

<b>Part number</b>
<b>Motor series</b>
<b>Refrigerant</b>
<b>Refrigerant capacity*</b>
<b>Motor speed range</b>
<b>Optimal operating speed</b>
<b>Displacement</b>
<b>Number of cylinders</b>
<b>Nominal weight</b>
<b>Max pressure</b>
<b>Relief valve</b>
<b>Suction connection size</b>
<b>Discharge connection size</b>
<b>Connection pattern</b>
<b>Oil return fitting</b>
<b>Oil type</b>
<b>Oil fill (factory)</b>
<b>Operating voltage</b>
<b>Current</b>
<b>Power</b>
<b>Maximum operating ambient temperature (with ambient air flow)</b>
<b>Maximum operating ambient temperature (with additional air flow)</b>
<b>Enclosure class (controller housing &amp; motor/compressor)</b>
<b>Power supply gland</b>
<b>Electical certification date</b>
<b>Communication &amp; control interfaces</b>
<b>Nominal dimensions L x W x H (mm)</b>

**600 V dc**



**UD150-600**

Model 150 (600 V dc)
R134a/R1234yf
5200-6200 W
800-1850 rpm
1850 rpm
145cc / rev
10
21 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

200cc

480-720 V dc

5.5 A

3000 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

450 x 161 X 237



**UDF150-600**

Model 200 (600 V dc)
R404a/R452a
6900-8300 W
800-1850 rpm
1850 rpm
145cc / rev
10
25 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

POE32 or POE68

200cc

480-720 V dc

8.25 A

4500 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

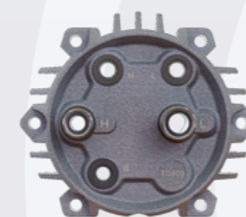
CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

513 x 161 X 237



**UD200-600**

Model 200 (600 V dc)
R134a/R1234yf
7500-9000 W
800-1850 rpm
1850 rpm
200.4cc / rev
10
26 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

250cc

480-720 V dc

8.25 A

4500 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

530 x 161 X 237



**UD150-400**

Model 150 (400 V dc)
R134a/R1234yf
5200-6200 W
800-1850 rpm
1850 rpm
145cc / rev
10
21 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

200cc

320-480 V dc

7.5 A

3000 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

450 x 161 X 237

**400 V dc**



**UDF150-400**

Model 200 (400 V dc)
R404a/R452a
6900-8300 W
800-1850 rpm
1850 rpm
145cc / rev
10
25 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

POE32 or POE68

200cc

320-480 V dc

11.25 A

4500 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

513 x 161 X 237



**UD200-400**

Model 200 (400 V dc)
R134a/R1234yf
7500-9000 W
800-1850 rpm
1850 rpm
200.4cc / rev
10
26 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

250cc

320-480 V dc

11.25 A

4500 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

530 x 161 X 237



**UD150-72**

Model 150 (72 V dc)
R134a/R1234yf
5200-6200 W
800-1850 rpm
1850 rpm
145cc / rev
10
21 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

200cc

60-84 V dc

42 A

3000 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

450 x 161 X 237



**UDF150-72**

Model 200 (72 V dc)
R404a/R452a
6900-8300 W
800-1850 rpm
1850 rpm
145cc / rev
10
25 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

POE32 or POE68

200cc

60-84 V dc

62.50 A

4500 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

513 x 161 X 237



**UD200-72**

Model 200 (72 V dc)
R134a/R1234yf
7500-9000 W
800-1850 rpm
1850 rpm
200.4cc / rev
10
26 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

250cc

60-84 V dc

62.50 A

4500 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

530 x 161 X 237



**UD150-48**

Model 150 (48 V dc)
R134a/R1234yf
5200-6200 W
800-1850 rpm
1850 rpm
145cc / rev
10
21 kg
LP 7 bar // HP 25 bar
32 bar
7/8 - 14 UNF #10
3/4 - 16 UNF #8



7/16-20 UNF male flare

PAG56 or POE68

200cc

42-54 V dc

62.5 A

3000 W

45°C

55°C

IP55/IP68

Nickle plate M20

10/16/2021

CAN, RS485, USB, Ethernet, Bluetooth, 0-10 V dc, 4-20 mA, Run/Stop

450 x 161 X 237

\*Refrigeration capacity - R134a measured at Evap T: 0°C, Cond T: 45-55°C - R404a measured in Evap T: -10°C, Cond T: 35-45°C - Operating speed 1850rpm - Refer to product bulletin for alternative operating conditions