-13
- Electric Motor - 2.0Kw
- AC 230V / 380V, 1 / 3PH, 50 / 60Hz
- Overall Size : 230H x 1200W x 480D mm

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- SANDEN - SD-5514 - 5-cylinder 138cc
- TAMA - TM-15HS - 6-cylinder 147cc (option)
- Oil Separator (Option)

REFRIGERANT

- HFC R-134a or R-404A
- Chlorine - Zero
- Refrigerant charge - 1.4 kg / 3.1 lbs (R-404A)

OTHERS

- Automatic hot gas defrost
- Current Draw : 20.5A @ DC12V (OPTION - 24V)
- Heating capacity (Ambient temp. -20°C)
- Engine power 45568Btu/h Electric power 4098Btu/h

REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

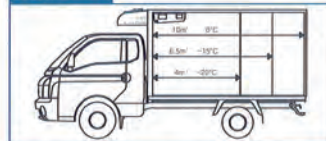
Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	2932	3518	11640	1507	1808	5982
-18	-0.4	1842	2210	7312	1215	1458	4823
-25	-13	1391	1669	5522	-	-	-

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	1491	7100	5917	1736	2067	6890
-18	-0.4	984	1172	3907	632	752	2509
-25	-13	698	831	2770	-	-	-

* Specifications can be changed without notice in advance.

Selection Guide



Component



TZ-1000

High performance refrigeration unit for small truck of 3.5 ~ 5 m³ storage volume.

DESCRIPTION

A slim dynamic small van truck refrigeration system exclusively designed for fresh and frozen products. Nose or roof-top mount types are available with high efficiencies of performance.

EVAPORATOR

- PLATE FIN TYPE
- One Plastic Axial Fan - diam. 230 mm - 610m³/h
- Weight : 13.7Kg (30.1lbs)
- Overall Size : 185H x 710W x 590D mm(7.3H x 27.9 W x 23.2D inch)



Evaporator Unit

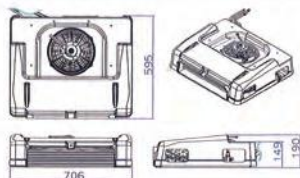
CONDENSER

- PLATE FIN TYPE
- One PP Axial Fan - diam. 280 mm
- Weight : 20.7Kg (45.5 lbs)
- Overall Size : 200H x 789W x 450D mm(7.9H x 31W x 17.7D inch)

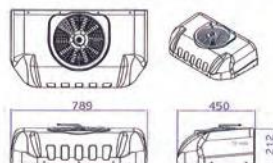


Condenser Unit

Evaporator Unit



Condenser Unit



TZ-1000 Detail Specification

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- SANDEN - SD-5H09 - 5-cylinder 87cc
- Oil Separator (Option)

REFRIGERANT

- HFC R-134a or R-404A
- Chlorine - Zero
- Refrigerant charge - 1.2 kg / 2.62 lbs (R-404A)

OTHERS

- Automatic hot gas defrost
- Current Draw : 18.3A @ DC12V (OPTION - 24V)

Selection Guide



Component



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	1651	1920	6552	826	960	3276
-18	-0.4	787	915	3122			
-25	-13						

* Specifications can be changed without notice in advance.



TZ-2000

High performance refrigeration unit for small truck of 4 ~ 10 m³ storage volume.

DESCRIPTION

A slim dynamic small truck refrigeration system exclusively designed for fresh and frozen products. With high efficiencies of performance, etc., the compressor is directly driven by the vehicle's engine. This is a split system which consists of condenser with one PP axial fan and evaporator with two plastic axial fans separately.

EVAPORATOR

- PLATE FIN TYPE
- Two Plastic Axial Fan - diam. 230 mm - 1160m³/h
- 20Kg (44lbs)
- Overall Size : 188H x 100SW x 590D mm(7.4H x 39.5 W x 23.2D inch)



Evaporator Unit

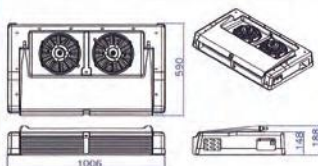
CONDENSER

- PLATE FIN TYPE
- One PP Axial Fan - diam. 280 mm
- Weight : 29Kg (63.7 lbs)
- Overall Size : 210H x 916W x 450D mm(8.3H x 36W x 17.7D inch)

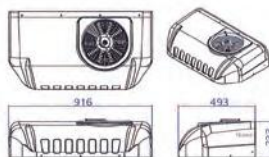


Condenser Unit

Evaporator Unit



Condenser Unit



TZ-2000 Detail Specification

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- TAMA - TM-15 - 6-cylinder 147cc
- Oil Separator (option)

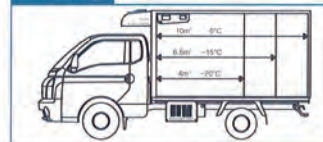
REFRIGERANT

- HFC R-134a or R-404A
- Chlorine - Zero
- Refrigerant charge - 1.3 kg / 2.86 lbs (R-404A)

OTHERS

- Automatic hot gas defrost
- Current Draw : 16.5A @ DC12V (OPTION - 24V)
- Heating capacity (Ambient temp. -20°C)
- Engine driven: 2940Btu/h Electric stand by: 2070Btu/h

Selection Guide



Component



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	2932	3518	11640	1507	1808	5982
-18	-0.4	1842	2210	7312	1215	1458	4832
-25	-13	1391	1669	5522	-	-	-

* Specifications can be changed without notice in advance.

RX-700

High performance refrigeration unit for medium sized truck of 15 ~ 26 m³ storage volume

DESCRIPTION

A refrigeration 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 three plastic axial fans separately.

EVAPORATOR

- PLATE FIN TYPE
- Three axial fans - diam. 230 mm - 1910m³/h
- Weight : 27Kg (59.3lbs)
- Overall Size : 185H x 1260W x 593D mm(7.3H x 49.6W x 23.3D inch)



Evaporator Unit

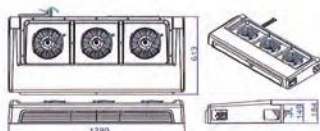
CONDENSER

- PLATE FIN TYPE
- Two electro fans - diam. 300 mm
- Weight : 32.9Kg (72.3lbs)
- Overall Size : 375H x 1080W x 509D mm(14.8H x 42.5W x 20.0D inch)

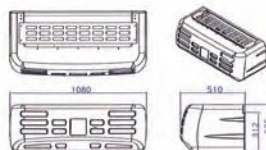


Condenser Unit

Evaporator Unit



Condenser Unit



RX-700 Detail Specification

COMPRESSOR (ENGINE DRIVEN) 2400 COMPRESSOR RPM

- TAMA - TM-21 - 10-cylinder - 215cc

REFRIGERANT

- HFC R-134a or R-404A
- Chlorine - Zero
- Refrigerant charge - 2.4kg / 5.3 lbs (R-404A)

OTHERS

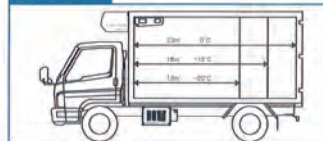
- Automatic hot gas defrost
- Current Draw : 18.3A @ DC24V

ES-400U

An electric standby unit to support RX-100, RX-120, RX-350 with AC motor. Unlike A-Tech Thermo TZ electric standby units, it is a separate unit and mounts under the truck body, and serves range of demands of customers

- Size : 335H x 380W x 632D
- Weight : 69 Kg
- Available Input voltage
- 220V / 1PH or 3PH / 50Hz or 60Hz
- 380V / 3PH / 50Hz or 60Hz
- 415V / 3PH / 50Hz or 60Hz
- Available Output
- 12V, 30A
- 24V, 15A

Selection Guide



Component



Control Switch

Oil Separator



REFRIGERATION CAPACITY

Ambient temperature at 35°C / 95°F

Evaporator return air temperature		HFC R-404a refrigerant Road Operation			HFC R-134a refrigerant Road Operation		
°C	°F	Kcal/h	Watts	Btu/h	Kcal/h	Watts	Btu/h
0	32	4302	5003	17070	2277	2648	9035
-18	-0.4	2531	2944	10045	1651	1920	6551
-25	-13	1850	2152	7343	-	-	-

* Specifications can be changed without notice in advance.