

Nomenclature

	D	F	C	036	3	S	XXX	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
Brand																				Revision Levels
D Daikin																				Major & Minor
Configuration																				
B Base Efficiency																				X No Options
F 2023 Standard Efficiency																				
R High Efficiency																				
Application																				PE Connection
C Cooling																				X No Options
G Gas/Electric																				B Single-point power connection for Power Exhaust
H Heat Pump																				
Nominal Cooling Capacity																				IAQ
036 3 Tons 090 7½ Tons 240 20 Tons																				X No Options
048 4 Tons 102 8½ Tons 300 25 Tons																				
060 5 Tons 120 10 Tons																				
072 6 Tons 150 12½ tons																				
Voltage																				Service Options
1 208-230/1/60 4 460/3/60																				X No Option
3 208-230/3/60 7 575/3/60																				A Powered convenience outlet
Supply Fan/Drive Type/Motor																				B Non-powered convenience outlet
D Direct Drive- Standard Static C Belt-Drive- High Static																				C Hinge Panels
B Belt-Drive- Standard Static S 2-speed Belt Drive- High Static																				D Hinged Panels and Powered convenience outlet
V 2-speed Belt Drive- Standard Static L Direct Drive-Medium Static																				E Hinged Panels and non-powered convenience outlet
W Direct Drive- High Static																				
Nominal Heating Capacity																				Electrical
Gas/Electric																				X No Options
A/C H/P Factory-Installed Electric Heat																				A Non-Fused Disconnect
045 45,000 BTU/h XXX No Heat XXX No Heat																				B Phase Monitor
060 60,000 BTU/h 005 5kW 022 20 kW																				C Thru-the-base connections
070 70,000 BTU/h 006 5kW 023 20 kW																				E Non-Fused Disconnect and Phase Monitor
080 80,000 BTU/h 010 10 kW 030 30 kW																				F Non-Fused Disconnect and Thru-the-base connectons
090 90,000 BTU/h 011 10 kW 031 30 kW																				H Phase Monitor and Thru-the-base connections
100 100,000 BTU/h 015 15 kW 032 30 kW																				L Non-Fused Disconnect, Thru-the-base connectons and Phase Monitor
115 115,000 BTU/h 016 15 kW 045 45kW																				
125 125,000 BTU/h 017 15 kW 046 45kW																				
130 130,000 BTU/h 018 18 kW 060 60kW																				
140 140,000 BTU/h 020 20 kW 075 75kW																				
150 150,000 BTU/h 021 20 kW																				
180 180,000 BTU/h																				
210 210,000 BTU/h																				
225 225,000 BTU/h																				
240 240,000 BTU/h																				
350 350,000 BTU/h																				
400 400,000 BTU/h																				
																				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 Sensorr
																				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
Refrigeration Systems																				Coils, Hail guard
A Single stage cooling modes																				X No Options
C Two stage cooling modes																				A E-coat outdoor
F Two stage cooling modes with Hot Gas Reheat and Low-ambient control																				C Hail Guard
																				D E-coat outdoor w/ Hail Guard
Heat Exchanger																				Sensors
X No options																				X No Options
A Standard Aluminized Exchanger																				A RA Smoke Detector
S Stainless Steel Exchanger																				B SA Smoke Detector
U Ultra Low Nox Stainless Steel Exchanger																				C RA & SA Smoke Detector
Controls																				
A Electro-mechanical controls																				
B DDC w/ BACnet interface																				

AC Stocking Models	
New Daikin 3-6 Ton Direct Drive	
MODEL NUMBER	CODESTRING
DFC0361D000001S	DFC0361DXXXXAXXXXXXXXXXX
DFC0363D0000001S	DFC0363DXXXXAXXXXXXXXXXX
DFC0364D0000001S	DFC0364DXXXXAXXXXXXXXXXX
DFC0367D0000001S	DFC0367DXXXXAXXXXXXXXXXX
DFC0481D000001S	DFC0481DXXXXAXXXXXXXXXXX
DFC0483D0000001S	DFC0483DXXXXAXXXXXXXXXXX
DFC0484D0000001S	DFC0484DXXXXAXXXXXXXXXXX
DFC0487D0000001S	DFC0487DXXXXAXXXXXXXXXXX
DFC0601D0000001S	DFC0601DXXXXAXXXXXXXXXXX
DFC0603D0000001S	DFC0603DXXXXAXXXXXXXXXXX
DFC0604D0000001S	DFC0604DXXXXAXXXXXXXXXXX
DFC0607D0000001S	DFC0607DXXXXAXXXXXXXXXXX
DFC0723D000001S	DFC0723DXXXXCAXXXXXXXXXXX
DFC0724D000001S	DFC0724DXXXXCAXXXXXXXXXXX
DFC0727D000001S	DFC0727DXXXXCAXXXXXXXXXXX
DFC0723W000001F	DFC0723WXXXXCAXXXXXXXXXXX
DFC0724W000001F	DFC0724WXXXXCAXXXXXXXXXXX
DFC0727W000001F	DFC0727WXXXXCAXXXXXXXXXXX

Model	DFC0723D000001S	DFC0724D000001S	DFC0727D000001S	DFC0723W000001F	DFC0724W000001F	DFC0727W000001F
COOLING CAPACITY						
Total, BTU/h	69,000	69,000	69,000	69,000	69,000	69,000
IEER /EER	15.5/11.2	15.5/11.2	15.5/11.2	15.5/11.2	15.5/11.2	15.5/11.2
AHRI Reference #	208122215	208122216	208122217	208122215	208122216	208122217
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	300-1500	300-1500	300-1500	300-1500	300-1500	300-1500
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-410A Refrigerant Charge (oz.)	110	110	110	110	110	110
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	17.6 / 136	8.5 / 66.1	6.3 / 55.3	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	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	29.0/29.0	13.9	10.6	31.7/31.7	15.9	12.4
Max. Overcurrent Protection (A) ²	45/45	20	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.

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.
DFC	3	24.248	38.068
DFC	4	24.248	38.068
DFC	5	24.248	38.068
DFC	6	34.640	38.068

AHRI Ratings

MODEL	CAPACITY	EER2	SEER2	EER	SEER	IEER
DFC036	35,000	11.0	13.4	11.5	14.0	-
DFC048	47,000	11.0	13.4	11.5	14.0	-
DFC060	59,000	11.0	13.4	11.5	14.0	-
DFC072	69,000	-	-	11.2	-	15.5

Sound Data

Model	OUTDOOR SOUND (DB) AT 60 Hz							
	A-Weighted	125	250	500	1000	2000	4000	8000
036	73	77.7	71.0	69.5	68.0	64.7	60.5	60.4
048	78.4	69.8	70.1	73.1	73.7	67.4	61.2	53.0
060	78.3	65.9	68.3	70.3	74.3	72.1	65.8	60.3
072	82	77.6	79.4	78.1	76.8	73.4	70.5	68.5

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.