

Nomenclature

	D	R	C	036	3	D	XXX	C	X	A	X	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
Brand	D Daikin																			
Configuration	R High Efficiency																			
Application	C Cooling																			
Nominal Cooling Capacity	036 3 Tons 048 4 Tons 060 5 Tons 072 6 Tons																			
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 W Direct-Drive- High-Static																			
Nominal Heating Capacity	XXX No Heat 005 5kW 010 10 kW 015 15 kW 016 15 kW 020 20 kW 021 20 kW 022 20 kW 030 30 kW 031 30 kW																			
AC Field and Factory-Installed Electric Heat	See product specifications for heat size(s) available for each capacity.																			
Refrigeration Systems	C Two stage cooling modes F Two stage cooling modes with Hot Gas Reheat and Low-ambient control																			
Heat Exchanger	X No options B No options																			
Controls	A Electromechanical controls C DDC w/ BACnet™ interface																			
Revision Levels	Major & Minor																			
PE Connection	X No Options B Single-point power connection for Power Exhaust																			
Service Options	X No Options A Powered convenience outlet B Non-powered convenience outlet C Hinge Panels D Hinged Panels and Powered convenience outlet E Hinged Panels and non-powered convenience outlet M Metal frame filter and Hinged Panels (National Account Customers Only)																			
Electrical	X No Options A Non-Fused Disconnect B Phase Monitor C Thru-the-base connections E Non-Fused Disconnect and Phase Monitor F Non-Fused Disconnect and Thru-the-base connections H Phase Monitor and Thru-the-base connections L Non-Fused Disconnect, Thru-the-base connections and Phase Monitor																			
Economizer	X No Options A Ultra Low-Leak Downflow Economizer w/ Enthalpy Sensor B Low-Leak Downflow Economizer w/ Enthalpy Sensor E Ultra Low-Leak Downflow Economizer for DDC controls w/ Enthalpy Sensor G Ultra Low-Leak Downflow Economizer w/ Dry Bulb Sensor H Low-Leak Downflow Economizer w/ Dry Bulb Sensor L Ultra Low-Leak Downflow Economizer for DDC controls w/ Dry Bulb Sensor N Low-Leak Downflow Economizer for DDC controls w/ Enthalpy Sensor P Low-Leak Downflow Economizer for DDC controls w/ Dry Bulb Sensor																			
Coils, Hail guard	X No Options C Hail Guard																			
Sensors	X No Options A RA Smoke Detector B SA Smoke Detector C RA & SA Smoke Detector																			

AC Stocking Models	
New Daikin 3-6 Ton Direct-Drive	
MODEL NUMBER	CODE STRING
DRC0361D000001S	DRC0361DXXXCXAXXXXXXXXXX
DRC0363D000001S	DRC0363DXXXCXAXXXXXXXXXX
DRC0364D000001S	DRC0364DXXXCXAXXXXXXXXXX
DRC0367D000001S	DRC0367DXXXCXAXXXXXXXXXX
DRC0481D000001S	DRC0481DXXXCXAXXXXXXXXXX
DRC0483D000001S	DRC0483DXXXCXAXXXXXXXXXX
DRC0484D000001S	DRC0484DXXXCXAXXXXXXXXXX
DRC0487D000001S	DRC0487DXXXCXAXXXXXXXXXX
DRC0601D000001S	DRC0601DXXXCXAXXXXXXXXXX
DRC0603D000001S	DRC0603DXXXCXAXXXXXXXXXX
DRC0604D000001S	DRC0604DXXXCXAXXXXXXXXXX
DRC0607D000001S	DRC0607DXXXCXAXXXXXXXXXX
DRC0723D000001S	DRC0723DXXXCXAXXXXXXXXXX
DRC0724D000001S	DRC0724DXXXCXAXXXXXXXXXX
DRC0727D000001S	DRC0727DXXXCXAXXXXXXXXXX

Model	DRC0723D000001S	DRC0724D000001S	DRC0727D000001S
COOLING CAPACITY			
Total, BTU/h	72,000	72,000	72,000
IEER / EER	17.1/12.1	17.1/12.1	17.1/12.1
AHRI Reference #	206214135	206214136	206214137
EVAPORATOR MOTOR / COIL			
Motor Type	Direct-Drive	Direct-Drive	Direct-Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	12x11	12x11	12x11
Indoor Nominal CFM	2200	2200	2200
RPM	1500	1500	1500
Indoor Horsepower	1.20	1.20	1.20
Filter Size (in)	20 X 20 X 2 (4)	20 X 20 X 2 (4)	20 X 20 X 2 (4)
Drain Size (NPT)	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.)	170	170	170
Evaporator Coil Face Area (ft ²)	10.1	10.1	10.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16
CONDENSER FAN/COIL			
Quantity of Condenser Fan Motors	1	1	1
RPM (High/Low stage)	1122	1122	1122
Outdoor Horsepower	0.33	0.33	0.33
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4
Face Area (ft ²)	24.1	24.1	24.1
Rows Deep / Fins per Inch	2 / 28	2 / 28	2 / 28
COMPRESSOR			
Quantity / Type / Stages	1 / Scroll / 2	1 / Scroll / 2	1 / Scroll / 2
Compressor RLA / LRA	17.6/136	8.5/66.1	6.3/55.3
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	5	2.5	2
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	2	0.85	0.67
Min. Circuit Ampacity ¹	29.0/29.0	13.9	10.6
Max. Overcurrent Protection (A) ²	45/45	20	15
Power Supply Conduit Hole Dia. (in)	1.125	1.125	1.125
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	657	657	657
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	715	715	715

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.

Coil Dimensions

Model	Tons	Fin height in.	Fin length in.
DRC	3	27.71	38.07
	4	27.71	38.07
	5	34.64	38.07
	6	38.10	38.07

AHRI Ratings

1PH Models			
MODEL	CAPACITY	EER2	SEER2
DRC036*D	36,000	12.1	16.4
DRC048*D	47,000	12.0	16.4
DRC060*D	58,000	11.9	16.2

3PH Models			
MODEL	CAPACITY	EER	SEER
DRC036*D	36,000	12.8	17.0
DRC048*D	48,000	13.0	17.0
DRC060*D	59,000	12.1	16.5
MODEL	CAPACITY	EER	IEER
DRC072*D	72,000	12.1	17.1

Sound Data

Model	OUTDOOR SOUND (dB) AT 60 Hz								
	A-Weighted	63	125	250	500	1000	2000	4000	8000
036*D	75	78.5	85.4	74.4	71.8	69.1	65.8	60.9	59.2
048*D	73	82.5	78.1	71.6	69.5	68.0	66.1	59.5	58.6
060*D	76	84.4	80.5	76.2	72.9	70.9	67.4	63.8	63.1
072*D	81	82.7	80.6	80.5	77.7	75.2	72.1	69.7	67.2
036*W	75	78.5	85.4	74.4	71.8	69.1	65.8	60.9	59.2
048*W	77	86.5	83.2	73.7	72.4	70.5	69.3	65.9	64.8
060*W	79	94.8	89.4	78.7	74.3	71.9	68.0	64.8	63.5
072*W	81	86.4	81.7	81.2	77.7	75.4	72.2	70.1	67.7

Notes:

¹ Outdoor sound data is measured in accordance with AHRI standard 270.

² Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.

³ A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 270.