Nomenclature

D	R	C	120	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
G Gas Heat
H Heat Pump

Nominal Cooling Capacity
090 7½ Tons
102 8½ Tons
120 10 Tons
150 12½ tons

Voltage
3 208-230/3/60
4 460/3/60
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
130 130,000 BTU/h	XXX No Heat
180 180,000 BTU/h	010 10 kW
225 225,000 BTU/h	015 15 kW
240 240,000 BTU/h	020 20 kW
	030 30 kW
	045 45 kW
	060 60 kW

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
A Standard Aluminized Exchanger
S Stainless Steel Exchanger

Controls
A Electro-mechanical controls
B DDC w/ BACnet™ interface

Sensors
X No Options
A RA Smoke Detector
B SA Smoke Detector
C RA & SA Smoke Detector

Hail guard
X No Options
C Hail Guard

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

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

Service Options
X No Option
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)

X No Options

PE Connection
X No Options
B Single-point power connection for Power Exhaust

X No Options

Revision Levels
Major & Minor

G / E Stocking Models

Daikin 7.5-12.5 Ton Belt-Drive

Model Number	Code String
DRC0903D000001S	DRC0903DXXXCXAXXXXXXXXAA
DRC0904D000001S	DRC0904DXXXCXAXXXXXXXXAA
DRC0907D000001S	DRC0907DXXXCXAXXXXXXXXAA
DRC1023D000001S	DRC1023DXXXCXAXXXXXXXXAA
DRC1024D000001S	DRC1024DXXXCXAXXXXXXXXAA
DRC1027D000001S	DRC1027DXXXCXAXXXXXXXXAA
DRC1203D000001S	DRC1203DXXXCXAXXXXXXXXAA
DRC1204D000001S	DRC1204DXXXCXAXXXXXXXXAA
DRC1207D000001S	DRC1207DXXXCXAXXXXXXXXAA
DRC1503D000001S	DRC1503DXXXCXAXXXXXXXXAA
DRC1504D000001S	DRC1504DXXXCXAXXXXXXXXAA
DRC1507D000001S	DRC1507DXXXCXAXXXXXXXXAA

Model	DRC1203D000001S	DRC1204D000001S	DRC1207D000001S	DRC1503D000001S	DRC1504D000001S	DRC1507D000001S
COOLING CAPACITY						
Total, BTU/h	115,000	115,000	115,000	137,000	137,000	137,000
IEER / EER	17/12.2	17/12.2	17/12.2	16/11.7	16/11.7	16/11.7
AHRI Reference #	206913016	206913016	206913016	206913018	206913018	206913018
EVAPORATOR MOTOR COIL						
Motor Type	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE	DIRECT DRIVE
External Static Pressure (ESP)	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.	0.8 IN.W.G.
Wheel Dia. X Width	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00	Ø15.12 X 15.00
Indoor Nominal CFM	3550	3550	3550	3800	3800	3800
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	2.4	2.4	2.4	3.5	3.5	3.5
Filter Size (in)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	25x25x2(4)	25x25x2(4)	25x25x2(4)
Drain Size (NPT)	¾	¾	¾	¾	¾	¾
R-410A Refrigerant Charge (oz.)	184/180	184/180	184/180	190/188	190/188	190/188
Evaporator Coil Face Area (ft^2)	16.6	16.6	16.6	19.1	19.1	19.1
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
CONDENSER FAN/COIL						
Quantity of Condenser Fan Motors	2	2	2	2	2	2
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	22/3	22/3	22/3	22/3	22/3	22/3
Face Area (ft^2)	39.6	39.6	39.6	43.8	43.8	43.8
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
COMPRESSOR						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	15.9/110	7.1/52.0	5.1/39.5	19/123.0	9.7/62.0	7.4/50.0
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	8	5.4	4	10.9	7.2	5
Max External Static (In. W.C.)	0.8	0.8	0.8	0.8	0.8	0.8
Outdoor Fan FLA	2	0.85	0.67	2	0.85	0.67
Min. Circuit Ampacity[1]	47.8/47.8	23.0	16.9	60.7/60.7	32.3	28.7
Max. Overcurrent Protection (A)[2]	60/60	30	20	70/70	40	35
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-VoltageConduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
OPERATING WEIGHT (LBS.)						
Operating Weight (lbs)	1117	1117	1117	1195	1195	1195
SHIPPING WEIGHT (LBS.)						
Ship Weight (lbs)	1192	1192	1192	1270	1270	1270

[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.