

ARUFA®



SD Series

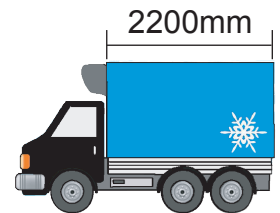
SD type has been on the road for two decades.

It's the most economical standard type with reliable quality fulfill your basic needs for transport refrigeration.

SD type carries the range from 2200 mm to 9000mm storage cabin size or 1400 kcal/hr ~6000 kcal/hr, With totally 8 kinds of system to choose from.

Transport Refrigeration Unit

SD-12



■ Specification

[Cooling Capacity] _____

Outside Temp. 35°C

Cabin Temp. -18°C

1200 Kcal/h 1390 W

[Working Range] _____

Cabin Temp. -20 ~ 25°C

Outside Temp. -5 ~ 40°C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type SD7H13 / 5H11

Displacement 129.2 / 108 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity HFC134A 180 cm³ / R134a

[Condensor] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 53 x 42 x 19 (cm)

Weight 14 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 65 x 40 x 28 (cm)

Weight 11 Kg

[Refrigerant Quantity] _____

R134A / R404A 1.4 Kg

[Cabin Temp. Control Unit] _____

-20 ~ 25°C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

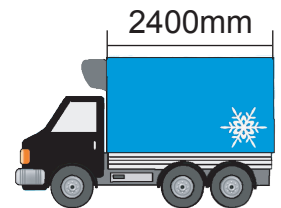
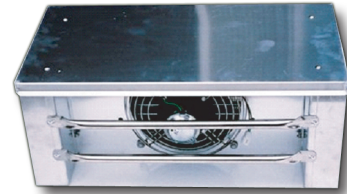
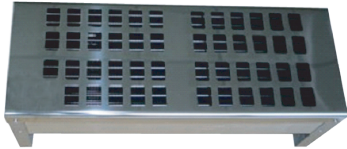
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-14



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

1400 Kcal/h 1628 W

[Working Range] _____

Cabin Temp. -20 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type SD7H13

Displacement 129.2 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity HFC134A 180 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 68 x 27 x 29 (cm)

Weight 15 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 65 x 40 x 28 (cm)

Weight 11 Kg

[Refrigerant Quantity] _____

R134A / R404A 1.8 Kg

[Cabin Temp. Control Unit] _____

-20 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

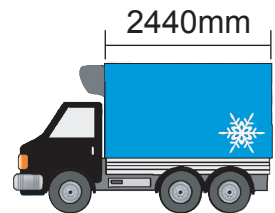
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-21



■ Specification

[Cooling Capacity] _____

Outside Temp. 35°C

Cabin Temp. -18°C

2100 Kcal/h 2440 W

[Working Range] _____

Cabin Temp. -20 ~ 25°C

Outside Temp. -5 ~ 40°C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type SD7H15

Displacement 154.9 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity R-134a 190 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 68 x 32 x 30 (cm)

Weight 17 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 65 x 40 x 32 (cm)

Weight 15 Kg

[Refrigerant Quantity] _____

R134A / R404A

[Cabin Temp. Control Unit] _____

-20 ~ 25°C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

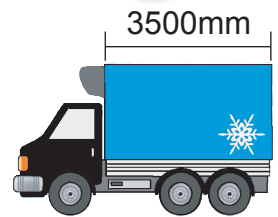
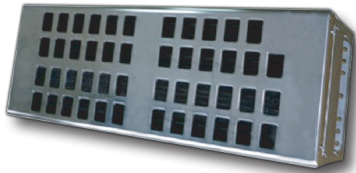
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-25



■ Specification

[Cooling Capacity] _____

Outside Temp. 35°C

Cabin Temp. -18°C

2500 Kcal/h 2900 W

[Working Range] _____

Cabin Temp. -20 ~ 25°C

Outside Temp. -5 ~ 40°C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type SD7H15

Displacement 154.9 cm³

RPM 600 ~ 7000 rpm

Refrigeration Oil Quantity R-134a 190 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 85 x 32 x 30 (cm)

Weight 20 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 1

RPM 1900 rpm

Dimension 85 x 40 x 28 (cm)

Weight 17 Kg

[Refrigerant Quantity] _____

R134A / R404A 2.6 Kg

[Cabin Temp. Control Unit] _____

-20 ~ 25°C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

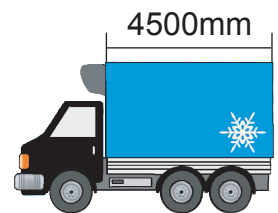
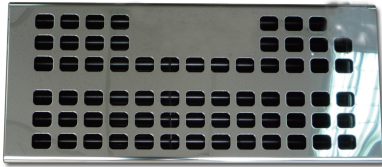
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-27



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

2700 Kcal/h 3100 W

[Working Range] _____

Cabin Temp. -20 ~ 25 °C

Outside Temp. -5 ~ 40 °C

[Vehicle Voltage] _____

12 V / 24 V

[Compressor] _____

Type SD7H15 / TM16

Displacement 154.9 / 162.9 cm³

RPM 600~7000 rpm

Refrigeration Oil Quantity R-134a 180 cm³ / 220 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 85 x 33 x 37 (cm)

Weight 23 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 85 x 40 x 32 (cm)

Weight 20 Kg

[Refrigerant Quantity] _____

R134A / R404A 2.8 Kg

[Cabin Temp. Control Unit] _____

-20 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

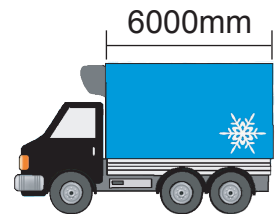
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-30



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

3000 Kcal/h 3400 W

[Working Range] _____

Cabin Temp. -20 ~ 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 280 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 97 x 33 x 37 (cm)

Weight 29 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 100 x 40 x 32 (cm)

Weight 28 Kg

[Refrigerant Quantity] _____

R134A / R404A

[Cabin Temp. Control Unit] _____

-20 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

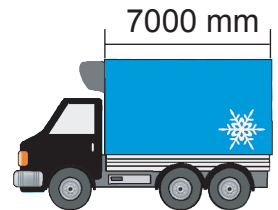
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-35



■ Products

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

3500 Kcal/h 4000 W

[Working Range] _____

Cabin Temp. -20 ~ 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 Copper Tube

Fan 80 W x 2

RPM 1900 rpm

Dimension 118 x 56 x 45 (cm)

Weight 52 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 124 x 47 x 35 (cm)

Weight 30 Kg

[Refrigerant Quantity] _____

R134A / R404A

[Cabin Temp. Control Unit] _____

-20 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

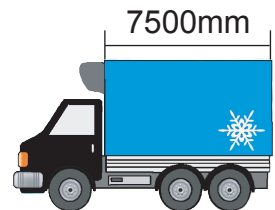
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-39



■ Specification

[Cooling Capacity] _____

Outside Temp. 35 °C

Cabin Temp. -18 °C

3900 Kcal/h 4500 W

[Working Range] _____

Cabin Temp. -20 ~ 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 280 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 118 x 56 x 45 (cm)

Weight 56 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 129 x 47 x 35 (cm)

Weight 32 Kg

[Refrigerant] _____

R134A / R404A

[Cabin Temp. Control Unit] _____

-20 ~ 25 °C (Adjustable micro computer)

[Defrost] _____

Auto Defrost

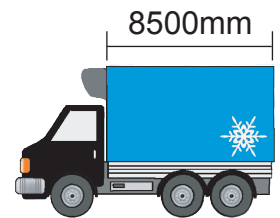
[Protection] _____

Mechanical Pressure Protection
Error Codes

Vehicle needs to change alternator if generating capacity is not enough

Transport Refrigeration Unit

SD-48



■ Specification

[Cooling Capacity] _____

Outside Temp. 35°C

Cabin Temp. -18°C

3500 Kcal/h 5500 W

[Working Range] _____

Cabin Temp. -20 ~ 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 280 cm³

[Condensor] _____

Type Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 145 x 56 x 45 (cm)

Weight 58 Kg

[Evaporator] _____

Type Copper Tube

Fan 80 W x 3

RPM 1900 rpm

Dimension 150 x 47 x 35 (cm)

Weight 40 Kg

[Refrigerant] _____

R134A / R404A

[Cabin Temp. Control Unit] _____

-20 ~ 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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<http://www.yiitean.com.tw>

