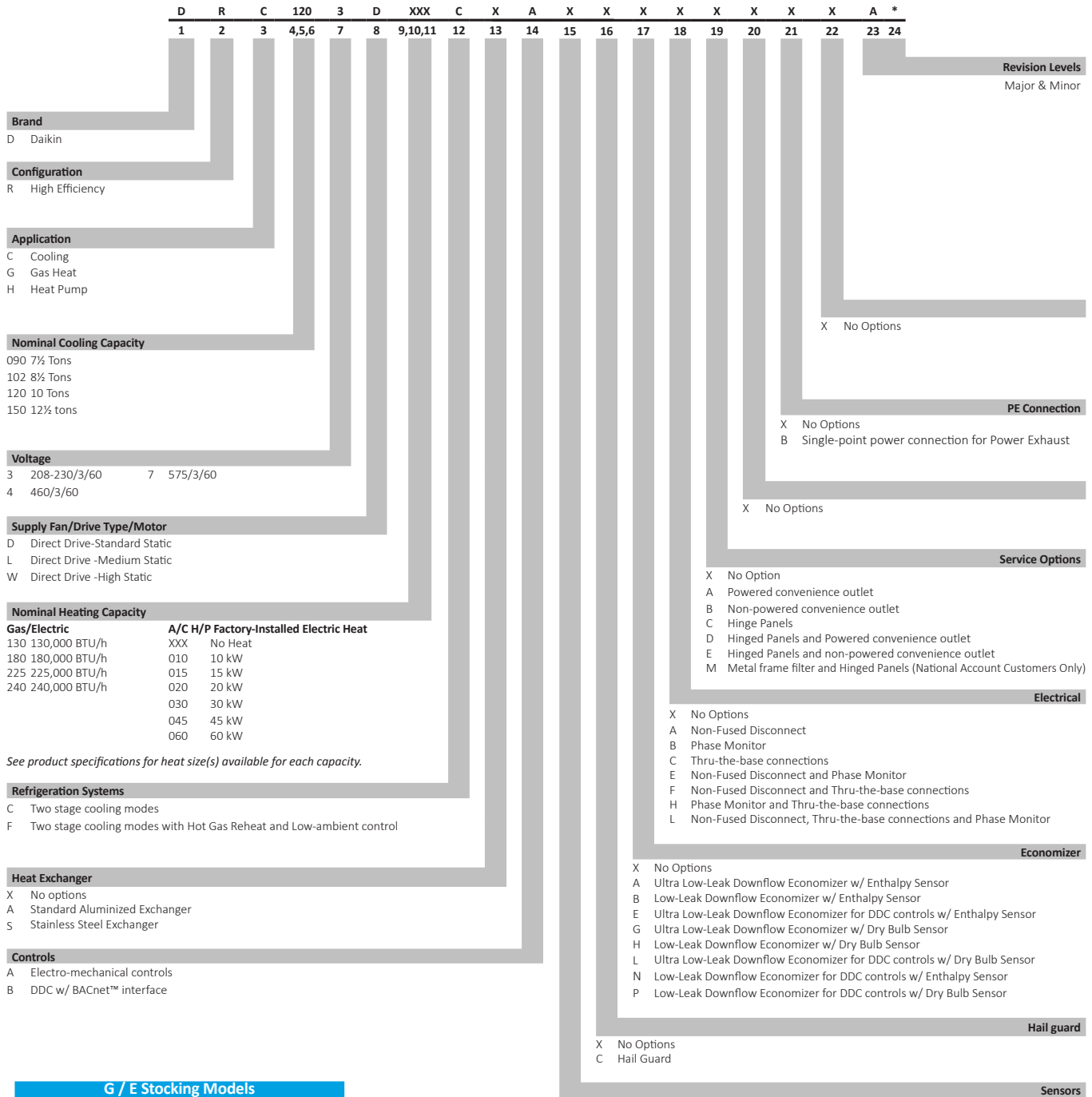


# Nomenclature



**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 7 575/3/60  
4 460/3/60

**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

**Revision Levels**  
Major & Minor

X No Options

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

X No Options

**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)

**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

**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

G / E Stacking Models	
Daikin 7.5-12.5 Ton Belt-Drive	
MODEL NUMBER	CODE STRING
DRC0903D000001S	DRC0903DXXXXCAXXXXXXXXXXAA
DRC0904D000001S	DRC0904DXXXXCAXXXXXXXXXXAA
DRC0907D000001S	DRC0907DXXXXCAXXXXXXXXXXAA
DRC1023D000001S	DRC1023DXXXXCAXXXXXXXXXXAA
DRC1024D000001S	DRC1024DXXXXCAXXXXXXXXXXAA
DRC1027D000001S	DRC1027DXXXXCAXXXXXXXXXXAA
DRC1203D000001S	DRC1203DXXXXCAXXXXXXXXXXAA
DRC1204D000001S	DRC1204DXXXXCAXXXXXXXXXXAA
DRC1207D000001S	DRC1207DXXXXCAXXXXXXXXXXAA
DRC1503D000001S	DRC1503DXXXXCAXXXXXXXXXXAA
DRC1504D000001S	DRC1504DXXXXCAXXXXXXXXXXAA
DRC1507D000001S	DRC1507DXXXXCAXXXXXXXXXXAA

Model	DRC0903D000001S	DRC0904D000001S	DRC0907D000001S	DRC1023D000001S	DRC1024D000001S	DRC1027D000001S
<b>COOLING CAPACITY</b>						
Total, BTU/h	90,000	90,000	90,000	102,000	102,000	102,000
IEER / EER	17/12.4	17/12.4	17/12.4	17/12.3	17/12.3	17/12.3
AHRI Reference #	206913012	206913012	206913012	206913014	206913014	206913014
<b>EVAPORATOR MOTOR COIL</b>						
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 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62	Ø15.12 X 12.62
Indoor Nominal CFM	3000	3000	3000	3100	3100	3100
RPM	1300	1300	1300	1300	1300	1300
Indoor Horsepower	1.7	1.7	1.7	2.4	2.4	2.4
Filter Size (in)	16X25X2 (4)	16X25X2 (4)	16X25X2 (4)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)	20x25x2(2) + 25x25x2(2)
Drain Size (NPT)	¾	¾	¾	¾	¾	¾
R-410A Refrigerant Charge (oz.)	133/133	133/133	133/133	155/155	155/155	155/155
Evaporator Coil Face Area (ft <sup>2</sup> )	12.8	12.8	12.8	16.6	16.6	16.6
Rows Deep/ Fins per Inch	¼ <sub>16</sub>	¼ <sub>16</sub>	¼ <sub>16</sub>	¼ <sub>16</sub>	¼ <sub>16</sub>	¼ <sub>16</sub>
<b>CONDENSER FAN/COIL</b>						
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 <sup>2</sup> )	35.3	35.3	35.3	35.3	35.3	35.3
Rows Deep / Fins per Inch	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1	2/28±1
<b>COMPRESSOR</b>						
Quantity / Type / Stages	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1	2/SCROLL/1
Compressor RLA / LRA	13.1/83.1	6.1/41.0	4.4/33.0	14.5/98.0	6.3/55.0	6.0/41.0
<b>ELECTRICAL DATA</b>						
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	5.8	4	2.9	8	5.4	4
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 <sup>1</sup>	39.4/39.4	19.4	14.0	44.6/44.6	21.4	18.9
Max. Overcurrent Protection (A) <sup>2</sup>	50/50	25	15	50/50	25	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.375	0.375	0.375	0.375	0.375	0.375
<b>OPERATING WEIGHT (LBS.)</b>						
Operating Weight (lbs)	1087	1087	1087	1098	1098	1098
<b>SHIPPING WEIGHT (LBS.)</b>						
Ship Weight (lbs)	1162	1162	1162	1173	1173	1173

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> 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.