

Nomenclature

	D	F	C	300	3	V	400	C	S	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	F Standard Efficiency R 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																																																							
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 L Direct Drive-Medium Static																																																							
Nominal Heating Capacity	<table border="1"> <thead> <tr> <th>Gas/Electric</th> <th>A/C Factory-Installed Electric Heat</th> </tr> </thead> <tbody> <tr><td>045 45,000 BTU/h</td><td>XXX No Heat</td></tr> <tr><td>060 60,000 BTU/h</td><td>005 5kW</td></tr> <tr><td>070 70,000 BTU/h</td><td>006 5kW</td></tr> <tr><td>080 80,000 BTU/h</td><td>010 10 kW</td></tr> <tr><td>090 90,000 BTU/h</td><td>011 10 kW</td></tr> <tr><td>100 100,000 BTU/h</td><td>015 15 kW</td></tr> <tr><td>115 115,000 BTU/h</td><td>016 15 kW</td></tr> <tr><td>125 125,000 BTU/h</td><td>017 15 kW</td></tr> <tr><td>130 130,000 BTU/h</td><td>018 18 kW</td></tr> <tr><td>140 140,000 BTU/h</td><td>020 20 kW</td></tr> <tr><td>150 150,000 BTU/h</td><td>021 20 kW</td></tr> <tr><td>180 180,000 BTU/h</td><td>022 20 kW</td></tr> <tr><td>210 210,000 BTU/h</td><td>023 20 kW</td></tr> <tr><td>225 225,000 BTU/h</td><td>030 30 kW</td></tr> <tr><td>240 240,000 BTU/h</td><td>031 30 kW</td></tr> <tr><td>350 350,000 BTU/h</td><td>032 30 kW</td></tr> <tr><td>400 400,000 BTU/h</td><td>045 45kW</td></tr> </tbody> </table>																				Gas/Electric	A/C Factory-Installed Electric Heat	045 45,000 BTU/h	XXX No Heat	060 60,000 BTU/h	005 5kW	070 70,000 BTU/h	006 5kW	080 80,000 BTU/h	010 10 kW	090 90,000 BTU/h	011 10 kW	100 100,000 BTU/h	015 15 kW	115 115,000 BTU/h	016 15 kW	125 125,000 BTU/h	017 15 kW	130 130,000 BTU/h	018 18 kW	140 140,000 BTU/h	020 20 kW	150 150,000 BTU/h	021 20 kW	180 180,000 BTU/h	022 20 kW	210 210,000 BTU/h	023 20 kW	225 225,000 BTU/h	030 30 kW	240 240,000 BTU/h	031 30 kW	350 350,000 BTU/h	032 30 kW	400 400,000 BTU/h	045 45kW
Gas/Electric	A/C Factory-Installed Electric Heat																																																							
045 45,000 BTU/h	XXX No Heat																																																							
060 60,000 BTU/h	005 5kW																																																							
070 70,000 BTU/h	006 5kW																																																							
080 80,000 BTU/h	010 10 kW																																																							
090 90,000 BTU/h	011 10 kW																																																							
100 100,000 BTU/h	015 15 kW																																																							
115 115,000 BTU/h	016 15 kW																																																							
125 125,000 BTU/h	017 15 kW																																																							
130 130,000 BTU/h	018 18 kW																																																							
140 140,000 BTU/h	020 20 kW																																																							
150 150,000 BTU/h	021 20 kW																																																							
180 180,000 BTU/h	022 20 kW																																																							
210 210,000 BTU/h	023 20 kW																																																							
225 225,000 BTU/h	030 30 kW																																																							
240 240,000 BTU/h	031 30 kW																																																							
350 350,000 BTU/h	032 30 kW																																																							
400 400,000 BTU/h	045 45kW																																																							
<i>See product specifications for heat size(s) available for each capacity.</i>																																																								
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 NO _x Stainless Steel Exchanger																																																							
Controls	A Electromechanical controls B DDC w/ BACnet™ interface																																																							
Revision Levels	Major & Minor																																																							
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																																																							
Electrical	X No Option A Non-Fused Disconnect B Phase Monitor E Non-Fused Disconnect and 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 connectons 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 A E-coat outdoor C Hail Guard D E-coat outdoor w/ Hail Guard																																																							
Sensors	X No Options A RA Smoke Detector B SA Smoke Detector C RA & SA Smoke Detector																																																							

AC STOCKING MODELS	
New Daikin 15 – 25 Ton	
MODEL NUMBER	CODE STRING
DFC1803D000001S	DFC1803DXXXCXAXXXXXXXXXXAA
DFC1804D000001S	DFC1804DXXXCXAXXXXXXXXXXAA
DFC1807D000001S	DFC1807DXXXCXAXXXXXXXXXXAA
DFC2403D000001S	DFC2403DXXXCXAXXXXXXXXXXAA
DFC2404D000001S	DFC2404DXXXCXAXXXXXXXXXXAA
DFC2407D000001S	DFC2407DXXXCXAXXXXXXXXXXAA
DFC3003D000001S	DFC3003DXXXCXAXXXXXXXXXXAA
DFC3004D000001S	DFC3004DXXXCXAXXXXXXXXXXAA
DFC3007D000001S	DFC3007DXXXCXAXXXXXXXXXXAA

PHYSICAL DATA COOLING			
Model	DFC2403D000001S	DFC2404D000001S	DFC2407D000001S
COOLING CAPACITY			
Total BTU/H	230,000	230,000	230,000
EER /IEER	11.0 / 14.2	11.0 / 14.2	11.0 / 14.2
AHRI Reference #	210331719	210331719	210331719
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	15 x 15	15 x 15	15 x 15
Indoor Nominal CFM	6500	6500	6500
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5
Filter Size (in)	20 X 20 X 2 (8)	20 X 20 X 2 (8)	20 X 20 X 2 (8)
Drain Size (NPT)	1"	1"	1"
R-410A Refrigerant Charge (oz.) (1)	186	186	186
R-410A Refrigerant Charge (oz.) (2)	165	165	165
Evaporator Coil Face Area (ft ²)	21.69	21.69	21.69
Rows Deep/ Fins per Inch	4/18	4/18	4/18
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	4	4	4
RPM (High/Low stage)	1130	1115	1075
Outdoor Horsepower	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	25.7	25.7	25.7
Rows Deep / Fins per Inch	1/23	1/23	1/23
COMPRESSOR			
Quantity / Type / Stages per Compression	2 / Scroll / 1	2 / Scroll / 1	2 / Scroll / 1
Compressor RLA / LRA	28.2 / 240	16.4 / 130.0	12.6 / 93.7
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	10.9	7.2	5
Max External Static (In. W.C.)	1.2	1.2	1.2
Outdoor Fan FLA	2.7	1.4	1
Min. Circuit Ampacity ¹	96.1/96.1	53.2	39.4
Max. Overcurrent Protection (A) ²	110/110	110/110	70
Power Supply Conduit Hole Dia. (in)	2.5	2.5	2.5
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
	1993	1993	1993
SHIPPING WEIGHT (LBS.)			
	2108	2108	2108

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.