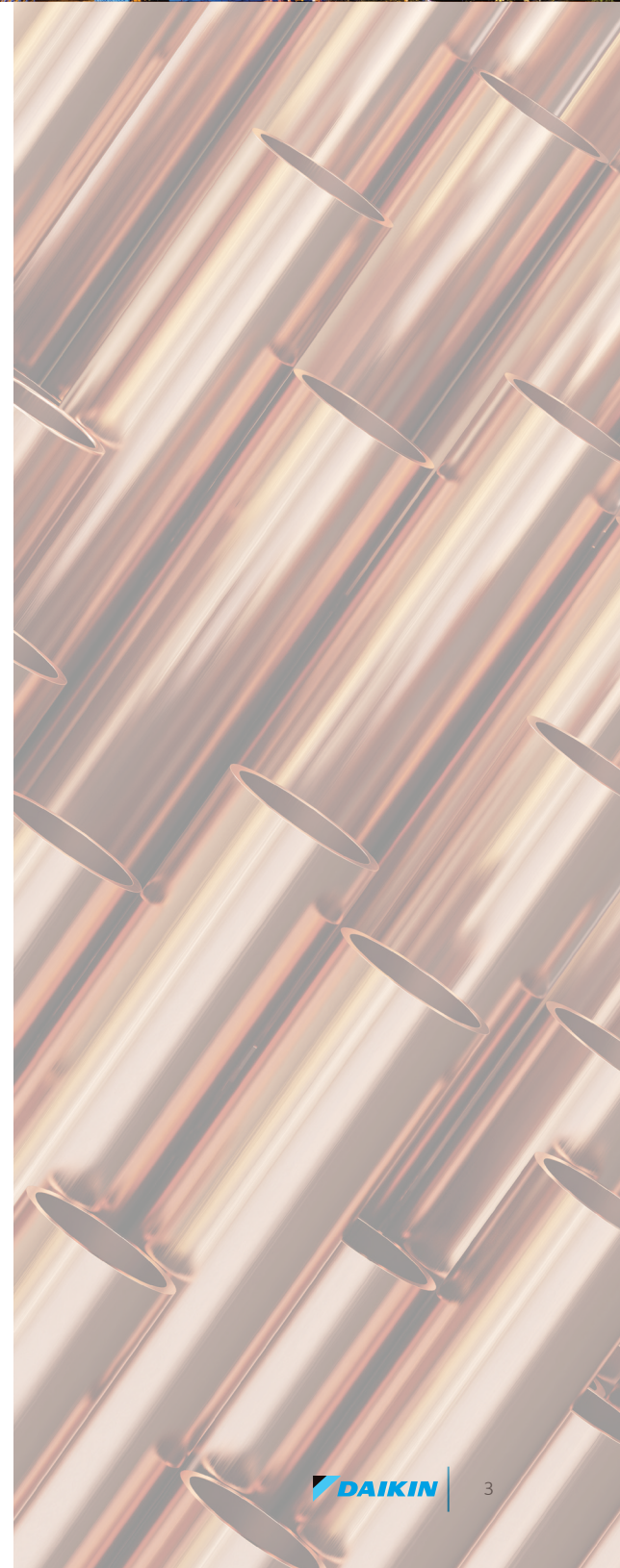




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Nomenclature

	D	S	G	120	3	S	400	C	A	A	X	X	X	X	X	X	X	A	*		
	1	2	3	4,5,6	7	8	9,10,11	12	13	14	15	16	17	18	19	20	21	22	23	24	
																				Revision Levels	
																				Major & Minor	
Brand																					
D Daikin																					
Configuration																					
S R 32 Standard Efficiency																					
H R 32 High Efficiency																					
Application																					
C Cooling																					
G Gas Heat																					
H Heat Pump																					
Nominal Cooling Capacity																					
036 3 Tons	090 7½ Tons	180 15 Tons																			
048 4 Tons	102 8½ Tons	240 20 Tons																			
060 5 Tons	120 10 Tons	300 25 Tons																			
072 6 Tons	150 12½ tons																				
																				X	No Options
Voltage																					
1 208-230/1/60	4 460/3/60																				
3 208-230/3/60	7 575/3/60																				
Supply Fan/Drive Type/Motor																					
D Direct Drive- Standard Static	L Direct Drive-Medium Static																				
W Direct Drive- High Static																					
Nominal Heating Capacity																					
Gas/Electric	A/C H/P Factory-Installed Electric Heat																				
045 45,000 BTU/h	XXX No Heat																				
060 60,000 BTU/h	005 5kW																				
070 70,000 BTU/h	010 10 kW																				
080 80,000 BTU/h	015 15 kW																				
090 90,000 BTU/h	020 20 kW																				
100 100,000 BTU/h	030 30 kW																				
115 115,000 BTU/h	045 45 kW																				
125 125,000 BTU/h	060 60 kW																				
130 130,000 BTU/h	075 75kW																				
140 140,000 BTU/h																					
150 150,000 BTU/h	Electric Heat w/ SCR controls																				
180 180,000 BTU/h	S05 5kW	S22 20 kW																			
210 210,000 BTU/h	S10 10 kW	S25 25 kW																			
225 225,000 BTU/h	S15 15 kW	S30 30 kW																			
240 240,000 BTU/h	S16 15 kW	S31 30 kW																			
260 260,000 BTU/h	S18 18 kW	S45 45 kW																			
350 350,000 BTU/h	S20 20 kW	S46 45 kW																			
360 360,000 BTU/h	S21 20 kW	S60 60 kW																			
400 400,000 BTU/h	S75 75kW																				
480 480,000 BTU/h																					
See product specifications for heat size(s) available for each capacity.																					
Refrigeration Systems																					
A Single stage cooling modes																					
C Two stage cooling modes																					
F Two stage cooling modes with Hot Gas Reheat and Low-ambient control																					
G Single stage cooling mode with Low-ambient controller																					
H Two stage cooling mode with Low-ambient controller																					
Heat Exchanger																					
X No options	U Ultra Low No _x																				
A Standard Aluminized Exchanger																					
S Stainless Steel Exchanger																					
Controls																					
A Electromechanical controls																					
B DDC w/ BACnet interface																					
D R32 Sensor																					
E RA Smoke Detector																					
F SA Smoke Detector																					
G RA & SA Smoke Detector																					
Coils, Hail guard																					
Sensors																					

Daikin Packaged Rooftop Units (RTUs) are built to perform, with features and options that help provide low installation and operation costs, superior indoor air quality, efficient operation, and longevity.

Installation

Daikin Packaged Units are designed with fast and easy installation in mind for both new construction and retrofit.

Cabinet Construction

Daikin packaged rooftop units are made with high quality galvanized steel with a powder-paint finish to provide higher corrosion resistance.

- » Unit fully insulated to prevent sweating and thermal losses, using our foil face fiberglass insulation which also omits exposed filter fibers into the airstream.
- » The full perimeter base rail is built using heavy gauge galvanized steel for a stronger structural installation. The base rails are a minimum of 3 ½" tall and include holes to allow for overhead rigging and lifting with forklifts.
- » Electrical lines and gas lines can be brought through the base of the unit or through the horizontal knockout for easy installation and accessibility on the field

Compressor

High performance, low noise scroll compressors with stage control to match the required total load for efficient part load control.

- » Resiliently factory-mounted on rubber grommets for vibration isolation.
- » Refrigeration circuit includes both high and low pressure safety switches.
- » Unit is factory charged with environmentally friendly Low GWP R-32 refrigerant.
- » Two single-stage scroll compressors individually circuited for partial load applications.
- » Compressor location outside the condenser section to avoid air bypass.
- » Crankcase heaters and external thermal overload protection are also provided for compressor durability.

Supply Fan

Supply fan will be 2 direct-drive motors.

- » Ball bearing Direct-Drive EEM motor removes the need for belts, sheaves, bearings and lubrication. Slide out forward curb fan for easy maintenance and replacement.
- » High-static drive options for applications with high airflow/static requirements.
- » Each fan assembly is dynamically trim balanced at the factory before shipment for quick start-up and efficient operation.
- » Motor with thermal overload is provided for long lasting operation.

Coils

All units use large face area outdoor coils. These coils are constructed with seamless copper tubes, mechanically bonded into aluminum plate-type fins with full drawn collars to completely cover the tubes for high operating efficiencies.

- » Coils are factory pressure tested to ensure pressure and leak integrity.
- » Coils include a Thermal Expansion Valve per circuit, high- and low-pressure switches, service ports and high capacity filter drier.
- » Microchannel heat exchanger technology on all condenser coils for improved performance and reduced refrigerant load.
- » All units use large face area outdoor coils.
- » Copper tube / aluminum fin coils on evaporator.

