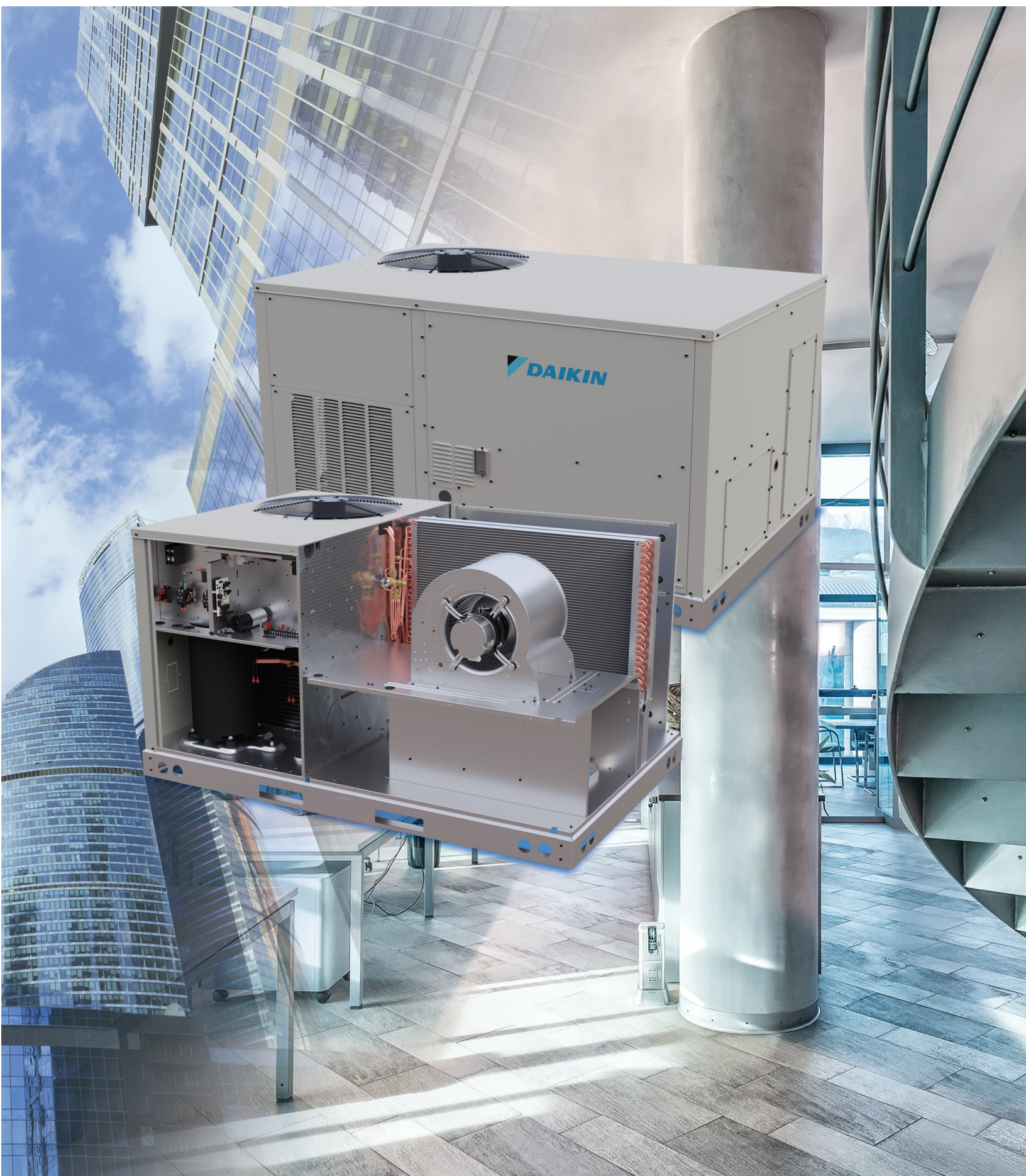




Applications

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.
- » Labeled field connections, color coded and continuously marked wire to identify point-to-point component connections.
- » All 3-12.5 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.
- » Condenser clean out from inside-out.
- » Easy access to gas valves and control panel.



Model	DHG0361DL00001S	DHG0361DM00001S	DHG0361DH00001S	DHG0363DL00001S	DHG0363DM00001S	DHG0363DH00001S
COOLING CAPACITY						
Total BTU/H	35,000	35,000	35,000	35,000	35,000	35,000
SEER2 / EER2	16.6 / 12.5	16.6 / 12.5	16.6 / 12.5	16.6 / 12.5	16.6 / 12.5	16.6 / 12.5
AHRI Reference #	216019231	216019231	216019231	216019232	216019232	216019232
HEATING CAPACITY						
Heat Range	Low	Medium	High	Low	Medium	High
No. of Burners	2	3	6	2	3	6
High Stage Input / Output (KBTU/H)	45.0 / 36.5	70.0 / 56.7	115.0 / 93.2	45.0 / 36.5	70.0 / 56.7	115.0 / 93.2
Low Stage Input / Output (KBTU/H)	33.8 / 27.4	52.5 / 42.5	86.3 / 69.9	33.8 / 27.4	52.5 / 42.5	86.3 / 69.9
Thermal Efficiency (T.E.)	--	--	--	80	80	80
Annual Fuel Utilization Efficiency (AFUE)	81	81	81	--	--	--
Nox Emissions	40	40	40	40	40	40
High Stage Temperature Rise Range (°F)	15 - 45	25 - 55	45 - 75	15 - 45	25 - 55	45 - 75
Low Stage Temperature Rise Range (°F)	5 - 35	15 - 45	35 - 65	5 - 35	15 - 45	35 - 65
Static Pressure Range (In. W.C.)	0.10 - 0.80	0.12 - 0.80	0.20 - 0.80	0.10 - 0.80	0.12 - 0.80	0.20 - 0.80
EVAPORATOR MOTOR COIL						
Motor Type	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	0.8	0.8	0.8	0.8	0.8	0.8
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	1160	1160	1160	1160	1160	1160
RPM	1200	1200	1200	1200	1200	1200
Indoor Horsepower	0.75	0.75	0.75	0.75	0.75	0.75
Filter Size (in)	14 X 20 X 2 (4)	14 X 20 X 2 (4)	14 X 20 X 2 (4)	14 X 20 X 2 (4)	14 X 20 X 2 (4)	14 X 20 X 2 (4)
Drain Size (NPT)	¾	¾	¾	¾	¾	¾
R32 Refrigerant Charge (oz.)	82	82	82	82	82	82
Evaporator Coil Face Area (ft²)	7.3	7.3	7.3	7.3	7.3	7.3
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	1	1	1	1	1	1
RPM (High/Low stage)	810	810	810	810	810	810
Outdoor Horsepower	1/6	1/6	1/6	1/6	1/6	1/6
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
Face Area (ft²)	12.5	12.5	12.5	12.5	12.5	12.5
Rows Deep / Fins per Inch	2 / 28	2 / 28	2 / 28	2 / 28	2 / 28	2 / 28
COMPRESSOR						
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	14.5 / 91.0	14.5 / 91.0	14.5 / 91.0	9.2 / 82.0	9.2 / 82.0	9.2 / 82.0
ELECTRICAL DATA						
Voltage-Phase-Frequency	208/230-1-60	208/230-1-60	208/230-1-60	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower FLA	5.7	5.7	5.7	5.7	5.7	5.7
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	0.95	0.95	0.95	0.95	0.95	0.95
Min. Circuit Ampacity¹	24.8/24.8	24.8/24.8	24.8/24.8	18.1 / 18.1	18.1 / 18.1	18.1 / 18.1
Max. Overcurrent Protection (A)²	35 / 35	35 / 35	35 / 35	25 / 25	25 / 25	25 / 25
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)	572	572	572	572	572	572
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	630	630	630	630	630	630

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.