



Applications

Daikin Rooftop units are intended for comfort cooling applications in normal heating, ventilating, and air conditioning. Consult your local Daikin sales representative for applications involving operations at high ambient temperatures, high altitudes, non-cataloged voltages, or for job-specific unit selections that fall outside of the range of the catalog tables.

For proper operation, units should be rigged in accordance with instructions stated on the installation manual. Fire dampers, if required, must be installed in the ductwork according to local and/or state codes. No space is allowed for these dampers in the unit.

Follow factory check, test and start procedures explicitly to achieve satisfactory start-up and operation.

Most rooftop applications take advantage of the significant energy savings provided with economizer operation. When an economizer system is used, mechanical refrigeration is typically not required below an ambient temperature of 50°F.

Serviceability

Daikin packaged rooftop units are built with serviceability in mind, designed to make future maintenance and service on the unit easy and accessible.

- » Our packaged rooftop units offer a slide out blower to facilitate the access and removal of the fan.
- » Filter panels on the small chassis line offer tool-less access for easy maintenance.
- » Independent compressor outside of the air bypass to eliminate component blockage and provide easy access.
- » Color coded wire to identify point-to-point component connections.
- » All 3-6 ton units are designed for convertible airflow orientation to serve downflow or horizontal applications. Every unit ships prepared to convert to horizontal orientation in the field if required.
- » Screw on style high and low pressure switches allow for ease of replacement without the need for refrigerant recovery.



Model	DSC0361D000001S	DSC0363D000001S	DSC0364D000001S	DSC0367D000001S
COOLING CAPACITY				
Total, BTU/h	35,000	35,000	35,000	35,000
SEER2 / EER2 (IEER / EER for 6T)	14 / 12	14 / 12	14 / 12	14 / 12
AHRI Reference #	215414886	215414887	215414888	215414889
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1160	1160	1160	1160
RPM	1200 MAX	1200 MAX	1500 MAX	1500 MAX
Indoor Horsepower	3/4	3/4	1.2	1.2
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	46.0	46.0	46.0	46.0
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41	6.41
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
Quantity of Condenser Fan Motors	1	1	1	1
RPM (High/Low stage)	810	810	810	810
Outdoor Horsepower	1/6	1/6	1/6	1/6
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)				
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	16.4 / 88.0	10.6 / 97.5	4.9 / 44.3	3.8 / 27.1
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	5.7	5.7	2.5	2
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.95	0.95	0.48	0.39
Min. Circuit Ampacity ¹	27.2/27.2	19.9/19.9	9.1	7.2
Max. Overcurrent Protection (A) ²	40/40	30/30	15	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	484	482	490	490
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	554	552	560	560

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DSC0481D000001S	DSC0483D000001S	DSC0484D000001S	DSC0487D000001S
COOLING CAPACITY				
Total, BTU/h	46,000	46,000	46,000	46,000
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414890	215414891	215414892	215414893
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1600	1600	1600	1600
RPM	1200 MAX	1200 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.0	1.0	1.2	1.2
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	59.0	59.0	59.0	59.0
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41	6.41
Rows Deep/ Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
Quantity of Condenser Fan Motors	1	1	1	1
RPM (High/Low stage)	1122	1122	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	12.3	12.3	12.3	12.3
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)				
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	19.4 / 128	12.2 / 120.0	5.8 / 55.1	5.8 / 41.0
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	6.9	6.9	2.5	2
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	2	0.85	0.67
Min. Circuit Ampacity ¹	33.1/33.1	24.1/24.1	10.6	9.9
Max. Overcurrent Protection (A) ²	50/50	35/35	15	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	507	502	506	506
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	577	572	576	576

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DSC0601D000001S	DSC0603D000001S	DSC0604D000001S	DSC0607D000001S
COOLING CAPACITY				
Total, BTU/h	57,500	57,500	57,500	57,500
SEER2 / EER2 (IEER / EER for 6T)	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8	13.7 / 11.8
AHRI Reference #	215414894	215414895	215414896	215414897
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)				
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	Standard
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	1860	1860	1860	1860
RPM	1200 MAX	1200 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.0	1.0	1.2	1.2
Filter Size (in)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)	20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	63	63	63	63
Evaporator Coil Face Area (ft ²)	6.41	6.41	6.41	6.41
Rows Deep / Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)				
Quantity of Condenser Fan Motors	1	1	1	1
RPM (High/Low stage)	1122	1122	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft ²)	17.6	17.6	17.6	17.6
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)				
Quantity / Type / Stages	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1	1 / Scroll / 1
Compressor RLA / LRA	23.9 / 148.0	15.4 / 156.0	7.7 / 69.0	6.4 / 47.8
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	6.9	6.9	2.5	2.0
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2.0	2.0	0.85	0.67
Min. Circuit Ampacity ¹	38.7 / 38.7	28.1 / 28.1	13.0	10.7
Max. Overcurrent Protection (A) ²	60 / 60	40 / 40	20	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)				
Operating Weight (lbs)	512	508	512	512
SHIPPING WEIGHT (LBS.)				
Ship Weight (lbs)	582	578	582	582

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Model	DSC0723D000001S	DSC0724D000001S	DSC0727D000001S	DSC0723W000001F	DSC0724W000001F	DSC0727W000001F
COOLING CAPACITY						
Total, BTU/h	69,000	69,000	69,000	69,000	69,000	69,000
SEER2 / EER2 (IEER / EER for 6T)	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8	16.7 / 11.8
AHRI Reference #	215415680	215415681	215415682	215415680	215415681	215415682
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)						
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard	High	High	High
Wheel Dia. X Width	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11	12 x 11
Indoor Nominal CFM	2100	2100	2100	2100	2100	2100
RPM	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1500 MAX	1500 MAX
Indoor Horsepower	1.2	1.2	1.2	2.3	2.3	2.3
Filter Size (in)	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2	14 X 20 X 2, 20 X 20 X 2
Drain Size (NPT)	3/4	3/4	3/4	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.)	83	83	83	83	83	83
Evaporator Coil Face Area (ft ²)	9.16	9.16	9.16	9.16	9.16	9.16
Rows Deep/ Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)						
Quantity of Condenser Fan Motors	1	1	1	1	1	1
RPM (High/Low stage)	1122	1050	1050	1122	1050	1050
Outdoor Horsepower	1/3	1/3	1/3	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft ²)	17.2	17.2	17.2	17.2	17.2	17.2
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23	1 / 23
COMPRESSOR (ALL SINGLE-STAGE)						
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	16.1 / 155	7.0 / 70.8	6.0 / 58.2	16.1 / 155	7.0 / 70.8	6.0 / 58.2
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	5	2.5	2	7.7	4.5	3.8
Max External Static (In. W.C.)	0.8	0.8	0.8	1.8	1.8	1.8
Outdoor Fan FLA	2	0.85	0.67	2	0.85	0.67
Min. Circuit Ampacity ¹	27.2/27.2	12.2	10.2	29.9/29.9	14.2	12
Max. Overcurrent Protection (A) ²	40/40	15	15	45/45	20	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	581	581	581	585	585	585
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	651	651	651	655	655	655

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

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