



IGT Series



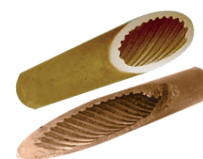
IGT Type are equipped with inner groove

This is a high efficiency type in which with IGT condenser & evaporator equipped.

IGT makes more surface contact with refrigerant in the tube which will help for the efficiency of heat exchange.

With faster physical heat exchange method the refrigerant system will easier and faster reach set temperature.

Meanwhile there are less fuel used on the vehicle and less emission for the environment.



Inner Grooved Tube

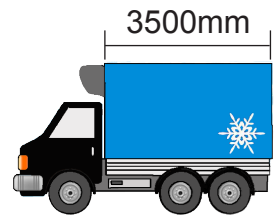


Standard Tube

High efficiency by using "IGT" with super thickness evaporator leave more room in the cabin for stacking goods.

Transport Refrigeration Unit

IGT-35



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

3200 Kcal / h 3700 W

[Working Range] _____

Cabin Temp. -25 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type TM16 / SD7H15

Displacement 169.2 / 154.9 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity 180 cm³ / 135cm³

[Condensor] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 85 x 33 x 37 (cm)

Weight 23 Kg

[Evaporator] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 118 x 70 x 16 (cm)

Weight 31 Kg

[Refrigerant] _____

R404A

[Cabin Temp. Control Unit] _____

-25 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

[Protection] _____

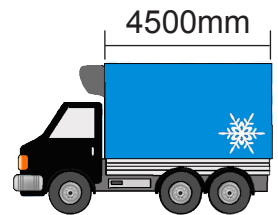
Mechanical Pressure Protection

Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

IGT-45



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

3500 Kcal / h 4000 W

[Working Range] _____

Cabin Temp. -25 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type TM16

Displacement 169.2 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity 180 cm³

[Condensor] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 105 x 50 x 35 (cm)

Weight 29 Kg

[Evaporator] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 118 x 70 x 20 (cm)

Weight 32 Kg

[Refrigerant] _____

R404A

[Cabin Temp. Control Unit] _____

-25 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

[Protection] _____

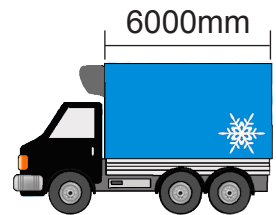
Mechanical Pressure Protection

Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

IGT-60



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

3900 Kcal / h 4500 W

[Working Range] _____

Cabin Temp. -25 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type TM21

Displacement 215 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity 200 cm³

[Condensor] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 135 x 58 x 50 (cm)

Weight 56 Kg

[Evaporator] _____

Type Inner Grooved Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 139 x 70 x 20 (cm)

Weight 38 Kg

[Refrigerant Quantity] _____

R404A

[Cabin Temp. Control Unit] _____

-25 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

[Protection] _____

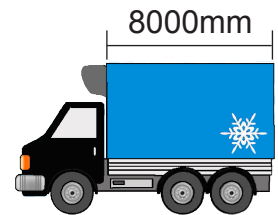
Mechanical Pressure Protection

Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

IGT-80



■ Specification

[Cooling Capacity] _____

Outside Temp. 35°C

Cabin Temp. -18°C

4300 Kcal / h 5000 W

[Working Range] _____

Cabin Temp. -25 ~ 25°C

Outside Temp. -5 ~ 40°C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type TM21

Displacement 215 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity 200 cm³

[Condensor] _____

Type Inner Grooved Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 135 x 58 x 50 (cm)

Weight 56 Kg

[Evaporator] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2 / 80 W x 3

RPM 1900 rpm

Dimension 133 x 67 x 20 (cm)
139 x 70 x 20 (cm)

Weight 25 Kg / 35 Kg

[Refrigerant] _____

R404A

[Cabin Temp. Control Unit] _____

-25 ~ 25°C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

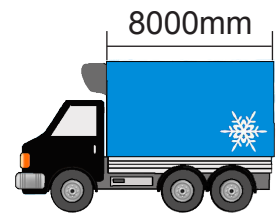
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

IGT-90



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

5000 Kcal / h 5800 W

[Working Range] _____

Cabin Temp. -25 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type TM21 x 2

Displacement 215 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity 200 cm³

[Condensor] _____

Type Inner Grooved Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 161 x 58 x 49 (cm)

Weight 60 Kg

[Evaporator] _____

Type Inner Grooved Copper Tube

Fan 80 W x 2 / 80 W x 3

RPM 1900 rpm

Dimension 133 x 67 x 20 (cm)
139 x 70 x 20 (cm)

Weight 35 KG / 38 Kg

[Refrigerant] _____

R404A

[Cabin Temp. Control Unit] _____

-25 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

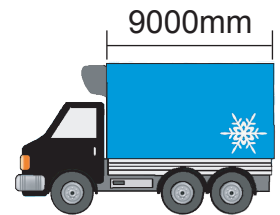
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

IGT-100



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

5600 Kcal / h 6400 W

[Working Range] _____

Cabin Temp. -25 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type TM21 x 2

Displacement 215 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity 200 cm³

[Condensor] _____

Type Inner Grooved Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 161 x 58 x 49 (cm)

Weight 60 Kg

[Evaporator] _____

Type Inner Grooved Copper Tube

Fan 80 W x 3 / 80 W x 4

RPM 1900 rpm

Dimension 133 x 67 x 20 (cm)

182 x 42 x 18 (cm)

Weight 38 Kg / 42 Kg

[Refrigerant] _____

R404A

[Cabin Temp. Control Unit] _____

-25 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

[Protection] _____

Mechanical Pressure Protection

Error Codes

Vehicle needs to change alternator if generating capacity is not enough

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