

Nomenclature

	D	F	C	036	3	S	045	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	D Daikin																		
Configuration	F Standard Efficiency																	X No Options	
R High Efficiency																			
Application	C Cooling																		
G Gas/Electric																		X No Options	
H Heat Pump																		B Single-point power connection for Power Exhaust	
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																			
045 45,000 BTU/h XXX No Heat XXX No Heat																			
060 60,000 BTU/h 005 5kW 022 20 kW																			
070 70,000 BTU/h 006 5kW 023 20 kW																			
080 80,000 BTU/h 010 10 kW 030 30 kW																			
090 90,000 BTU/h 011 10 kW 031 30 kW																			
100 100,000 BTU/h 015 15 kW 032 30 kW																			
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																			
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																			
Heat Exchanger	X No options																		
A Standard Aluminized Exchanger																			
S Stainless Steel Exchanger																			
U Ultra Low NoX Stainless Steel Exchanger																			
Controls	A Electro-mechanical controls																		
B DDC w/ BACnet interface																			

AC Stocking Models	
New Daikin 7.5-12.5 Ton Direct-Drive	
MODEL NUMBER	CODE STRING
DFC0903D000001S	DFC0903DXXXCXAXXXXXXXXX
DFC0904D000001S	DFC0904DXXXCXAXXXXXXXXX
DFC0907D000001S	DFC0907DXXXCXAXXXXXXXXX
DFC1023D000001S	DFC1023DXXXCXAXXXXXXXXX
DFC1024D000001S	DFC1024DXXXCXAXXXXXXXXX
DFC1027D000001S	DFC1027DXXXCXAXXXXXXXXX
DFC1203D000001S	DFC1203DXXXCXAXXXXXXXXX
DFC1204D000001S	DFC1204DXXXCXAXXXXXXXXX
DFC1207D000001S	DFC1207DXXXCXAXXXXXXXXX
DFC1503D000001S	DFC1503DXXXCXAXXXXXXXXX
DFC1504D000001S	DFC1504DXXXCXAXXXXXXXXX
DFC1507D000001S	DFC1507DXXXCXAXXXXXXXXX
DFC1503W000001F	DFC1503LXXXCXAXXXXXXXXX
DFC1504W000001F	DFC1504LXXXCXAXXXXXXXXX
DFC1507W000001F	DFC1507LXXXCXAXXXXXXXXX

Model	DFC0903D000001S	DFC0904D000001S	DFC0907D000001S
COOLING CAPACITY			
Total BTU/H	86,000	86,000	86,000
IEER / EER	15/11.2	15/11.2	15/11.2
AHRI Reference #	210240215	210240215	210240215
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	15x12	15x12	15x12
Indoor Nominal CFM	3020	3020	3020
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4
Filter Size (in)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-410A Refrigerant Charge (oz.) Cir #1 & 2	67/65.4	67/65.4	67/65.4
Evaporator Coil Face Area (ft ²)	13.4	13.4	13.4
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	2	2	2
RPM (High/Low stage)	1120	1050	1050
Outdoor Horsepower	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR			
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	13.1/ 83.1	6.1 / 41	4.4 / 33
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	8	5.4	4.0
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	2	0.85	0.67
Min. Circuit Ampacity ¹	41.6 / 41.6	20.8	15.1
Max. Overcurrent Protection (A) ²	50/50	25	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	980	980	980
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	1060	1060	1060

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.