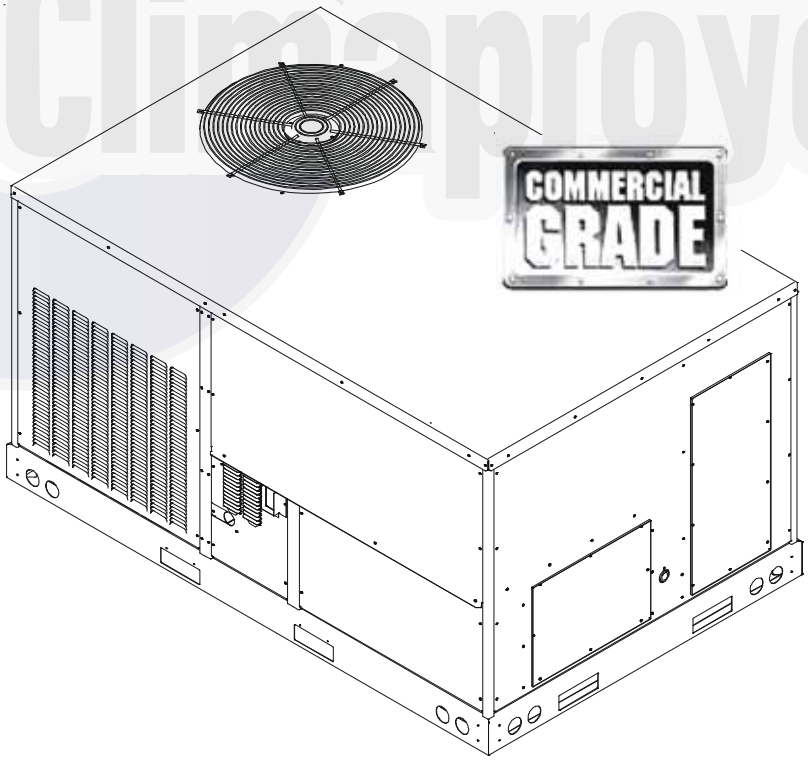
DAIKIN TECHNICAL MANUAL

DCG Commercial Gas Units
3 - 6 Tons with R410A

- Refer to Service Manual RSD6412006 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on page 4.



This manual is to be used by qualified, professionally trained HVAC technicians only. Daikin does not assume any responsibility for property damage or personal injury due to improper service procedures performed by an unqualified person.

RTD6412016
June 2013

TABLE OF CONTENTS

⚠ WARNING

HIGH VOLTAGE!

Disconnect ALL power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury or death.

⚠ WARNING **Daikin will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.**

⚠ WARNING **ONLY individuals meeting (at a minimum) the requirements of an "entry level technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) may use this information. Attempting to install or repair this unit without such background may result in product damage, personal injury or death.**

⚠ WARNING **The United States Environmental Protection Agency (“EPA”) has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.**

⚠ WARNING **Do not connect or use any device that is not design certified by Daikin for use with this unit. Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices.**

⚠ WARNING **To prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.**

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.

D	C	C	240	60	3	B	*	*	*	A	*
1	2	3	4, 5, 6	7, 8, 9	10	11	12	13	14	15	16

Brand

D Daikin

Configuration

C Commercial Package

Application

C Cooling
G Gas Heat
H Heat Pump

Nominal Gross Cooling Capacity

036	3 Tons	102	8½ Tons
048	4 Tons	120	10 Tons
060	5 Tons	150	12½ Tons
072	6 Tons	180	15 Tons
090	7½ Tons	240	20 Tons

Nominal Heating Capacity

DCG		DCC/DCH (Factory-Installed Electric Heat)			
045	45,000 BTU/h	XXX	No Heat		
090	90,000 BTU/h	010	10 kW	030	30 kW
115	115,000 BTU/h	015	15 kW	031	30 kW
140	140,000 BTU/h	016	15 kW	045	45 kW
210	210,000 BTU/h	018	18 kW	046	46 kW
350	350,000 BTU/h	020	20 kW	060	60 kW
400	400,000 BTU/h	025	25 kW		

See product specifications for heat size(s) available for each capacity.

Voltage

1	208V 1-Phase	4	460V 3-Phase
3	208v 3-Phase	7	575V 3-Phaze

Supply Fan/Drive Type/Motors

B	Belt Drive	V	2-Speed Belt Drive
D	Direct Drive		

Factory-Installed Options

X No Options
A Downflow Economizer
H Disconnect Switch (non-fused)
J Downflow Economizer ; Disconnect Switch (non-fused)

Revision Levels

Major & Minor

Factory-Installed Options

X No Options
A Non-powered convenience outlet
B Powered convenience outlet
C Low Ambient Kit
D Return air smoke detector
E Supply air smoke detector
F Non-powered convenience outlet; Low Ambient Kit
G Non-powered convenience outlet; Return air smoke detector
H Non-powered convenience outlet; Supply air smoke detector
J Non-powered convenience outlet; Return & Supply air smoke detectors
K Non-powered convenience outlet; Low-ambient kit; Supply air smoke detector
L Non-powered convenience outlet; Low Ambient Kit; Return & Supply air smoke detectors
M Powered convenience outlet; Low Ambient Kit
N Powered convenience outlet; Return air smoke detector
O Powered convenience outlet; Return & Supply air smoke detectors
P Powered convenience outlet; Supply air smoke detector
Q Powered convenience outlet; Low Ambient Kit; Return air smoke detector
R Powered convenience outlet; Low Ambient Kit; Supply air smoke detector
T Powered convenience outlet; Low Ambient Kit; Return & Supply air smoke detectors
U Non-powered convenience outlet; Low-ambient kit; Return air smoke detector
V Low Ambient Kit; Return air smoke detector
W Low Ambient Kit; Return & Supply air smoke detectors
Y Low Ambient Kit; Return & Supply air smoke detectors
Z Return & Supply air smoke detectors

Factory-Installed Options

X Standard Aluminized Heat Exchanger
S Stainless Steel Heat Exchanger

Note: Not all options available for all products.

Factory-Installed Options

- Stainless-Steel Heat Exchanger (DCG units only): A tubular heat exchanger made of 409-type stainless steel is installed in the unit.
- Low-Ambient Kit: Allows for cooling operation at lower outdoor temperatures. On the 3-6 ton units, cooling operation is extended for 60ºF ambient temperature to 35ºF outside air temperature. On 7½ to 20 ton units, cooling operation is extended from 35ºF ambient temperature to 0ºF outside air temperature.
- Economizers (Downflow): Based on air conditions, can provide outside air to cool the space.
- Electric Heat Kits (DCC and DCH units only): Available in all voltage options.
- Non-powered Convenience Outlet: A 120V, 15A, GFCI outlet makes it easier for technicians to service the unit once an electrician runs power to the outlet.
- Powered Convenience Outlet: A 120V, 15A, GFCI outlet powered with a transformer built into the unit; for use when unit is not running.
- Disconnect Switch (non-fused): A disconnect switch is installed in the unit and factory wiring will be complete from the switch to the unit. Please note that for air conditioning (DCC units) and heat pump models (DCH units), the appropriate electric heat kit must be ordered to be factory-installed along with the disconnect switch (non-fused) when it is ordered. Please note that for models with a powered convenience outlet option and a disconnect switch (non-fused) option, the power to the powered convenience outlet will be shut off when the disconnect switch (non-fused) is in the off position.
- Return Air and/or Supply Air Smoke Detectors: Return air and/or supply air smoke detectors are installed in the unit.

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information. *NOTE: All unit combinations are not listed below. Models where performance does not change are not listed individually.*

DCG036XXX1DXXX
DCG036XXX3DXXX
DCG036XXX3BXXX
DCG036XXX4BXXX
DCG036XXX7BXXX

DCG048XXX1DXXX
DCG048XXX3DXXX
DCG048XXX3BXXX
DCG048XXX4BXXX
DCG048XXX7BXXX

DCG060XXX1DXXX
DCG006XXX3DXXX
DCG060XXX3BXXX
DCG060XXX4BXXX
DCG060XXX7BXXX

DCG072XXX3BXXX
DCG072XXX4BXXX
DCG072XXX7BXXX

PRODUCT DESIGN

DCG Light Commercial Package Gas Units are designed for outdoor installations only, primarily in light commercial applications and are available in 208-230 volt single phase, 208-230 volt three phase, 460 volt three phase and 575v three phase in 3 thru 6 ton sizes with 1 compressor.

The connecting ductwork (Supply and Return) can be connected for either horizontal or vertical airflow. In the vertical application, a matching Roof Curb is recommended.

The removal of condensate water from the indoor coil can be achieved by either the 3/4" NPT female fitting on the end of the unit or by the 3/4" NPT female fitting located on the bottom of the condensate pan. (Do not reduce the drain line size).

Refrigerant flow control is achieved by use of flowrator type metering device.

DCG units use the FasTest Access Fitting System which consists of a saddle soldered to the suction and liquid lines and then screwed into the saddle. **NOTE: The core must not be removed from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

Filters are factory supplied in the return air compartment upstream from the indoor coil. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

Conditioned air is drawn through the filter(s), across the coil and back into the conditioned space by the indoor blower.

DCG***XXX*D units indoor blower motors are PSC or EEM type motors.

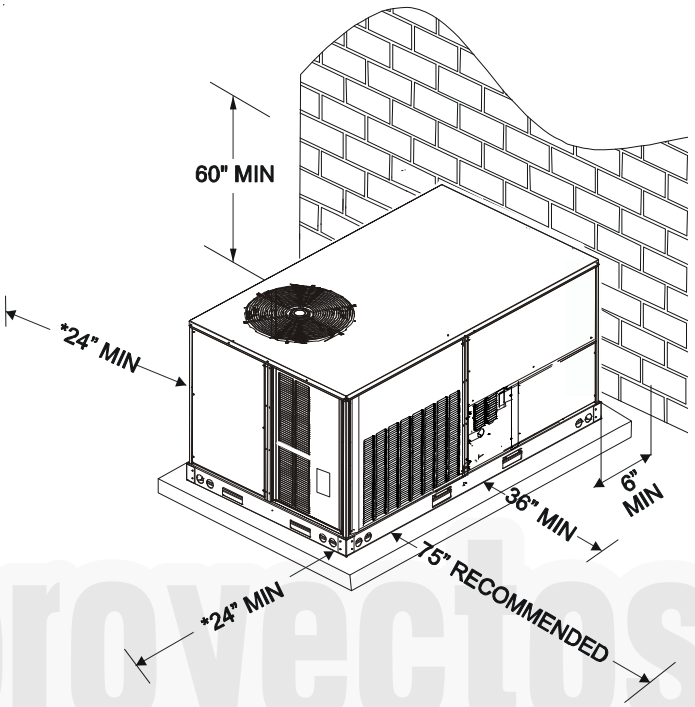
DCG***XXX***B** units have 3 phase belt drive indoor blower motors that are energized through the blower motor contactor.

Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

DCG series package units use the Compliant Scroll compressor; there are a number of design characteristics which are different from the traditional reciprocating compressor.

- Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant. **NOTE**: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued flood back or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- These Scroll compressors use "POE" or polyolester oil which is NOT compatible with mineral oil based lubricants like 3GS. "POE" oil must be used if additional oil is required.
- Compliant scroll compressors perform “quiet” shutdowns that allow the compressor to restart immediately without the need for a time delay. This compressor will restart even if the system has not equalized.
- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the “Cooling Performance Data” section.

Location and Clearances



* In situations that have multiple units a minimum of 48" is required between the condenser coils.

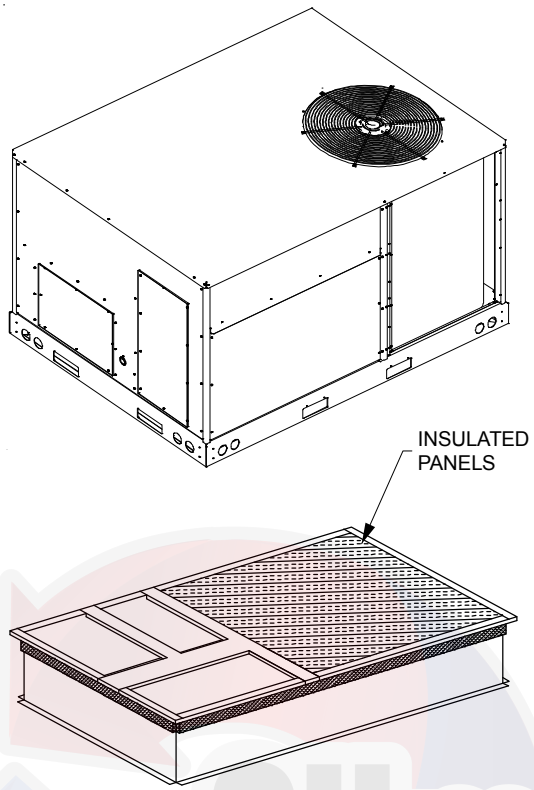
Outside Slab - Multi-positional

NOTE: A clearance of 48" is recommended on all sides of the unit and 75" total clearance is recommended on the main control panel side to facilitate possible fan shaft, coil, electric heat and gas furnace removal. See figure above.

Roof overhang should be no more than 36" and provisions made to deflect the warm discharge air out from the overhang.

Minimum clearances are required to avoid air recirculation and keep the unit operating at peak efficiency.

PRODUCT DESIGN



Rooftop Installation

IIn installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations) the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the National Fuel Gas Code ANSIZ223.1.

NOTE: Unit must use roof curb or adaptor (and platform for leveling, where necessary) to utilize bottom discharge.

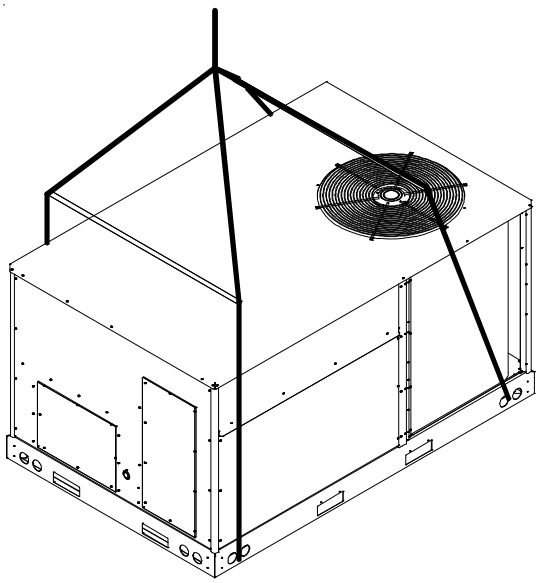
WARNING

To prevent possible property damage, the unit should remain in an upright position during all rigging and moving operations. To facilitate lifting and moving if a crane is used, place the unit in an adequate cable sling.

IMPORTANT: When using bottom discharge with roof curb, ductwork should be attached to the curb prior to installing the unit.

Refer to Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Rigging Information



1. Unit must be lifted by the four lifting holes located at the the base frame corners.
2. Lifting cables should be attached to the unit with shackles.
3. The distance between the crane hook and the top of the unit must not be less than 60”.
4. Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from forklift damage. Removal is accomplished by extracting the sheet metal retainers and pulling the struts through the base of the unit. Refer to rigging label on the unit.

CAUTION

To prevent severe damage to the bottom of the unit, do not forklift unit after wood struts have been removed.

PRODUCT DESIGN

High Altitude Derate - U.S. Installations Only

IMPORTANT NOTE: The gas/electric units naturally derate with altitude. Do not attempt to increase the firing rate by changing orifices or increasing the manifold pressure. This can cause poor combustion and equipment failure. At all altitudes, the manifold pressure must be within 0.3 inches W.C. of that listed on the nameplate for the fuel used. At all altitudes and with either fuel, the air temperature rise must be within the range listed on the unit nameplate. Refer to the Installation Manual provided with the LP kit for conversion from natural gas to propane gas and for altitude adjustments.

When this package unit is installed at high altitude, the appropriate High Altitude orifice kit may be installed. As altitude increases, there is a natural reduction in the density of both the gas fuel and combustion air. This kit will provide the proper design certified input rate within the specified altitude range. High altitude kits are not approved for use in Canada. For installations above 2,000 feet, use kit HA-02. The HA-02 kit is used for both Natural and LP gas at high altitudes.

For DCG036045, use LPT-00A propane conversion kit for propane conversions at altitudes below 2000 feet. Natural gas installations below 2000 feet do not require a kit. For all other 3, 4 and 5 ton models, use LPM-05.

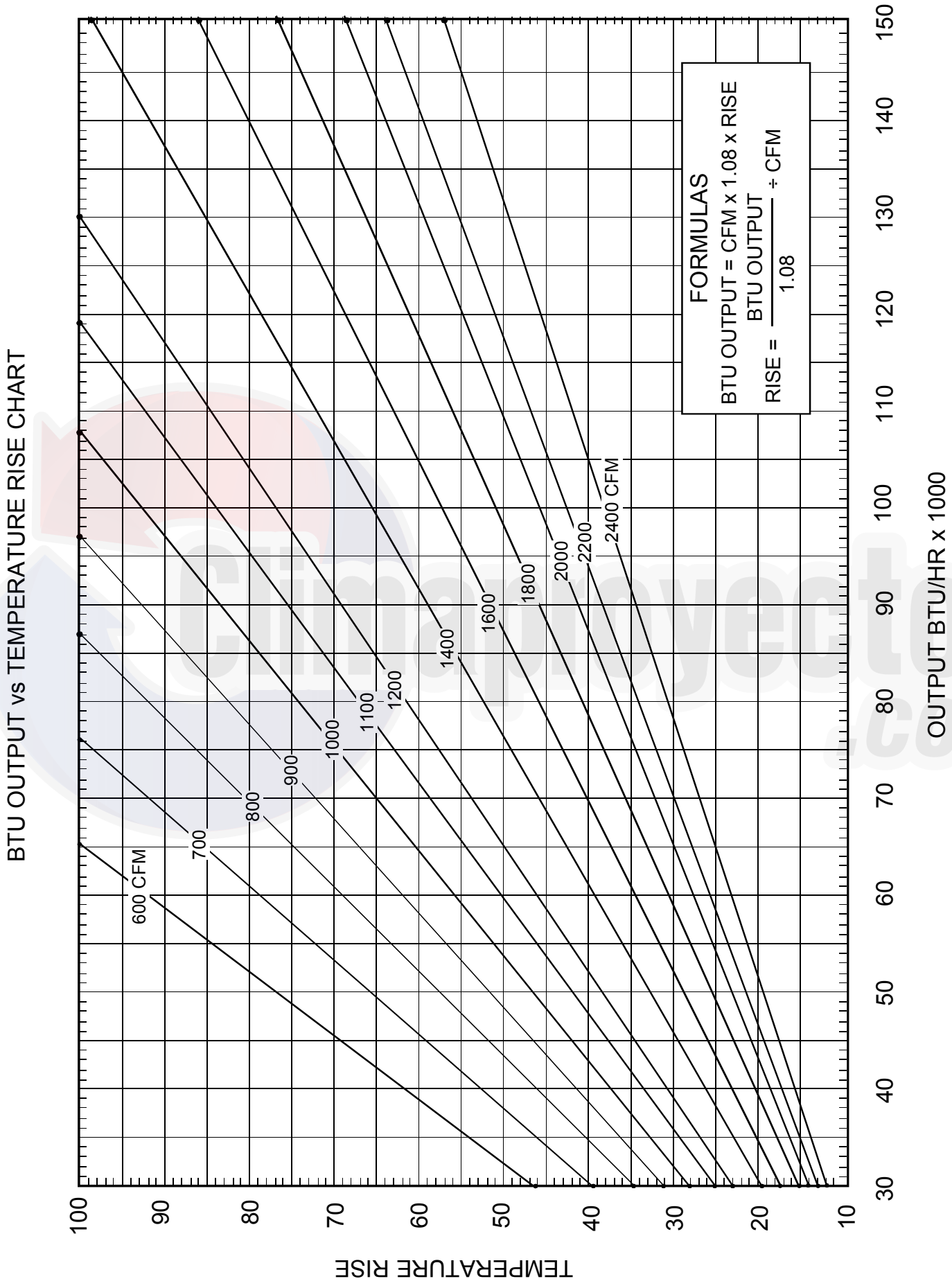
For propane conversion above 2000 feet, high altitude kit HA-02 is required in addition to propane conversion kit LPT-00A or LPM-05.

INPUT/BURNER	HIGH ALTITUDE KIT	20,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	45/55	47/55	47/56	-	47/56	48/57	48/58	49/58
CANADA BURNER ORIFICE		45/55	-	-	48/57	-	-	-	-

INPUT/BURNER	HIGH ALTITUDE KIT	22,500 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	44/55	44/55	45/56	-	45/56	46/57	47/58	47/58
CANADA BURNER ORIFICE		44/55	-	-	47/57	-	-	-	-

INPUT/BURNER	HIGH ALTITUDE KIT	25,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	43/55	43/55	44/56	-	44/56	44/56	45/57	45/57
CANADA BURNER ORIFICE		43/55	-	-	46/57	-	-	-	-

PRODUCT DESIGN

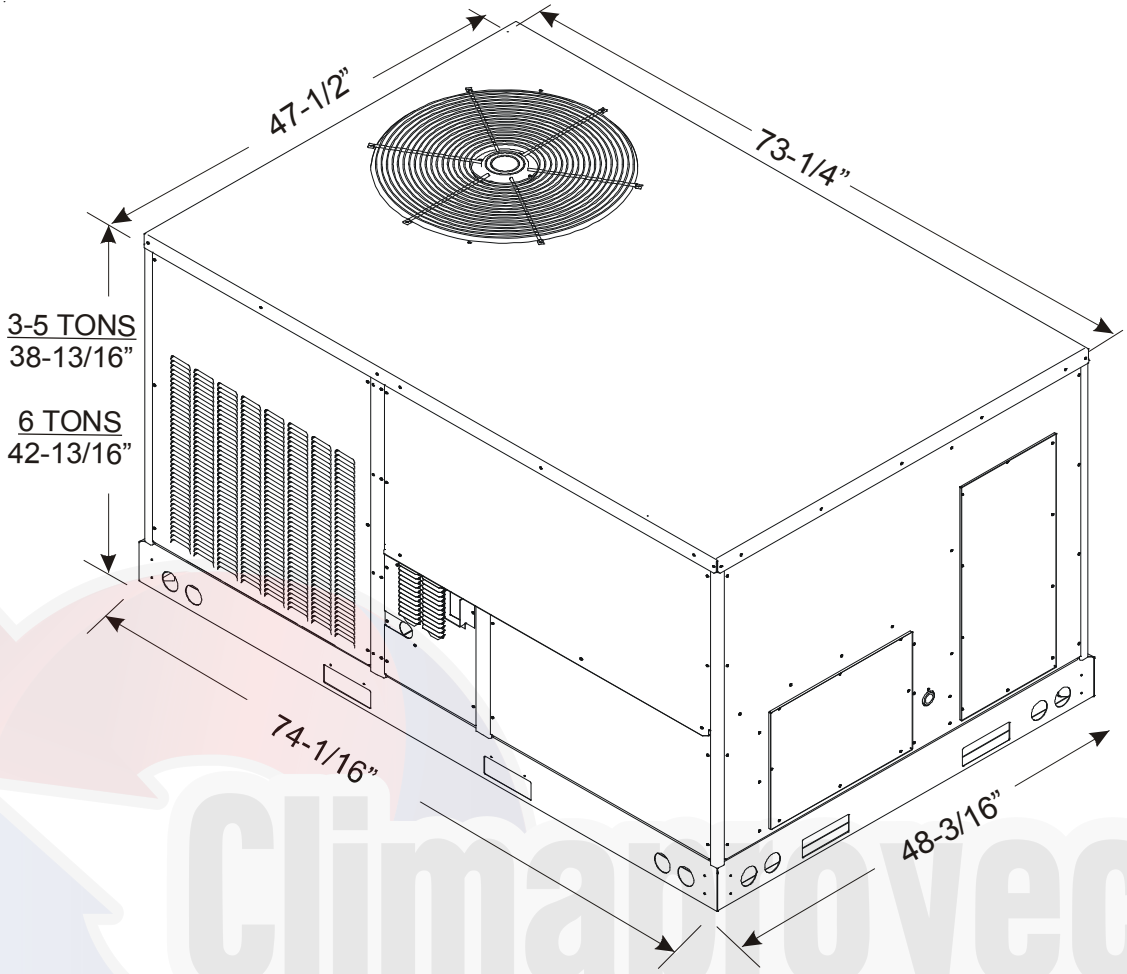


DCG Package Gas Units
3 - 6 Tons with R410A

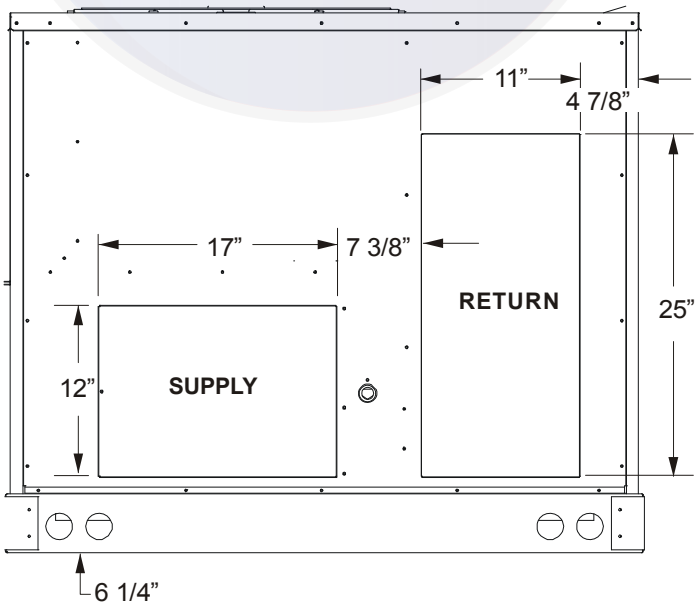
A* REVISION UNITS

PRODUCT DIMENSIONS

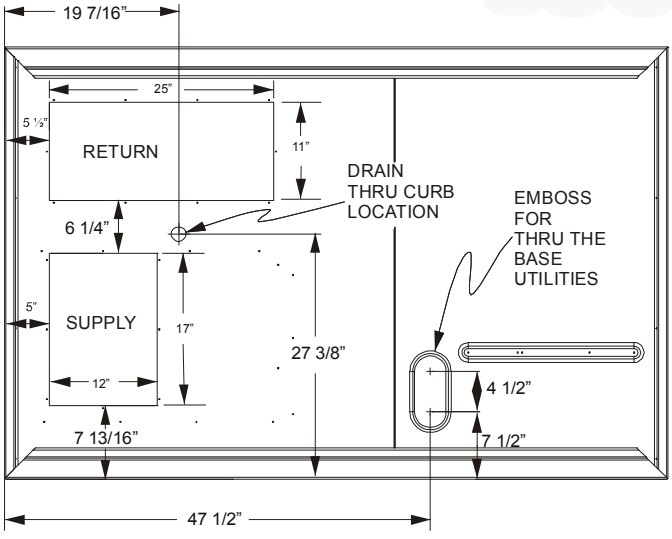
DCG036-072XXX**XXXA*



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE



BOTTOM VIEW OF UNIT

For horizontal discharge, remove the supply and return duct covers and place them over the vertical discharge return and supply openings. Install with insulation facing up, using the longer screws provided in the literature package.

CORNER WEIGHTS

Corner & Center of Gravity Locations

NOTES:

1. Weights are for belt drive gas unit; no options.
2. Centers of gravity weights are for belt drive gas units without options.

Provisions for forks have been included in the unit base frame on three sides. If unit is moved by forklift, no other fork locations are approved.

CAUTION

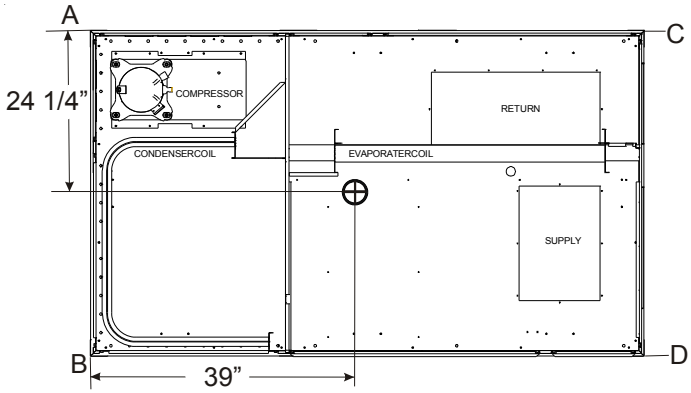
If units are lifted two at a time, the fork holes on the condenser end of the unit must NOT be used. Minimum fork length is **42"** to prevent damage to the unit; however, **48"** is recommended.

3 - 6 TONS

CORNER WEIGHTS

Model A * Rev	X (in)	Y (in)	Corner Weights (lbs)			
			A	B	C	D
DCG036045*	37	30	100	165	100	165
DCG036090*	37	30	100	170	100	170
DCG048090*	37	30	110	180	110	180
DCG048115*	37	30	110	180	110	180
DCG060090*	37	30	113	187	118	192
DCG060140*	37	30	118	192	118	192
DCG072140*	37	30	127	210	127	211

**** Weights shown are belt drive with no accessories.***



CENTER OF GRAVITY 3 - 6 TONS

PACKAGE GAS SPECIFICATIONS DCG036-060XXX1DXXXA*

		DCG0360451DXXA*	DCG0360901DXXXA*	DCG0480901DXXXA*	DCG0481151DXXXA*	DCG0600901DXXXA*	DCG0601401DXXXA*
COOLING	COOLING CAPACITY, BTUH	34,600	34,600	45,500	45,500	58,000	58,000
CAPACITY	SEER/EER	13/11.0	13/11.0	13/11.3	13/11.3	13/11.1	13/11.1
HEATING	HIGH HEATING INPUT / OUTPUT BTUH	46,000 / 36,800	92,000 / 74,000	92,000 / 74,000	115,000 / 92,000	92,000 / 74,000	138,000 / 110,400
CAPACITY	LOW HEATING INPUT / OUTPUT BTUH	---	69,000 / 55,200	69,000 / 55,000	86,250 / 69,000	69,000 / 55, 000	103,000 / 83,000
	A.F.U.E. (%)	80	80	80	80	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55	40 - 70 / 30 - 60	30 - 60 / 15 - 45	40-70 / 25 - 55	20 - 50 / 15 - 45	35 - 65 / 25 - 55
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
ELECTRICAL	UNIT AMPS (TOTAL)	20.6	20.6	24.1	24.1	35.4	35.4
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	25	25	29	29	42	42
	MAXIMUM OVERCURRENT PROTECTION(2)	40	40	45	45	60	60
HEATING	NUMBER OF BURNERS	2	4	4	5	4	6
SECTION	ORIFICE SIZE NATURAL	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55
	PRESSURE SWTICH SETTING	0.34	0.34	0.34	0.34	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	16.7	16.7	19.9	19.9	26.4	26.4
	LOCKED ROTOR AMPS	79	79	109	109	134	134
CONDENSER	HORSEPOWER	1/4	1/4	1/4	1/4	1/4	1/4
FAN MOTOR	RPM	1090	1090	1090	1090	1090	1090
	RATED LOAD AMPS	1.40	1.40	1.40	1.40	1.40	1.40
	LOCKED ROTOR AMPS	2.9	2.9	2.9	2.9	2.9	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4	22/4	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800	3,800	3,800	3,800
CONDENSER	FACE AREA - SQ. FT.	17	17	17	17	12.5	12.5
COIL	NUMBER OF ROWS	1	1	1	1	2	2
	FINS PER INCH	24	24	24	24	27	27
EVAPORATOR	HORSEPOWER - TYPE	1/3 - DIRECT DRIVE	1/3 - DIRECT DRIVE	1/2 - DIRECT DRIVE	1/2 - DIRECT DRIVE	1.0 - DIRECT DRIVE	1.0 - DIRECT DRIVE
BLOWER	NO. OF SPEEDS	PSC - 3	PSC - 3	PSC - 3	PSC - 3	EEM - 5	EEM - 5
MOTOR	FULL LOAD AMPS	2.5	2.5	2.9	2.9	7.6	7.6
	LOCKED ROTOR AMPS	--	--	5	5	--	---
	MOTOR SPEED TAP - COOLING	LOW SPEED	LOW SPEED	Medium	Medium	T4	T4
	RPM	890	890	1000	1000	1050	1050
EVAPORATOR	DIAMETER X WIDTH (INCHES)	10X9	10X9	10 x 9	10 x 9	11 X 10	11 X 10
BLOWER	RATED SCFM COOLING	1200	1200	1600	1600	2000	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.6	0.6	0.9	0.9
EVAPORATOR	FACE AREA - SQ. FT.	5.4	5.4	7	7	7.8	7.8
COIL	NUMBER OF ROWS	3	3	4	4	4	4
	FINS PER INCH	16	16	16	16	16	16
HEATING	PRIMARY LIMIT SETTING (°F)	140	120	120	140	140	220
LIMITS	AUXILIARY LIMIT SETTING (°F)	120	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	350	350	350	350	350	350
GENERAL	FILTER SIZE - SQ. FT.	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.068)	Orifice (0.068)	Orifice (0.076)	Orifice (0.076)	Orifice (0.086)	Orifice (0.086)
	REFRIGERANT CHARGE R-410A (Oz.)	83	85	103	103	100.8	100.8
	POWER SUPPLY CONDUIT HOLE SIZE (")	1.97"	1.97"	1.97"	1.97"	1.97"	1.97"
	KNOCKOUTSIZE (")	1.125	1.125	1.125	1.125	2.56"	2.56"
	LOW VOLTAGE CONDUIT HOLE SIZE (")	1/2"	1/2"	1/2"	1/2"	1/2	1/2
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50	22/50	22/50	55/95	55/95
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660	660	660	660
	SHIPPING WEIGHT LBS.	550	560	600	605	635	645
	OPERATING WEIGHT LBS.	525	535	575	580	610	620

(1) Units installed in Canada are certifed only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

PACKAGE GAS SPECIFICATIONS DCG036-060XXX3DXXXA*

		DCG0360453DXXXA*	DCG0360903DXXXA*	DCG0480903DXXXA*	DCG0481153DXXXA*	DCG0600903DXXXA*	DCG0601403DXXXA*
COOLING CAPACITY	COOLING CAPACITY, BTUH	34,600	34,600	45,500	45,500	58,000	58,000
	SEER/EER	13/11.0	13/11.0	13/11.3	13/11.3	13/11.1	13/11.1
HEATING CAPACITY	HIGH HEATING INPUT / 0UTPUT BTUH	46,000 / 36,800	92,000 / 74,000	92,000 / 74,000	115,000 / 92,000	92,000 / 74,000	138,000 / 110,400
	LOW HEATING INPUT / OUTPUT BTUH	---	69,000 / 55,000	69,000 / 55,000	86,250 / 69,000	69,000 / 55,000	103,000 / 83,000
	STEADY STATE EFFY %	80	80	80	80	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55 /	40 - 70 / 30 - 60	30 - 60 / 15 - 45	40-70 / 25-55	20 - 50 / 15 - 45	35 - 65 / 25 - 55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	14.4	14.4	17.4	17.4	25	25
	MINIMUM CIRCUIT AMPACITY	17	17	21	21	29	29
	MAXIMUM OVERCURRENT PROTECTION(2)	25	25	30	30	40	40
HEATING SECTION	NUMBER OF BURNERS	2	4	4	5	4	6
	ORIFICE SIZE NATURAL	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55
	PRESSURE SWITCH SETTING	0.34	0.34	0.34	0.34	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.4	10.4	13.1	13.1	16	16
	LOCKED ROTOR AMPS	73	73	83.1	83.1	110	110
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4	1/4	1/4
	RPM	1090	1090	1090	1090	1090	1090
	RATED LOAD AMPS	1.4	1.4	1.40	1.40	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9	2.9	2.9	2.9	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4	22/4	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800	3,800	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17	18	17	17	12.5	12.5
	NUMBER OF ROWS	1	1	1	1	2	2
	FINS PER INCH	24	22	24	24	27	27
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE - STANDARD	1/3 - DIRECT DRIVE	1/3 - DIRECT DRIVE	1/2 - DIRECT DRIVE	1/2 - DIRECT DRIVE	1.0 - DIRECT DRIVE	1.0 - DIRECT DRIVE
	NO. OF SPEEDS	PSC - 3	PSC- 3	PSC - 3	PSC - 3	EEM - 5	EEM - 5
	RATED LOAD AMPS	2.5	2.5	2.87	2.87	7.6	7.6
	LOCKED ROTOR AMPS	3.3	3.3	5	5	--	---
	MOTOR SPEED TAP - COOLING	LOW SPEED	LOW SPEED	Medium	Medium	T4	T4
	RPM	890	890	1000	1000	1050	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 9	10 x 9	10 X 9	10 X 9	11 X 10	11 X 10
	RATED SCFM COOLING	1200	1200	1600	1600	2000	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.9	0.9
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.4	5.4	7.0	7.0	7.8	7.8
	NUMBER OF ROWS	3	3	4	4	4	4
	FINS PER INCH	16	16	16	16	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	140	120	120	140	140	220
	AUXILIARY LIMIT SETTING (°F)	120	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	350	350	350	350	350	350
GENERAL INFORMATION	FILTER SIZE	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.072)	Orifice (0.068)	Orifice (0.076)	Orifice (0.076)	ORIFICE (0.086)	ORIFICE (0.086)
	REFRIGERANT CHARGE R-410A (Oz.)	83	83	103	103	100.8	100.8
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125	1.125	1.125	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50	22/50	22/50	55/95	55/95
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660	660	660	660
	SHIPPING WEIGHT LBS.	550	560	600	605	635	645
	OPERATING WEIGHT LBS.	525	535	575	580	610	620

(1) Units installed in Canada are certifed only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

PACKAGE GAS SPECIFICATIONS DCG036-072XXX3BXXXA*

		DCG0360453BXXXA*	DCG0360903BXXXA*	DCG0480903BXXXA*	DCG0481153BXXXA*	DCG0601403BXXXA*	DCG0721403BXXXA*
COOLING	COOLING CAPACITY, BTUH	34,600	34,600	45,500	45,500	58,000	71,000
CAPACITY	SEER/EER	13/11.0	13/11.0	13/11.3	13/11.3	13/11.1	11.0
HEATING	HIGH HEATING INPUT / OUTPUT BTUH	46,000 / 36,800	92,000 / 74,000	92,000 / 74,000	115,000 / 92,000	138,000 / 110,400	138,000 / 110,400
CAPACITY	LOW HEATING INPUT / OUTPUT BTUH	---	69,000 / 55,000	69,000 / 55,000	86,250 / 69,000	103,000 / 83,000	103,000 / 83,000
	STEADY STATE EFFY %	80	80	80	80	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55	40 - 70 / 30 - 60	30 - 60 / 15 - 45	40-70 / 25-55	35 - 65 / 25 - 55	35 - 65 / 25 - 55
UNIT	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
ELECTRICAL	UNIT AMPS (TOTAL)	15.7	15.7	18.3	18.3	21.2	22.4
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	18	18	22	22	25	31
	MAXIMUM OVERCURRENT PROTECTION(2)	25	25	30	30	40	45
HEATING	NUMBER OF BURNERS	2	4	4	5	6	6
SECTION	ORIFICE SIZE NATURAL	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55
	PRESSURE SWITCH SETTING	0.34	0.34	0.34	0.34	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.4	10.4	13.1	13.1	16	16
	LOCKED ROTOR AMPS	73	73	83.1	83.1	110	110
CONDENSER	HORSEPOWER	1/4	1/4	1/4	1/4	1/4	1/4
FAN MOTOR	RPM	1090	1090	1090	1090	1090	1090
	RATED LOAD AMPS	1.4	1.4	1.40	1.40	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9	2.9	2.9	2.9	4.0
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4	22/4	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800	3,800	3,800	3,800
CONDENSER	FACE AREA - SQ. FT.	17	18	17	17	12.5	19
COIL	NUMBER OF ROWS	1	1	1	1	2	2
	FINS PER INCH	24	22	24	24	27	27
EVAPORATOR	HORSEPOWER - TYPE - STANDARD	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.5 - STD STATIC BELT DRIVE
BLOWER	NO. OF SPEEDS	1	1	1	1	1	1
MOTOR	RATED LOAD AMPS	3.8	3.8	3.8	3.8	3.8	5
	LOCKED ROTOR AMPS	10.9	10.9	10.9	10.9	24	18
	MOTOR SPEED TAP - COOLING	---	---	---	---	---	---
	RPM	1725	1725	1725	1725	1725	1725
EVAPORATOR	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10	11 x 10	11 x 10	11 X 10	11 X 10
BLOWER	RATED SCFM COOLING	1200	1200	1600	1600	2000	2400
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.7	0.7	1.0	1.0	1.0	1.0
EVAPORATOR	FACE AREA - SQ. FT.	5.4	5.4	7.8	7.8	7.8	7.8
COIL	NUMBER OF ROWS	3	3	4	4	4	4
	FINS PER INCH	16	16	16	16	16	16
HEATING	PRIMARY LIMIT SETTING (°F)	140	120	140	140	220	140
LIMITS	AUXILIARY LIMIT SETTING (°F)	120	150	145	150	145	150
	ROLLOUT LIMIT SETTING (°F)	350	350	350	350	350	350
GENERAL	FILTER SIZE	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"
INFORMATION	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.072)	Orifice (0.068)	Orifice (0.076)	Orifice (0.076)	ORIFICE (0.086)	ORIFICE (0.094)
	REFRIGERANT CHARGE R-410A (Oz.)	85	83	105	103	100.8	146
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125	1.125	1.125	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50	22/50	22/50	55/95	55/95
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660	660	660	660
	SHIPPING WEIGHT LBS.	550	560	600	605	645	700
	OPERATING WEIGHT LBS.	525	535	575	580	620	675

(1) Units installed in Canada are certifed only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

PACKAGE GAS SPECIFICATIONS DCG036-072XXX4BXXXA*

		DCG0360454BXXX A*	DCG0360904BXXX A*	DCG0480904BXXX A*	CPG0481154BXXX A*	DCG0600904BXXX A*	DCG0601404BXXX A*	DCG0721404BXXX A*
COOLING CAPACITY	COOLING CAPACITY, BTUH	34,600	34,600	45,500	45,500	58,000	58,000	71,000
	SEER/EER	13/11.0	13/11.0	13/11.3	13/11.3	13/11.1	13/11.1	11.0
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	46,000 / 36,800	92,000 / 74,000	92,000 / 74,000	115,000 / 92,000	92,000 / 74,000	138,000 / 110,400	138,000 / 110,400
	LOW HEATING INPUT / OUTPUT BTUH	---	69,000 / 55,000	69,000 / 55,000	86,250 / 69,000	69,000 / 55,000	103,000 / 83,000	103,000 / 83,000
	A.F.U.E. (%)	80	80	80	80	80	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55	40 - 70 / 30 - 60	30 - 60 / 15 - 45	40-70 / 25-55	20 - 50 / 15 - 45	35 - 65 / 25 - 55	30 - 60 / 15 - 45
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
	UNIT AMPS (TOTAL)	8.5	8.5	8.8	8.8	10.5	10.5	13.4
	MINIMUM CIRCUIT AMPACITY	10	10	10	10	13	13	16
	MAXIMUM OVERCURRENT PROTECTION	15	15	15	15	20	20	25
HEATING SECTION	NUMBER OF BURNERS	2	4	4	5	4	6	6
	ORIFICE SIZE NATURAL	43	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55	55
	PRESSURE SWTICH SETTING	0.34	0.34	0.34	0.34	0.34	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	5.8	5.8	6.1	6.1	7.8	7.8	9.7
	LOCKED ROTOR AMPS	38	38	41	41	52	52	62
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4	1/4	1/4	1/3
	RPM	890	890	890	890	1090	1090	1075
	RATED LOAD AMPS	0.8	0.8	0.80	0.80	0.8	0.8	1.2
	LOCKED ROTOR AMPS	1.7	1.7	1.7	1.7	1.7	1.7	2.3
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4	22/4	22/4	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800	3,800	3,800	3,800	4,300
CONDENSER COIL	FACE AREA - SQ. FT.	17	18	17	17	12.5	12.5	19
	NUMBER OF ROWS	1	1	1	1	2	2	2
	FINS PER INCH	24	22	24	24	27	27	27
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE	1.5 - STD STATIC BELT DRIVE
	NO. OF SPEEDS	1	1	1	1	1	1	1
	RATED LOAD AMPS	1.9	1.9	1.9	1.9	1.9	1.9	2.5
	LOCKED ROTOR AMPS	10.9	10.9	10.9	10.9	13	13	12
	MOTOR SPEED TAP - COOLING	---	---	---	---	---'	--'	---
	RPM	1725	1725	1725	1725	1725	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10	11 X 10	11 X 10	11 X 10	11 X 10	11 X 10
	RATED SCFM COOLING	1200	1200	1600	1600	2000	2000	2,400
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.7	0.7	1.0	0.8	1.0	1.0	1.0
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.4	5.4	7.0	7.0	7.8	7.8	8.9
	NUMBER OF ROWS	3	3	4	4	4	4	4
	FINS PER INCH	16	16	16	16	16	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	140	120	140	140	160	220	140
	AUXILIARY LIMIT SETTING (°F)	120	150	145	150	145	145	150
	ROLLOUT LIMIT SETTING (°F)	350	350	350	350	350	350	350
GENERAL INFORMATION	FILTER SIZE	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"	(4) 14" X 2" x 2"	(4) 14" X 20" x 2"	(4) 16" X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.068)	ORIFICE (0.068)	Orifice (0.076)	Orifice (0.076)	ORIFICE (0.086)	ORIFICE (0.086)	ORIFICE (0.094)
	REFRIGERANT CHARGE R-410A (Oz.)	83	85	103	103	100.8	100.8	146
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125	1.125	1.97"	1.125	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"	1/2"	2.56"	1/2"	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-	22/50	22/50	22/50	22/50	55/95	55/95	55/95
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660	660	660	660	660
	SHIPPING WEIGHT LBS.	550	560	600	605	630	645	700
	OPERATING WEIGHT LBS.	525	535	575	580	610	620	675

(1) Units installed in Canada are certifed only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

PACKAGE GAS SPECIFICATIONS DCG036-072XXX7BXXXA*

		DCG0360907BXXX A*	DCG0481157BXXX A*	DCG0601407BXXX A*	DCG0721407BXXX A*
COOLING CAPACITY	COOLING CAPACITY, BTUH	35,000	45,500	58,000	71,000
	SEER/EER	13/11.0	13/11.3	13/11.1	11.0
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	92,000 / 74,000	115,000 / 92,000	138,000 / 110,400	138,000 / 110,400
	LOW HEATING INPUT / OUTPUT BTUH	69,000 / 55,000	86,250 / 69,000	103,000 / 83,000	103,000 / 83,000
	A.F.U.E. (%)	80	80	80	80
	TEMPERATURE RISE (°F) HI/LOW	40 - 70 / 30 - 60	40 - 70 / 25-55	35 - 65 / 25 - 55	35 - 65 / 25 - 55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	575/3/60	575/3/60	575/3/60	575/3/60
	UNIT AMPS (TOTAL)	6.7	7.3	8.58	8.58
	MINIMUM CIRCUIT AMPACITY	7.7	8	10	10
	MAXIMUM OVERCURRENT PROTECTION(2)	15	15	15	15
HEATING SECTION	NUMBER OF BURNERS	4	5	6	6
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
	PRESSURE SWTICH SETTING	0.34	0.34	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	3.8	4.4	5.7	5.7
	LOCKED ROTOR AMPS	36.5	33	38.9	38.9
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4
	RPM	1075	1075	1075	1075
	RATED LOAD AMPS	0.58	0.58	.58	.58
	LOCKED ROTOR AMPS	1.61	1.61	1.61	2.3
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	13	17	12.5	19
	NUMBER OF ROWS	2	1	2	2
	FINS PER INCH	16	24	27	27
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1.5 - STD STATIC BELT DRIVE	1.5 - STD STATIC BELT DRIVE	1.5 - STD STATIC BELT DRIVE	1.5 - STD STATIC BELT DRIVE
	NO. OF SPEEDS	1	1	NA	1
	RATED LOAD AMPS	2.3	2.3	2.3	2.3
	LOCKED ROTOR AMPS	10.9	10.9	11	12
	MOTOR SPEED TAP - COOLING	---	---	---	---
	RPM	1725	1725	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10	11 X 10	11 X 10
	RATED SCFM COOLING	1200	1600	2000	2400
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.7	0.8	1.0	1.0
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.4	7.8	7.8	7.8
	NUMBER OF ROWS	3	4	4	4
	FINS PER INCH	16	16	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	120	140	220	140
	AUXILIARY LIMIT SETTING (°F)	150	150	145	150
	ROLLOUT LIMIT SETTING (°F)	350	350	350	350
GENERAL INFORMATION	FILTER SIZE	(1) 24 X 24 x 2	(4) 14 X 20 x 2	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.068)	ORIFICE (0.076)	ORIFICE (0.086)	ORIFICE (0.094)
	REFRIGERANT CHARGE R-410A (Oz.)	ORIFICE (0.053)	110	100.8	146
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50	55/95	55/95
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660	660
	SHIPPING WEIGHT LBS.	560	605	645	700
	OPERATING WEIGHT LBS.	535	580	620	675

(1) Units installed in Canada are certifed only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

BLOWER PERFORMANCE DATA DCG036-048XXX*DXXXA*

DIRECT DRIVE - 3 & 4 TON

DCG 036 DIRECT DRIVE DOWNSHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1313	1.68	356	748
	0.2	1247	1.63	344	786
	0.3	1178	1.59	334	832
	0.4	1094	1.55	324	869
	0.5	1002	1.50	312	913
	0.6	919	1.45	296	940
MED	0.1	1471	2.11	454	830
	0.2	1400	2.06	440	863
	0.3	1354	2.02	432	896
	0.4	1271	1.95	416	929
	0.5	1188	1.90	398	957
	0.6	1083	1.82	378	984
	0.7	955	1.74	356	1012
HIGH	0.3	1470	2.37	510	935
	0.4	1390	2.31	492	957
	0.5	1310	2.25	476	978
	0.6	1206	2.17	454	1000
	0.7	1098	2.09	436	1023
	0.8	966	1.99	412	1045

DCG 036 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1293	1.72	364	715
	0.2	1235	1.67	354	759
	0.3	1173	1.62	342	803
	0.4	1124	1.58	330	841
	0.5	1056	1.54	316	880
	0.6	978	1.47	298	913
MED	0.1	1500	2.13	462	808
	0.2	1434	2.10	448	838
	0.3	1381	2.04	436	869
	0.4	1318	2.00	424	902
	0.5	1238	1.94	406	929
	0.6	1163	1.88	392	951
	0.7	1055	1.80	370	990
	0.8	936	1.72	350	1017
HIGH	0.4	1441	2.35	504	940
	0.5	1355	2.28	484	962
	0.6	1264	2.21	468	989
	0.7	1157	2.13	446	1012
	0.8	1027	2.03	418	1034
	0.9	840	1.90	388	1067

DCG 048 DIRECT DRIVE DOWNSHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1592	2.54	543	815
	0.2	1528	2.43	521	858
	0.3	1464	2.32	499	901
	0.4	1380	2.21	475	930
	0.5	1296	2.10	451	959
MED	0.1	1828	3.08	665	892
	0.2	1700	2.75	601	924
	0.3	1606	2.61	563	966
	0.4	1531	2.48	537	990
	0.5	1401	2.32	503	1023
	0.6	1287	2.22	477	1045
	0.7	1123	2.05	441	1073
HIGH	0.1	1926	3.34	740	937
	0.2	1825	3.18	700	965
	0.3	1712	3.03	660	989
	0.4	1598	2.87	626	1015
	0.5	1482	2.76	596	1032
	0.6	1357	2.62	564	1049

DCG 048 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1612	2.60	554	789
	0.2	1548	2.49	532	832
	0.3	1484	2.38	510	875
	0.4	1400	2.27	486	904
	0.5	1316	2.16	462	933
MED	0.1	1846	3.14	676	866
	0.2	1718	2.81	612	898
	0.3	1624	2.67	574	940
	0.4	1549	2.54	548	964
	0.5	1419	2.38	514	997
	0.6	1305	2.28	488	1019
	0.7	1141	2.11	452	1047
HIGH	0.1	1954	3.43	758	924
	0.2	1853	3.27	718	952
	0.3	1740	3.12	678	976
	0.4	1626	2.96	644	1002
	0.5	1510	2.85	614	1019
	0.6	1385	2.71	582	1036

NOTES: Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

3 Ton models are shipped from the factory with speed tap set on low speed.

4 Ton models are shipped from the factory with speed tap set on MED.

BLOWER PERFORMANCE DATA DCG060XXX*DXXXA*

DIRECT DRIVE - 5 TON

DCG 060 DIRECT DRIVE DOWNSHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
T1	0.1	1237	1.64	180	638
	0.2	1191	1.75	194	682
	0.3	1127	1.80	200	715
	0.4	1065	1.89	214	753
	0.5	994	1.97	220	797
T2	0.1	1437	2.13	248	687
	0.2	1384	2.24	254	726
	0.3	1312	2.29	262	759
	0.4	1245	2.42	280	803
	0.5	1185	2.54	294	847
T3	0.1	1988	4.49	558	885
	0.2	1942	4.58	574	907
	0.3	1882	4.69	582	935
	0.4	1847	4.80	600	962
	0.5	1784	4.87	612	990
	0.6	1762	4.97	626	1008
	0.7	1688	5.05	642	1039
T4	0.1	2106	5.14	650	924
	0.2	2050	5.26	670	951
	0.3	1993	5.32	678	969
	0.4	1960	5.47	696	1001
	0.5	1920	5.54	706	1021
	0.6	1880	5.61	726	1041
	0.7	1810	5.73	736	1072
	0.8	1760	5.81	750	1093
	0.9	1694	5.84	752	1122
T5	0.1	2199	5.87	762	968
	0.2	2146	5.96	772	989
	0.3	2121	6.06	788	1012
	0.4	2066	6.15	804	1039
	0.5	2010	6.21	814	1056
	0.6	1978	6.32	834	1084
	0.7	1919	6.28	830	1102
	0.8	1837	6.22	814	1122
	0.9	1738	6.04	786	1127

DCG 060 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
T1	0.1	1416	1.63	176	588
	0.2	1295	1.61	174	621
	0.3	1200	1.68	186	660
	0.4	1133	1.79	196	704
	0.5	1045	1.90	208	753
T2	0.1	1543	2.00	220	627
	0.2	1485	2.12	236	671
	0.3	1425	2.20	250	698
	0.4	1352	2.26	258	748
	0.5	1304	2.39	274	786
T3	0.1	2107	4.02	502	797
	0.2	2031	4.13	518	819
	0.3	1980	4.27	536	858
	0.4	1954	4.37	554	880
	0.5	1887	4.48	572	913
	0.6	1839	4.58	582	940
	0.7	1782	4.72	602	968
T4	0.1	2224	4.73	592	832
	0.2	2165	4.79	612	860
	0.3	2123	4.91	630	891
	0.4	2079	5.01	642	913
	0.5	2029	5.14	666	946
	0.6	1978	5.26	676	969
	0.7	1926	5.38	698	1001
	0.8	1872	5.48	712	1028
	0.9	1817	5.58	722	1056
T5	0.1	2318	5.42	700	874
	0.2	2296	5.55	720	903
	0.3	2228	5.66	734	929
	0.4	2193	5.76	748	950
	0.5	2145	5.90	766	979
	0.6	2097	5.99	784	1012
	0.7	2054	6.10	798	1034
	0.8	1991	6.15	810	1050
	0.9	1952	6.26	826	1079

NOTES: Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

5 Ton models are shipped from the factory with speed tap set on T4.

BLOWER PERFORMANCE DATA DCG036-048XXX*BXXXA*

BELT DRIVE - 3 & 4 TON

DCG036 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1524	0.32	1340	0.25
0.4					1628	0.41	1396	0.32	1171	0.24	900	0.16
0.6			1541	0.43	1284	0.32	1024	0.23	714	0.14		
0.8	1444	0.45	1193	0.33	936	0.24						
1.0	1111	0.34	806	0.23								
1.2	744	0.22										

DCG036 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							1596	0.36	1368	0.28	1162	0.21
0.4					1468	0.37	1224	0.28	981	0.20		
0.6	1610	0.51	1383	0.39	1124	0.28	856	0.19				
0.8	1293	0.40	1021	0.29	776	0.20						
1.0	948	0.29	614	0.17								

DCG048 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1800	0.47	1556	0.35
0.4					2002	0.65	1708	0.49	1438	0.36	1167	0.22
0.6			1910	0.67	1612	0.50	1330	0.37	1030	0.23		
0.8	1813	0.69	1571	0.54	1222	0.36	989	0.25				
1.0	1478	0.56	1142	0.32								
1.2	1107	0.41										

DCG048 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							1891	0.56	1632	0.42	1391	0.30
0.4					1796	0.57	1533	0.43	1290	0.31	1055	0.19
0.6	1948	0.74	1744	0.61	1446	0.44	1206	0.32	910	0.19		
0.8	1654	0.63	1409	0.48	1096	0.31						
1.0	1337	0.50	987	0.28								

NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*).

BLOWER PERFORMANCE DATA DCG060-072XXX*BXXXA*

BELT DRIVE - 5 & 6 TON

DCG060 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2					2460	0.96	2251	0.80	2073	0.65	1862	0.51
0.4			2408	1.00	2206	0.84	1982	0.68	1808	0.55	1572	0.41
0.6	2402	1.08	2173	0.89	1943	0.72	1701	0.55	1511	0.43		
0.8	2153	0.95	1917	0.77	1667	0.59						
1.0	1888	0.82	1634	0.63								
1.2	1601	0.67										

DCG060 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2			2210	0.91	2041	0.76	1869	0.63	1739	0.52	1565	0.40
0.4	2197	0.98	2021	0.82	1841	0.67	1660	0.54	1521	0.44	1339	0.32
0.6	2002	0.88	1822	0.72	1635	0.58	1445	0.44	1288	0.35		
0.8	1799	0.77	1610	0.62	1425	0.48						
1.0	1587	0.67	1384	0.51								

DCG 072 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							2749	1.18	2573	0.96	2402	0.79
0.4					2680	1.22	2544	1.06	2346	0.84	2164	0.68
0.6			2655	1.31	2498	1.10	2306	0.92	2094	0.72	1890	0.57
0.8	2703	1.47	2486	1.20	2263	0.97	2076	0.81				
1	2515	1.34	2272	1.07	2002	0.83						
1.2	2253	1.16	2028	0.93								

DCG 072 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2					2625	1.18	2486	1.02	2322	0.83	2152	0.68
0.4	2765	1.52	2596	1.28	2476	1.09	2327	0.94	2159	0.75	1938	0.59
0.6	2650	1.43	2452	1.18	2325	1.00	2070	0.80	1898	0.64		
0.8	2443	1.29	2251	1.06	2068	0.86	1868	0.71				
1	2258	1.17	2040	0.94	1806	0.73						
1.2	2021	1.02										

NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*).

BLOWER PERFORMANCE DATA DCG036-048XXX*HXXXA*

HIGH STATIC BELT DRIVE - 3 & 4 TON

DCG036 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1568	0.45	1266	0.32
0.8							1492	0.47	1194	0.34	922	0.23
1.0					1476	0.52	1163	0.37	856	0.24		
1.2			1458	0.57	1146	0.41	802	0.25				
1.4	1458	0.63	1139	0.46	782	0.30						
1.6	1139	0.52	844	0.36								
1.8	844	0.42										

DCG036 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1655	0.53	1389	0.39	1103	0.28
0.8					1640	0.57	1342	0.43	1035	0.29	775	0.19
1.0			1638	0.63	1326	0.47	1002	0.32	713	0.19		
1.2	1638	0.69	1307	0.52	984	0.36						
1.4	1307	0.58	1002	0.42								
1.6	1002	0.48	717	0.32								
1.8	717	0.38										

DCG048 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1894	0.66	1585	0.49
0.8							1839	0.71	1532	0.53	1223	0.37
1.0					1782	0.73	1477	0.55	1170	0.39		
1.2			1786	0.80	1445	0.59	1115	0.40				
1.4	1764	0.86	1426	0.64	1107	0.46						
1.6	1446	0.72	1098	0.50								
1.8	1099	0.56										

DCG048 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1989	0.77	1712	0.59	1433	0.44
0.8					1929	0.79	1662	0.63	1384	0.47	1106	0.33
1.0			1952	0.88	1622	0.67	1335	0.49	1056	0.34		
1.2	1897	0.93	1611	0.73	1315	0.54	1008	0.36				
1.4	1616	0.80	1298	0.59	1007	0.42						
1.6	1316	0.66	1007	0.46								
1.8												

NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*).

BLOWER PERFORMANCE DATA DCG060-072XXX*HXXXA*

BELT DRIVE - 5 & 6 TON

DCG060 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									2219	0.95	1970	0.75
0.8							2215	1.04	1956	0.82	1697	0.62
1.0					2240	1.15	1957	0.90	1681	0.67		
1.2			2260	1.26	1983	1.00	1683	0.74				
1.4	2288	1.38	2009	1.10	1711	0.84						
1.6	2032	1.21	1741	0.93								
1.8	1776	1.04										

DCG060 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6					2262	1.16	2051	0.95	1851	0.76	1657	0.60
0.8			2277	1.27	2070	1.05	1852	0.84	1646	0.66		
1.0	2304	1.39	2089	1.15	1872	0.93	1647	0.72				
1.2	2104	1.26	1893	1.03	1668	0.81						
1.4	1912	1.13	1690	0.90								
1.6	1720	1.00										

DCG 072 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									2677	1.29	2486	1.07
0.8							2690	1.42	2529	1.20	2263	0.94
1					2740	1.60	2471	1.27	2246	1.02	1972	0.79
1.2			2748	1.74	2518	1.44	2255	1.13	1970	0.87		
1.4	2797	1.87	2562	1.59	2273	1.27	2025	0.99				
1.6	2556	1.67	2314	1.40	2035	1.11						
1.8	2342	1.50	2037	1.21								
2	2137	1.35										

DCG 072 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6					2793	1.64	2575	1.37	2407	1.15	2250	0.96
0.8			2775	1.76	2638	1.53	2407	1.25	2226	1.04	2011	0.84
1	2821	1.89	2660	1.67	2407	1.36	2194	1.12	2012	0.92		
1.2	2696	1.79	2497	1.54	2228	1.23	1977	0.98				
1.4	2455	1.59	2236	1.35	2013	1.10						
1.6	2262	1.44	2032	1.20								
1.8	2069	1.30										

NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*).

MODEL: DCG036XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1350	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		DELTA T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		HI PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
	1200	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
70		DELTA T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	11	-	16	14	11	-
		HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
	1050	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-
		S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
		DELTA T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	394	-	383	412	435	-
		LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-
75	1350	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	**33.0**	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	**0.81**	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		DELTA T	19	18	15	10	20	18	15	10	20	18	15	10	20	**18**	15	10	19	18	15	10	18	17	14	9
		HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	**348**	368	384	364	392	414	432	402	433	457	477
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	**133**	145	154	131	139	152	162	135	144	157	167
	1200	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	**32.1**	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	**0.77**	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
		DELTA T	20	19	15	10	20	19	15	11	20	19	15	11	21	**19**	15	11	20	19	15	11	19	17	14	10
		HI PR	221	237	251	261	248	266	281	293	281	303	320	334	321	**345**	364	380	361	388	410	427	399	429	453	472
		LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	**131**	144	153	130	138	150	160	134	143	156	166
	1050	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	**29.6**	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3
		S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	**0.74**	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38
		DELTA T	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		HI PR	214	230	243	254	240	258	273	285	273	294	310	324	311	**335**	353	369	350	376	398	415	387	416	439	458
		LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	**128**	139	148	126	134	146	155	130	138	151	161

Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service access fittings.

MODEL: DCG036XXXXXX**

EXPANDED PERFORMANCE DATA

COOLING OPERATION

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	20	19	17	13
		HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482
		LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	1200	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	**34.6**	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	**0.72**	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		Delta T	22	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	23	22	19	15	21	20	18	14
		HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	**368**	384	364	392	414	432	403	433	457	477
		LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	**145**	154	131	139	152	162	135	144	157	167
	1050	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
		S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
		HI PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	390	420	444	463
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162
85	1350	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
		Delta T	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	21	22	21	19	20	20	20	17
		HI PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440	411	442	467	487
		LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171
	1200	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
		Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	22	19	22	22	21	18
		HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482
		LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	1050	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
		S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71
		Delta T	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	23	23	21	18
		HI PR	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423	394	424	448	467
		LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is AHRI Rating Conditions

High and low pressures are measured at the liquid and suction service access fittings.

MODEL: DCG048XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1800	MBh	44.6	46.2	50.6	-	43.5	45.1	49.5	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		DELTA T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		HI PR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	444	-	431	464	490	-
		LO PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-
	1600	MBh	43.3	44.9	49.2	-	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-
		DELTA T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		HI PR	236	254	269	-	265	285	301	-	302	325	343	-	344	370	390	-	386	416	439	-	427	460	485	-
		LO PR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	136	145	158	-
	1400	MBh	40.0	41.4	45.4	-	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-
		DELTA T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		HI PR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-
75	1800	MBh	45.3	46.7	50.5	54.2	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	**43.4**	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	**0.82**	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
		DELTA T	19	18	15	10	20	18	15	10	20	18	15	10	20	**18**	15	10	20	18	15	10	18	17	14	10
		HI PR	241	260	274	286	271	291	307	321	308	331	350	365	351	**377**	398	415	394	424	448	467	436	469	495	516
		LO PR	111	118	129	138	118	125	137	146	122	130	142	151	128	**137**	149	159	135	143	156	167	139	148	162	172
	1600	MBh	44.0	45.3	49.1	52.7	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	**42.2**	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		DELTA T	20	19	15	11	21	19	15	11	21	19	15	11	21	**19**	16	11	20	19	15	11	19	18	14	10
		HI PR	239	257	271	283	268	288	304	318	305	328	346	361	347	**373**	394	411	390	420	444	463	431	464	490	511
		LO PR	110	117	128	136	116	124	135	144	121	129	141	150	127	**135**	148	157	133	142	155	165	138	147	160	171
	1400	MBh	40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	**38.9**	42.1	45.2	35.9	37.0	40.0	42.9	33.3	34.2	37.1	39.8
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	**0.76**	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
		DELTA T	21	19	16	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		HI PR	232	249	263	275	260	280	295	308	296	318	336	350	337	**362**	383	399	379	408	430	449	418	450	475	496
		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	**131**	143	153	129	138	150	160	134	142	155	165

Shaded area is ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service access fittings.

MODEL: DCG048XXXXXX**

EXPANDED PERFORMANCE DATA

COOLING OPERATION

			Outdoor Ambient Temperature																					
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1800	MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.0	51.4	42.9	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.2	44.1
		S/T	0.92	0.86	0.70	0.53	0.95	0.90	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60
		DELTA T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	19	20	17	14
		HI PR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522
		LO PR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174
	1600	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	**45.5**	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	**0.74**	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58
		DELTA T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	23	22	19	15	21	20	18	14
		HI PR	241	260	274	286	271	291	308	321	308	331	350	365	351	377	**398**	415	394	424	448	467	436	469	495	516
		LO PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	**149**	159	135	143	156	167	139	148	162	172
	1400	MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55
		DELTA T	23	22	19	15	23	22	19	16	23	22	19	16	23	22	20	16	23	22	19	15	22	21	18	14
		HI PR	234	252	266	277	263	282	298	311	299	321	339	354	340	366	386	403	383	412	435	453	423	455	480	501
		LO PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
			NOTE: Shaded area reflects AHRI rating conditions																							
85	1800	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.8	45.6	47.8	51.0	43.7	44.5	46.6	49.7	41.5	42.3	44.3	47.3	38.4	39.2	41.0	43.8
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
		DELTA T	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18
		HI PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527
		LO PR	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176
	1600	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		DELTA T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18
		HI PR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522
		LO PR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174
	1400	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
		DELTA T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	23	23	21	19
		HI PR	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506
		LO PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is AHRI Rating Conditions

High and low pressures are measured at the liquid and suction service access fittings.

MODEL: DCG060XXXXXX**

EXPANDED PERFORMANCE DATA

IDB*	Airflow		Outdoor Ambient Temperature 65 / Entering Indoor Wet Bulb Temperature 59	63	67	71	75 / 59	63	67	71	85 / 59	63	67	71	95 / 59	63	67	71	105 / 59	63	67	71	115 / 59	63	67	71
70	2150	MBh	58.6	60.8	66.6	-	57.3	59.4	65.0	-	55.9	58.0	63.5	-	54.6	56.5	62.0	-	51.8	53.7	58.9	-	48.0	49.8	54.5	-
		S/T	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.72	0.50	-	0.90	0.75	0.52	-	0.91	0.76	0.53	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		KW	4.20	4.28	4.41	-	4.51	4.61	4.75	-	4.79	4.89	5.05	-	5.03	5.14	5.31	-	5.24	5.36	5.53	-	5.42	5.54	5.73	-
		HI PR	242	261	275	-	272	293	309	-	309	333	352	-	352	379	400	-	396	427	450	-	438	471	498	-
		LO PR	107	114	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	134	143	156	-
	1900	MBh	56.9	59.0	64.7	-	55.6	57.6	63.2	-	54.3	56.3	61.6	-	53.0	54.9	60.1	-	50.3	52.2	57.1	-	46.6	48.3	52.9	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.72	0.50	-
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-
		KW	4.16	4.25	4.38	-	4.48	4.57	4.71	-	4.75	4.85	5.01	-	4.99	5.10	5.27	-	5.20	5.31	5.49	-	5.38	5.50	5.68	-
		HI PR	240	258	273	-	269	290	306	-	306	330	348	-	349	375	396	-	392	422	446	-	434	467	493	-
		LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-
	1650	MBh	52.6	54.5	59.7	-	51.3	53.2	58.3	-	50.1	51.9	56.9	-	48.9	50.7	55.5	-	46.4	48.1	52.7	-	43.0	44.6	48.9	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		Delta T	21	18	14	-	22	19	14	-	22	19	14	-	22	19	14	-	21	19	14	-	20	17	13	-
		KW	4.07	4.15	4.28	-	4.37	4.46	4.60	-	4.64	4.74	4.89	-	4.87	4.98	5.14	-	5.07	5.18	5.35	-	5.25	5.36	5.54	-
		HI PR	233	251	265	-	261	281	297	-	297	320	338	-	338	364	385	-	381	410	433	-	421	453	478	-
		LO PR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	129	137	150	-
75	2150	MBh	59.6	61.4	66.5	71.3	58.3	60.0	64.9	69.7	56.9	58.5	63.4	68.0	55.5	57.1	61.8	66.4	52.7	54.3	58.7	63.0	48.8	50.3	54.4	58.4
		S/T	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.96	0.85	0.65	0.42	0.99	0.88	0.67	0.43	1.00	0.92	0.69	0.45	1.00	0.92	0.70	0.45
		Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	21	20	16	11
		KW	4.23	4.32	4.45	4.59	4.55	4.64	4.79	4.94	4.83	4.93	5.09	5.26	5.08	5.19	5.35	5.53	5.29	5.40	5.58	5.77	5.47	5.59	5.77	5.97
		HI PR	245	264	278	290	275	296	312	326	313	336	355	370	356	383	404	422	400	431	455	475	442	476	503	524
		LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1900	MBh	57.9	59.6	64.5	69.3	56.6	58.2	63.0	67.6	55.2	56.8	61.5	66.0	53.9	**55.5**	60.0	64.4	51.2	52.7	57.0	61.2	47.4	48.8	52.8	56.7
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	**0.84**	0.64	0.41	0.98	0.87	0.66	0.43	0.98	0.88	0.67	0.43
		Delta T	24	22	18	13	24	22	18	13	24	22	18	13	25	**23**	18	13	24	22	18	13	23	21	17	12
		KW	4.20	4.28	4.41	4.55	4.51	4.61	4.75	4.90	4.79	4.89	5.05	5.21	5.04	**5.14**	5.31	5.49	5.24	5.36	5.53	5.72	5.42	5.54	5.73	5.92
		HI PR	242	261	276	287	272	293	309	322	309	333	352	367	352	**379**	400	418	396	427	451	470	438	471	498	519
		LO PR	107	114	125	133	114	121	132	140	118	126	137	146	124	**132**	144	153	130	138	151	161	134	143	156	166
	1650	MBh	53.4	55.0	59.6	63.9	52.2	53.7	58.2	62.4	51.0	52.5	56.8	61.0	49.7	51.2	55.4	59.5	47.2	48.6	52.6	56.5	43.7	45.0	48.8	52.3
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		Delta T	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	17	12
		KW	4.10	4.18	4.31	4.45	4.40	4.50	4.64	4.78	4.67	4.77	4.93	5.08	4.91	5.02	5.18	5.35	5.12	5.23	5.40	5.57	5.29	5.41	5.58	5.77
		HI PR	235	253	267	279	264	284	300	313	300	323	341	356	342	368	388	405	385	414	437	456	425	457	483	504
		LO PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161

* NOTE: Shaded areas are TVA and ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW = Total system power

High and low pressures are measured at the liquid and suction access fittings. AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

MODEL: DCG060XXXXXX**

EXPANDED PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2150	MBh	60.7	62.0	66.3	70.8	59.3	60.6	64.7	69.2	57.9	59.1	63.2	67.5	56.5	57.7	61.6	65.9	53.6	54.8	58.6	62.6	49.7	50.8	54.2	58.0
		S/T	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.86	0.65
		Delta T	26	25	21	17	25	25	22	17	25	25	22	17	24	25	22	17	23	23	21	17	21	22	20	16
		KW	4.26	4.35	4.49	4.63	4.58	4.68	4.83	4.98	4.87	4.97	5.13	5.30	5.12	5.23	5.40	5.58	5.33	5.45	5.63	5.81	5.52	5.64	5.82	6.02
		HI PR	247	266	281	293	278	299	315	329	316	340	359	374	360	387	409	426	404	435	460	479	447	481	508	530
		LO PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170
	1900	MBh	58.9	60.2	64.3	68.8	57.6	58.8	62.8	67.2	56.2	57.4	61.3	65.6	54.8	56.0	**59.8**	64.0	52.1	53.2	56.9	60.8	48.2	49.3	52.7	56.3
		S/T	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	**0.79**	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		Delta T	27	26	22	18	27	26	23	18	27	26	23	18	27	26	**23**	18	25	26	22	18	23	24	21	17
		KW	4.23	4.32	4.45	4.59	4.55	4.64	4.79	4.94	4.83	4.93	5.09	5.26	5.08	5.19	**5.36**	5.53	5.29	5.40	5.58	5.77	5.47	5.59	5.77	5.97
		HI PR	245	264	278	290	275	296	312	326	313	336	355	370	356	383	**405**	422	400	431	455	475	442	476	503	524
		LO PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	**145**	155	131	140	152	162	136	144	158	168
	1650	MBh	54.4	55.6	59.4	63.5	53.1	54.3	58.0	62.0	51.9	53.0	56.6	60.5	50.6	51.7	55.2	59.1	48.1	49.1	52.5	56.1	44.5	45.5	48.6	52.0
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	0.99	0.93	0.76	0.57	1.03	0.97	0.79	0.59	1.04	0.98	0.79	0.59
		Delta T	27	26	23	18	28	27	23	19	28	27	23	19	28	27	23	19	28	26	23	18	26	25	22	17
		KW	4.13	4.22	4.34	4.48	4.44	4.53	4.67	4.82	4.71	4.81	4.97	5.13	4.95	5.06	5.22	5.39	5.16	5.27	5.44	5.62	5.33	5.45	5.63	5.82
		HI PR	238	256	270	282	267	287	303	316	303	326	344	359	345	372	392	409	388	418	441	460	429	462	488	509
		LO PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
85	2150	MBh	61.8	63.0	65.9	70.3	60.3	61.5	64.4	68.7	58.9	60.0	62.9	67.1	57.5	58.6	61.3	65.4	54.6	55.6	58.3	62.2	50.6	51.5	54.0	57.6
		S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.84
		Delta T	26	27	25	22	26	26	26	22	25	26	26	22	25	25	26	22	23	24	25	22	22	22	23	21
		KW	4.29	4.38	4.52	4.66	4.62	4.72	4.87	5.02	4.91	5.01	5.17	5.34	5.16	5.27	5.44	5.62	5.38	5.49	5.67	5.86	5.56	5.68	5.87	6.07
		HI PR	250	269	284	296	280	302	319	332	319	343	362	378	363	391	413	430	409	440	464	484	451	486	513	535
		LO PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136	148	158	134	142	155	166	138	147	161	171
	1900	MBh	60.0	61.1	64.0	68.3	58.6	59.7	62.5	66.7	57.2	58.3	61.0	65.1	55.8	56.9	59.5	63.5	53.0	54.0	56.6	60.4	49.1	50.0	52.4	55.9
		S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.99	0.80
		Delta T	29	28	27	23	28	28	27	23	28	28	27	23	27	28	27	23	26	26	27	23	24	24	25	22
		KW	4.26	4.35	4.49	4.63	4.58	4.68	4.83	4.98	4.87	4.97	5.13	5.30	5.12	5.23	5.40	5.58	5.33	5.45	5.63	5.81	5.52	5.64	5.82	6.02
		HI PR	247	266	281	293	278	299	315	329	316	340	359	374	360	387	409	426	404	435	460	479	447	481	508	530
		LO PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170
	1650	MBh	55.3	56.4	59.1	63.0	54.1	55.1	57.7	61.6	52.8	53.8	56.3	60.1	51.5	52.5	55.0	58.6	48.9	49.9	52.2	55.7	45.3	46.2	48.4	51.6
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		Delta T	29	29	27	24	30	29	28	24	29	29	28	24	29	29	28	24	27	28	27	24	25	26	26	22
		KW	4.16	4.25	4.38	4.52	4.47	4.57	4.71	4.86	4.75	4.85	5.01	5.17	4.99	5.10	5.27	5.44	5.20	5.31	5.49	5.67	5.38	5.50	5.68	5.87
		HI PR	240	258	273	284	269	290	306	319	306	330	348	363	349	375	396	413	392	422	446	465	433	466	493	514
		LO PR	106	113	124	132	112	120	131	139	117	124	136	144	123	131	142	152	129	137	149	159	133	141	154	165

* NOTE: Shaded areas are TVA and ARI Rating Conditions

High and low pressures are measured at the liquid and suction access fittings.

IDB: Entering Indoor Dry Bulb Temperature

KW = Total system power

AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

MODEL: DCG072XXXXXX**

EXPANDED PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2650	MBh	71.1	73.7	80.8	-	69.5	72.0	78.9	-	67.8	70.3	77.0	-	66.2	68.6	75.1	-	62.8	65.1	71.4	-	58.2	60.3	66.1	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	5.21	5.31	5.46	-	5.58	5.69	5.86	-	5.90	6.02	6.20	-	6.19	6.32	6.51	-	6.43	6.57	6.77	-	6.64	6.78	7.00	-
		HI PR	235	253	267	-	263	283	299	-	299	322	340	-	341	367	388	-	384	413	436	-	424	456	482	-
		LO PR	108	115	125	-	114	121	132	-	118	126	137	-	124	132	144	-	130	138	151	-	135	143	156	-
	2350	MBh	69.0	71.6	78.4	-	67.4	69.9	76.6	-	65.8	68.2	74.8	-	64.2	66.6	72.9	-	61.0	63.2	69.3	-	56.5	58.6	64.2	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	5.17	5.27	5.42	-	5.53	5.64	5.81	-	5.86	5.98	6.16	-	6.14	6.27	6.46	-	6.38	6.52	6.72	-	6.59	6.73	6.94	-
		HI PR	232	250	264	-	261	281	296	-	297	319	337	-	338	363	384	-	380	409	432	-	420	452	477	-
		LO PR	107	113	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	133	142	155	-
	2050	MBh	63.7	66.0	72.4	-	62.2	64.5	70.7	-	60.8	63.0	69.0	-	59.3	61.4	67.3	-	56.3	58.4	64.0	-	52.2	54.1	59.2	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		KW	5.06	5.15	5.30	-	5.41	5.52	5.68	-	5.72	5.84	6.01	-	6.00	6.12	6.31	-	6.23	6.36	6.56	-	6.44	6.57	6.77	-
		HI PR	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-
		LO PR	103	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-
75	2650	MBh	72.3	74.5	80.6	86.5	70.6	72.7	78.7	84.5	69.0	71.0	76.8	82.5	67.3	69.3	75.0	80.5	63.9	65.8	71.2	76.4	59.2	61.0	66.0	70.8
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
		KW	5.25	5.35	5.50	5.67	5.62	5.73	5.90	6.08	5.95	6.07	6.25	6.45	6.24	6.37	6.56	6.77	6.48	6.62	6.83	7.04	6.70	6.84	7.05	7.28
		HI PR	237	255	269	281	266	286	302	315	303	326	344	359	345	371	392	408	388	417	441	459	428	461	487	508
		LO PR	109	116	126	135	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	163	136	145	158	168
	2350	MBh	70.2	72.3	78.2	84.0	68.6	70.6	76.4	82.0	66.9	68.9	74.6	80.1	65.3	**67.2**	72.8	78.1	62.0	63.9	69.1	74.2	57.5	59.2	64.1	68.7
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	**0.80**	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	19	16	11
		KW	5.21	5.31	5.46	5.63	5.58	5.69	5.86	6.04	5.90	6.02	6.20	6.40	6.19	**6.32**	6.51	6.72	6.43	6.57	6.77	6.99	6.64	6.78	7.00	7.22
		HI PR	235	253	267	278	263	283	299	312	300	322	340	355	341	**367**	388	404	384	413	436	455	424	456	482	503
		LO PR	108	115	125	133	114	121	132	141	118	126	137	146	124	**132**	144	154	130	138	151	161	135	143	156	167
	2050	MBh	64.8	66.7	72.2	77.5	63.3	65.2	70.5	75.7	61.8	63.6	68.9	73.9	60.3	62.1	67.2	72.1	57.3	59.0	63.8	68.5	53.0	54.6	59.1	63.5
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	22	18	12	23	21	17	12	22	20	16	11
		KW	5.09	5.19	5.34	5.50	5.45	5.56	5.72	5.90	5.77	5.88	6.06	6.25	6.05	6.17	6.36	6.56	6.28	6.41	6.61	6.82	6.49	6.62	6.83	7.05
		HI PR	228	245	259	270	255	275	290	303	291	313	330	344	331	356	376	392	372	401	423	441	411	443	467	488
		LO PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	131	139	152	162

* NOTE: Shaded areas are TVA and ARI Rating Con IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

KW = Total system power
AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

MODEL: DCG072XXXXXX**

EXPANDED PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2650	MBh	73.6	75.2	80.4	85.9	71.9	73.5	78.5	83.9	70.2	71.7	76.6	81.9	68.5	70.0	74.7	79.9	65.0	66.5	71.0	75.9	60.3	61.6	65.8	70.3
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		Delta T	24	23	20	16	25	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15
		KW	5.29	5.39	5.55	5.71	5.66	5.77	5.95	6.13	5.99	6.12	6.30	6.50	6.29	6.42	6.61	6.82	6.54	6.67	6.88	7.10	6.75	6.89	7.11	7.34
		HI PR	239	258	272	284	269	289	305	318	306	329	347	362	348	375	396	413	392	421	445	464	433	466	492	513
		LO PR	110	117	128	136	116	123	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170
	2350	MBh	71.5	73.0	78.0	83.4	69.8	71.3	76.2	81.5	68.1	69.6	74.4	79.5	66.5	67.9	**72.6**	77.6	63.2	64.5	68.9	73.7	58.5	59.8	63.9	68.3
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	**0.75**	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	24	**21**	17	25	24	21	17	23	23	20	16
		KW	5.25	5.35	5.51	5.67	5.62	5.73	5.90	6.08	5.95	6.07	6.25	6.45	6.24	6.37	**6.56**	6.77	6.48	6.62	6.83	7.04	6.70	6.84	7.05	7.28
		HI PR	237	255	269	281	266	286	302	315	303	326	344	359	345	371	**392**	408	388	417	441	459	428	461	487	508
		LO PR	109	116	126	135	115	122	133	142	119	127	139	148	125	133	**146**	155	131	140	153	163	136	145	158	168
	2050	MBh	66.0	67.4	72.0	77.0	64.4	65.8	70.3	75.2	62.9	64.3	68.7	73.4	61.4	62.7	67.0	71.6	58.3	59.6	63.6	68.0	54.0	55.2	58.9	63.0
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		Delta T	26	24	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		KW	5.13	5.23	5.38	5.54	5.49	5.60	5.77	5.94	5.81	5.93	6.11	6.30	6.09	6.22	6.41	6.61	6.33	6.46	6.66	6.87	6.54	6.68	6.88	7.10
		HI PR	230	247	261	273	258	278	293	306	293	316	334	348	334	360	380	396	376	405	427	446	415	447	472	492
		LO PR	106	112	123	130	111	119	129	138	116	123	135	143	122	129	141	151	128	136	148	158	132	140	153	163
85	2650	MBh	74.9	76.3	80.0	85.3	73.1	74.6	78.1	83.3	71.4	72.8	76.2	81.3	69.7	71.0	74.4	79.3	66.2	67.5	70.7	75.4	61.3	62.5	65.4	69.8
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		Delta T	26	25	24	21	25	25	24	21	25	25	24	21	24	25	24	21	23	23	24	21	21	22	22	19
		KW	5.32	5.43	5.59	5.75	5.70	5.82	5.99	6.18	6.04	6.16	6.35	6.55	6.34	6.47	6.67	6.88	6.59	6.72	6.94	7.16	6.80	6.95	7.17	7.40
		HI PR	242	260	275	287	271	292	308	322	309	332	351	366	352	378	399	417	395	426	449	469	437	470	497	518
		LO PR	111	118	129	137	117	125	136	145	122	130	141	151	128	136	149	158	134	143	156	166	139	148	161	172
	2350	MBh	72.7	74.1	77.6	82.8	71.0	72.4	75.8	80.9	69.3	70.7	74.0	79.0	67.6	68.9	72.2	77.0	64.3	65.5	68.6	73.2	59.5	60.7	63.5	67.8
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	26	25	22	23	24	23	20
		KW	5.29	5.39	5.55	5.71	5.66	5.77	5.95	6.13	5.99	6.12	6.30	6.50	6.29	6.42	6.61	6.82	6.54	6.67	6.88	7.10	6.75	6.89	7.11	7.34
		HI PR	239	258	272	284	269	289	305	318	306	329	347	362	348	375	396	413	392	421	445	464	433	466	492	513
		LO PR	110	117	128	136	116	123	135	144	121	128	140	149	127	135	147	157	133	141	154	164	137	146	160	170
	2050	MBh	67.1	68.4	71.6	76.4	65.5	66.8	70.0	74.7	64.0	65.2	68.3	72.9	62.4	63.6	66.6	71.1	59.3	60.5	63.3	67.5	54.9	56.0	58.6	62.6
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
		Delta T	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21
		KW	5.17	5.27	5.42	5.58	5.53	5.64	5.81	5.99	5.86	5.97	6.15	6.34	6.14	6.27	6.46	6.66	6.38	6.51	6.72	6.93	6.59	6.73	6.94	7.16
		HI PR	232	250	264	275	261	280	296	309	296	319	337	351	338	363	384	400	380	409	432	450	420	452	477	497
		LO PR	107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165

* NOTE: Shaded areas are TVA and ARI Rating Con IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.

KW = Total system power
AMPS: Unit amps (comp.+ evaporator + condenser fan motors)

COOLING PERFORMANCE DATA

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (**Delta T**). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (**Delta T**). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus **3 degrees** of the typical (**Delta T**) value shown.

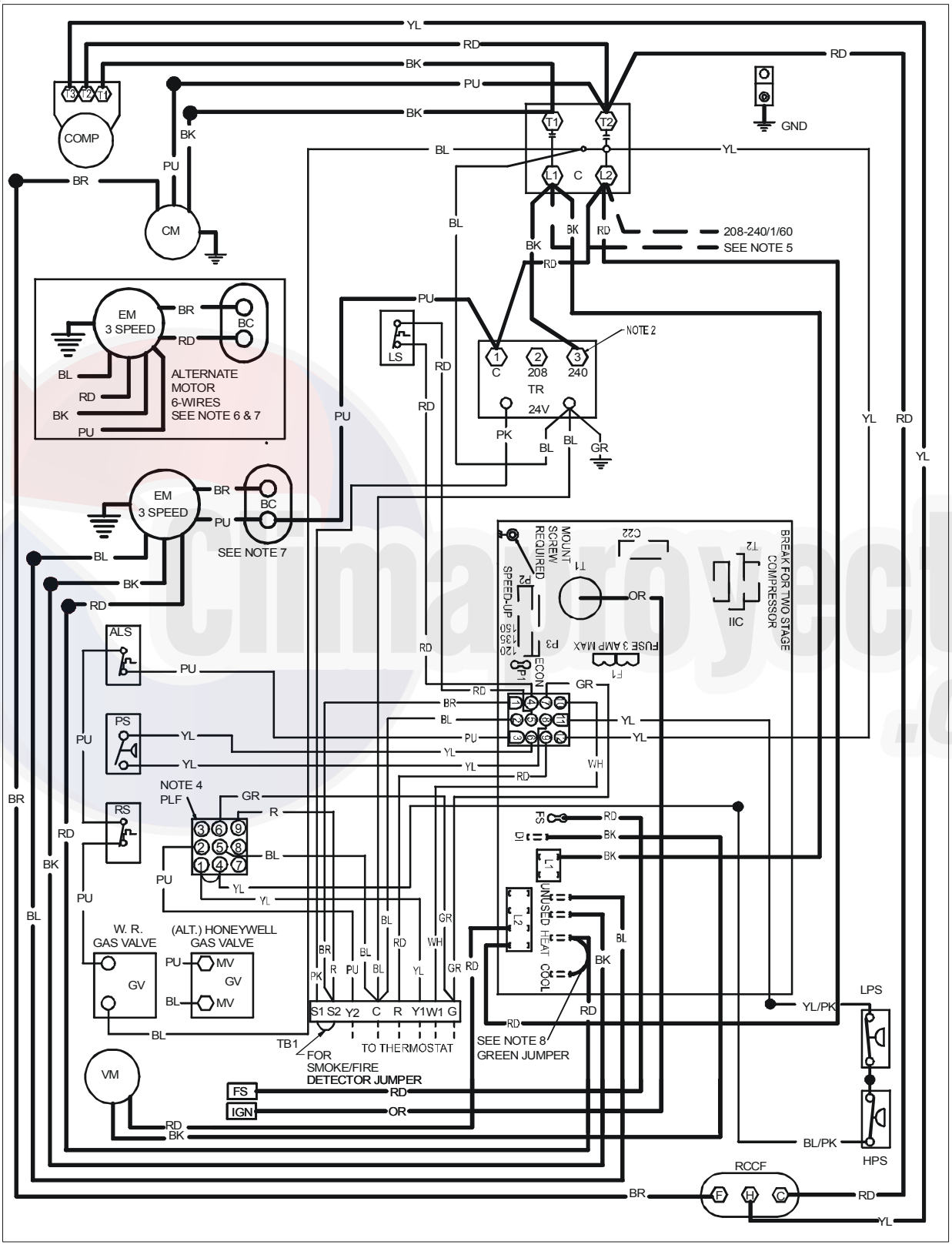
A properly operating unit should be within plus or minus **7 PSIG** of the **HI PR** shown.

A properly operating unit should be within plus or minus **3 PSIG** of the **LO PR** shown.

WIRING DIAGRAMS DCG0360451DXXXA*

WARNING

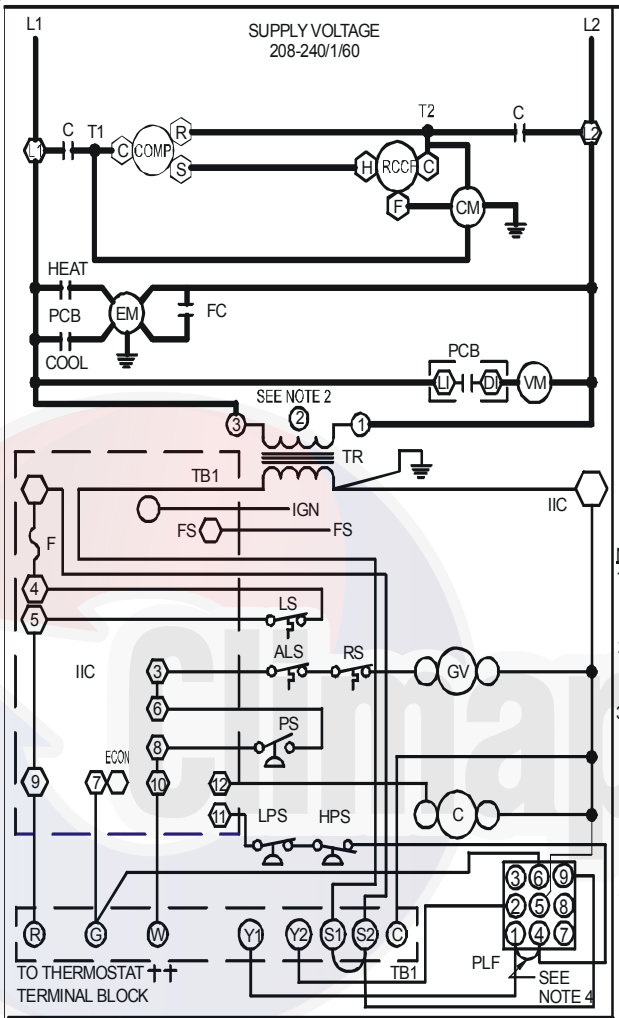
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THISAPPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
LPS	LOW PRESSURE SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RCCF	RUN CAPACITOR FOR CONDENSER FAN
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	RELAY
BC	BLOWER CAPACITOR

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD
   3 SPEED MOTOR
   RD - LOW SPEED
   BL - MED. SPEED
   BK - HIGH SPEED
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY.
   †† USE NEC CLASS 2 WIRE.
6. PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 1).
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
8. TO RUN DIFFERENT SPEED FOR HEATING AND COOLING, DISCONNECT GEEEN JUMPER FROM "COOL" TERMINAL AND REPLACE WITH APPROPRIATE SPEED TAP. THEN PLACE DISCONNECTED END OF JUMPER ON "UNUSED" TERMINAL LEFT OPEN BY MOVING THE SPEED TAP.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVERCURRENT PROTECTION.

208-240/1/60 0140L02900-A

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

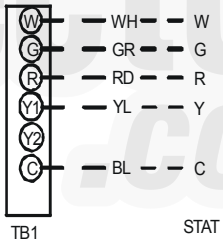
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

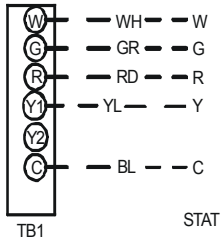
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ††

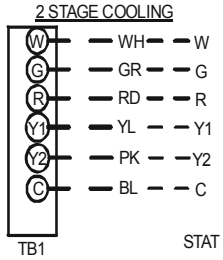
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING

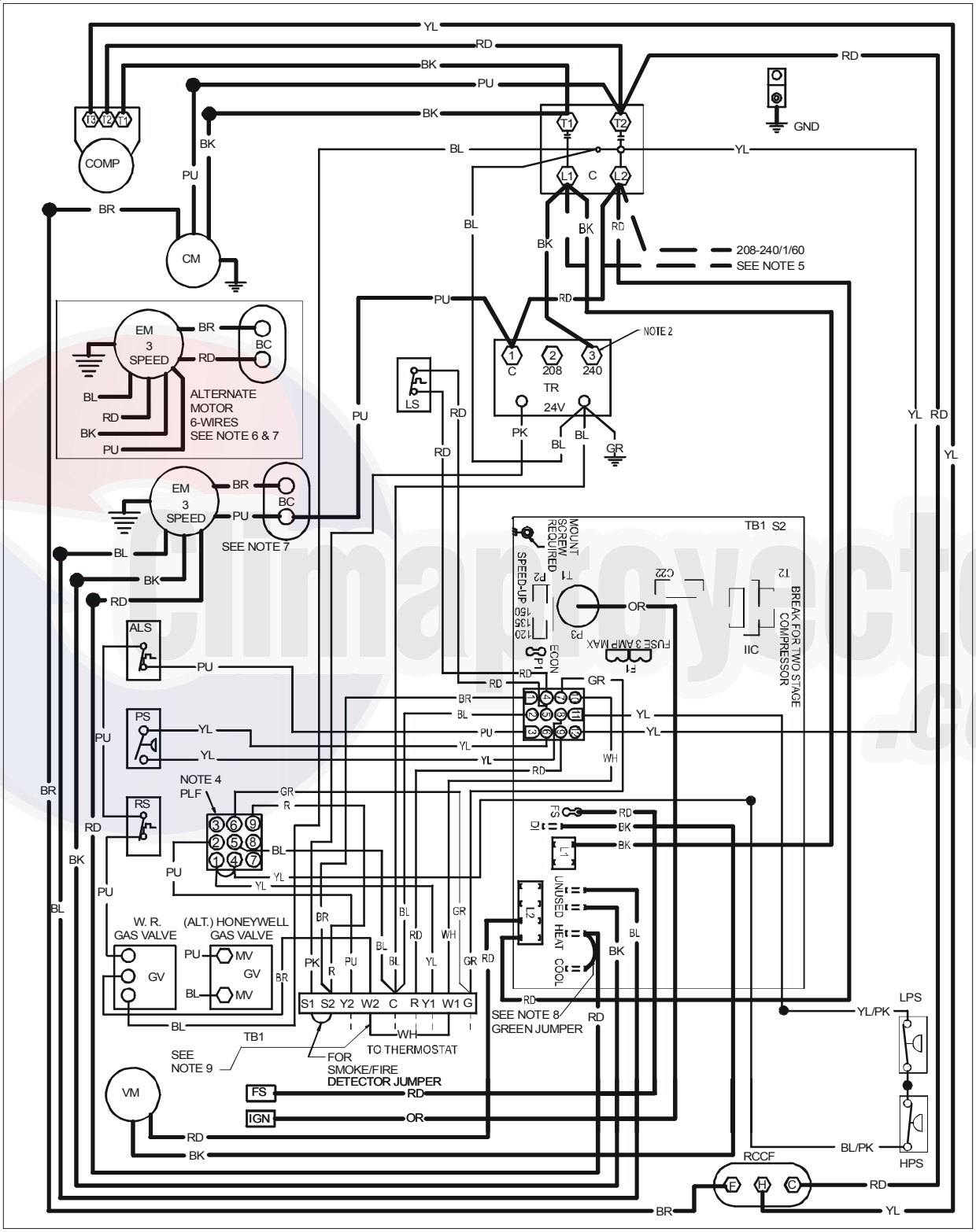


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG036-048XXX1DXXXA*

WARNING

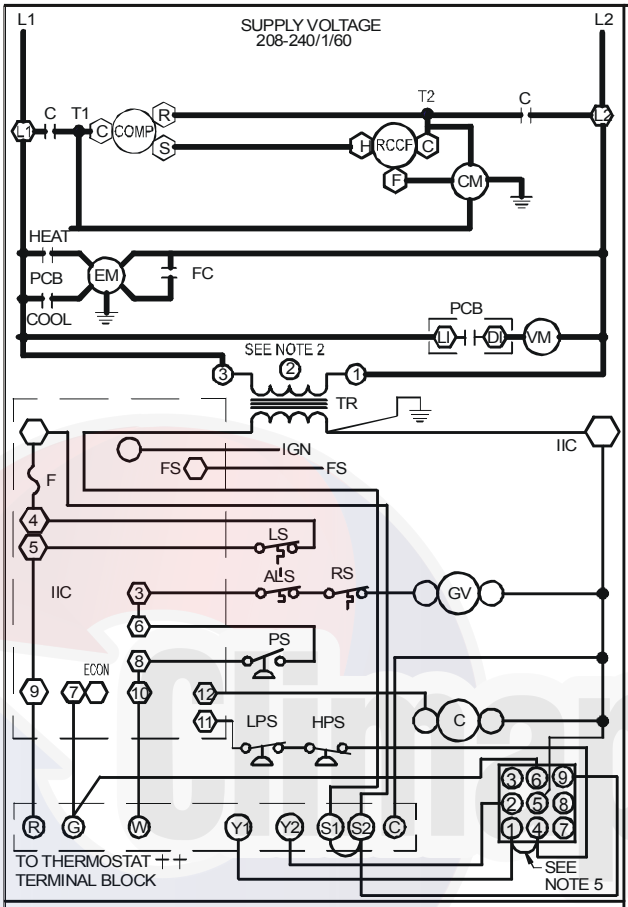
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
LPS	LOW PRESSURE SWITCH
PLF	FEMALE PLUG/CONNECTOR
RCCF	RUN CAPACITOR FOR CONDENSER FAN
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY
BC	BLOWER CAPACITOR

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD
   3 SPEED MOTOR
   RD - LOW SPEED
   BK - HIGH SPEED
   BL - MED. SPEED
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
6. PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 1).
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
8. TO RUN DIFFERENT SPEED FOR HEATING AND COOLING, DISCONNECT GEEEN JUMPER FROM "COOL" TERMINAL AND REPLACE WITH APPROPRIATE SPEED TAP. THEN PLACE DISCONNECTED END OF JUMPER ON "UNUSED" TERMINAL LEFT OPEN BY MOVING THE SPEED TAP.
9. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W1 ON THERMOSTAT.
   SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVERCURRENT PROTECTION.

208-240/1/60 0140L02898-A

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

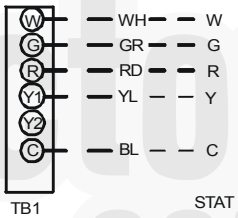
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

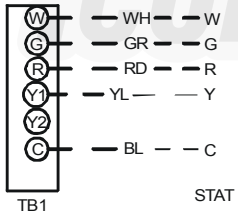
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

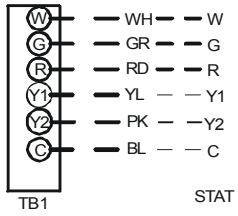
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING

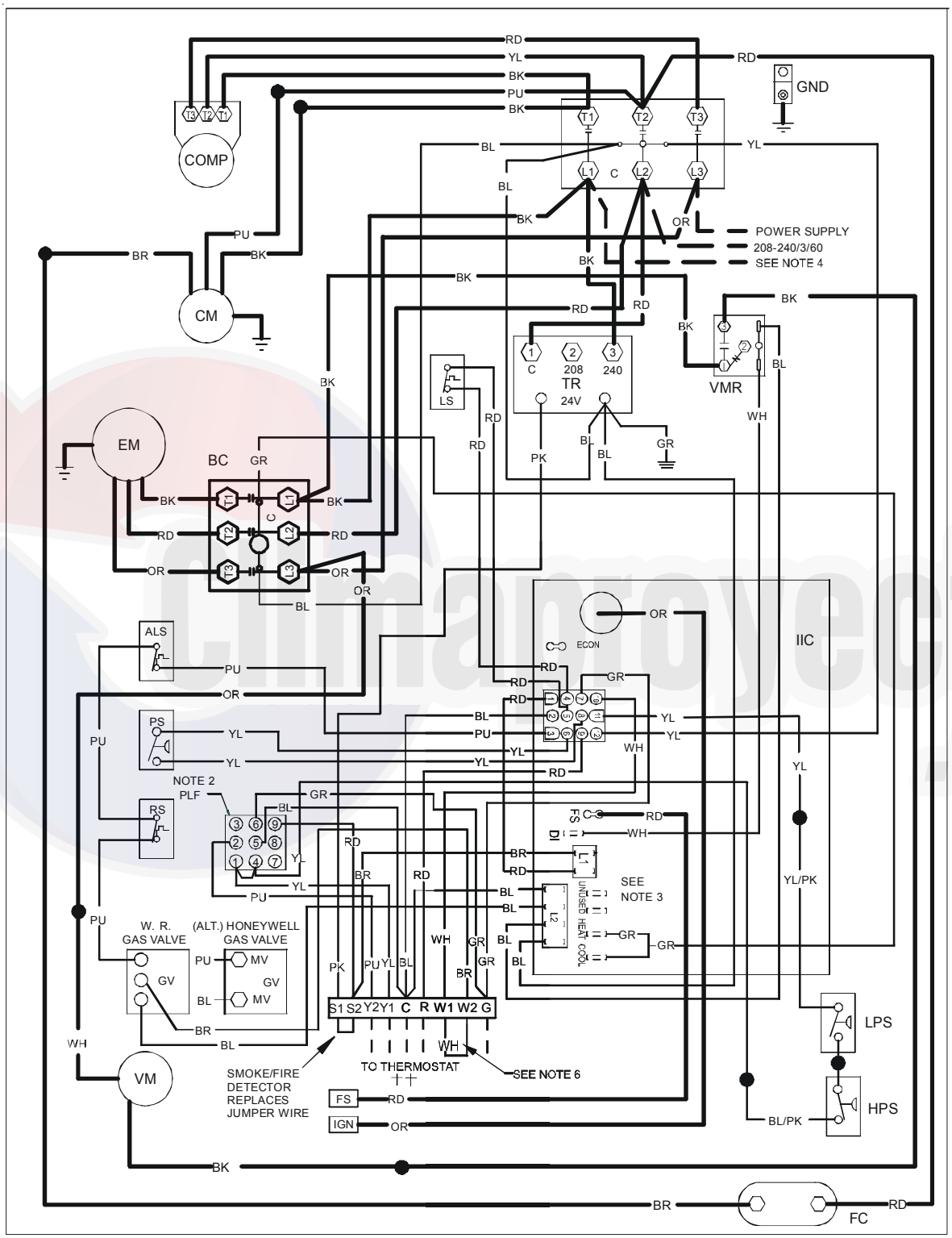


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG036-072XXX3BXXXA*

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

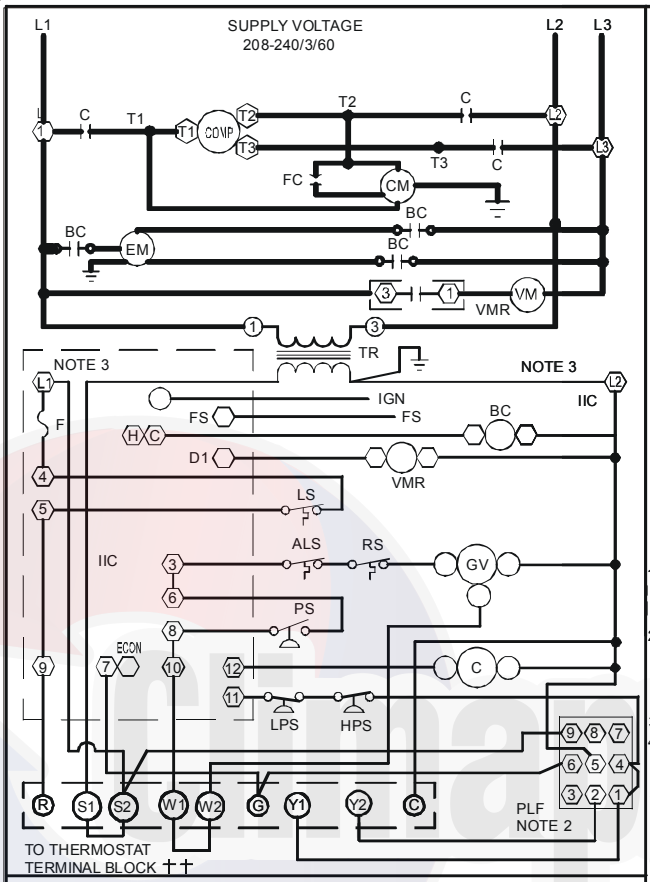


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG036-072XXX3BXXXA*

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
BC	BLOWER CONTACTOR
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IBR	INDOOR BLOWER RELAY
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

NOTES

1. **REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).**
2. **ACCESSORY ECONOMIZER PLUG ADJACENT** TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
5. FOR 208 VOLT TRANSFORMER OPERATION, MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
6. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

208-240/3/60 0140L02894-A

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

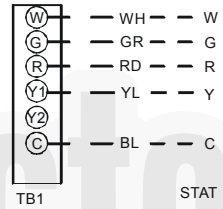
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

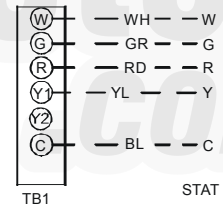
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

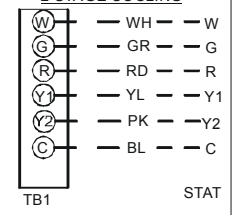
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING

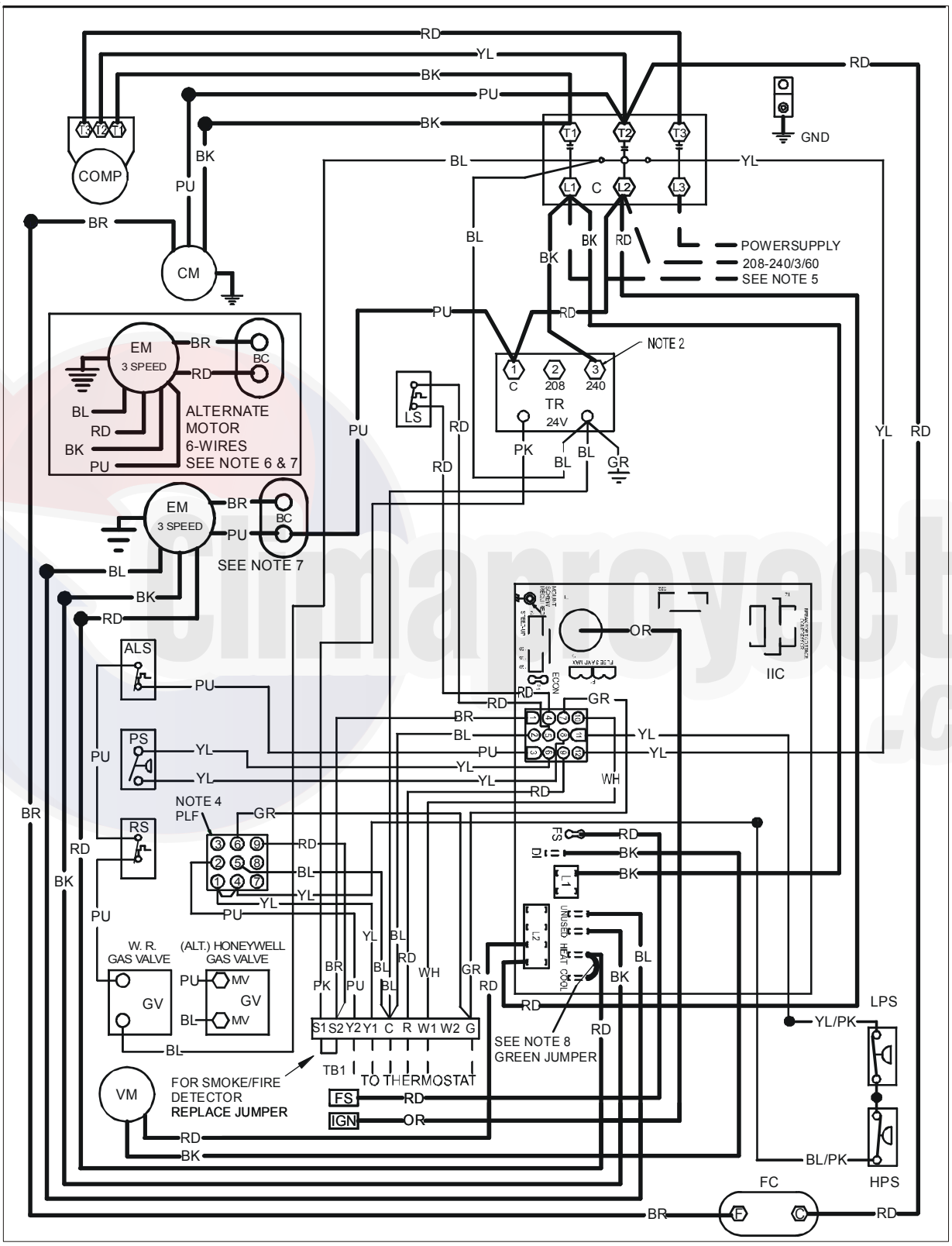


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG0360453DXXXA*

WARNING

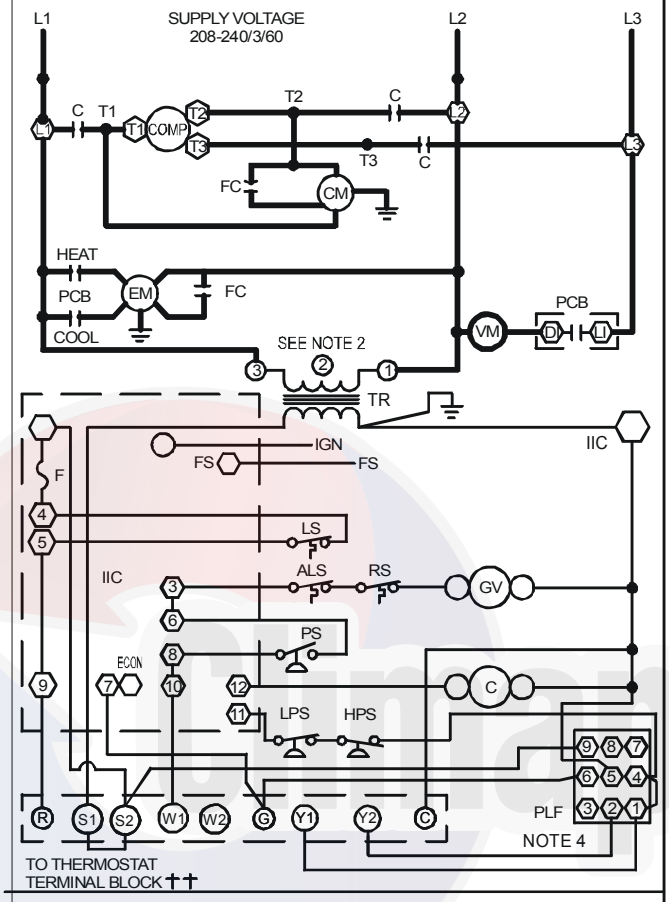
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
LPS	LOW PRESSURE SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY
BC	BLOWER CAPACITOR

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD
   3 SPEED MOTOR
   RD - LOW SPEED
   BL - MED. SPEED
   BK - HIGH SPEED
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY.
   †† USE NEC CLASS 2 WIRE.
6. PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 1).
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
8. TO RUN DIFFERENT SPEED FOR HEATING AND COOLING, DISCONNECT GEEEN JUMPER FROM "COOL" TERMINAL AND REPLACE WITH APPROPRIATE SPEED TAP. THEN PLACE DISCONNECTED END OF JUMPER ON "UNUSED" TERMINAL LEFT OPEN BY MOVING THE SPEED TAP.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVERCURRENT PROTECTION.

208-240/3/60 0140L02902-A

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

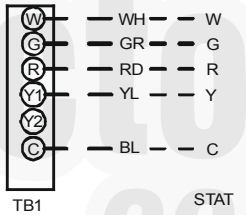
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

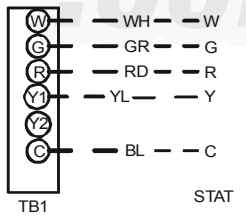
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ††

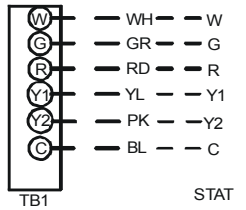
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING

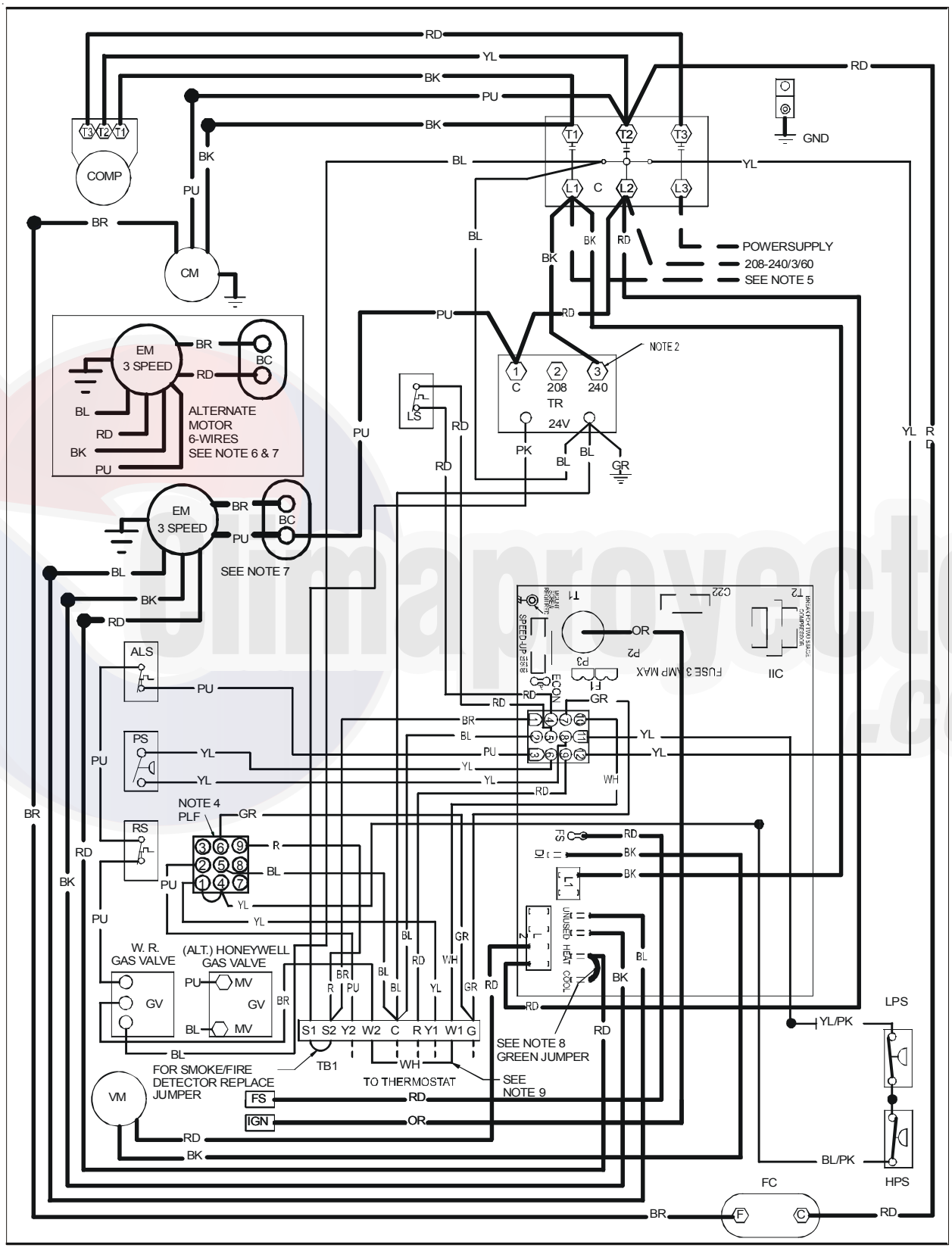


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG036-048XXX3DXXXA*

WARNING

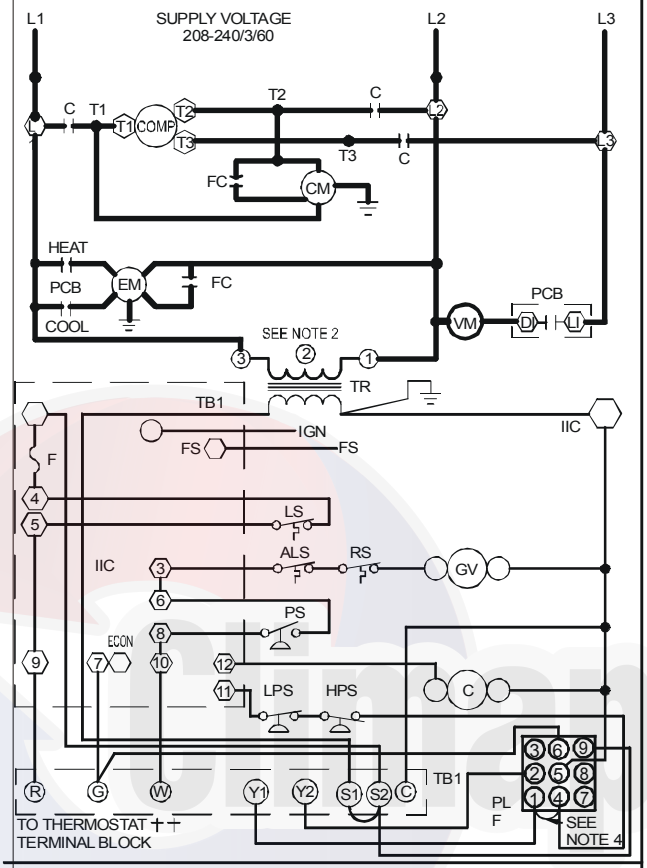
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
LPS	LOW PRESSURE SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY
BC	BLOWER CAPACITOR

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD
   3 SPEED MOTOR
   RD - LOW SPEED
   BL - MED. SPEED
   BK - HIGH SPEED
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
6. PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 1).
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
8. TO RUN DIFFERENT SPEED FOR HEATING AND COOLING, DISCONNECT GEEEN JUMPER FROM "COOL" TERMINAL AND REPLACE WITH APPROPRIATE SPEED TAP. THEN PLACE DISCONNECTED END OF JUMPER ON "UNUSED" TERMINAL LEFT OPEN BY MOVING THE SPEED TAP.
9. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W1 ON THERMOSTAT.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVERCURRENT PROTECTION.

208-240/3/60 0140L02899-A

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

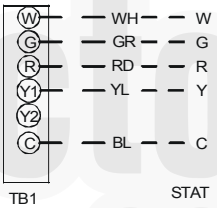
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

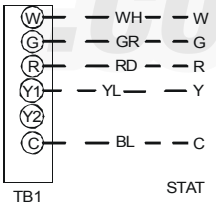
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

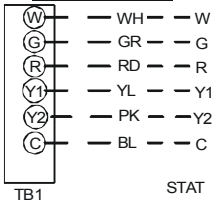
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING

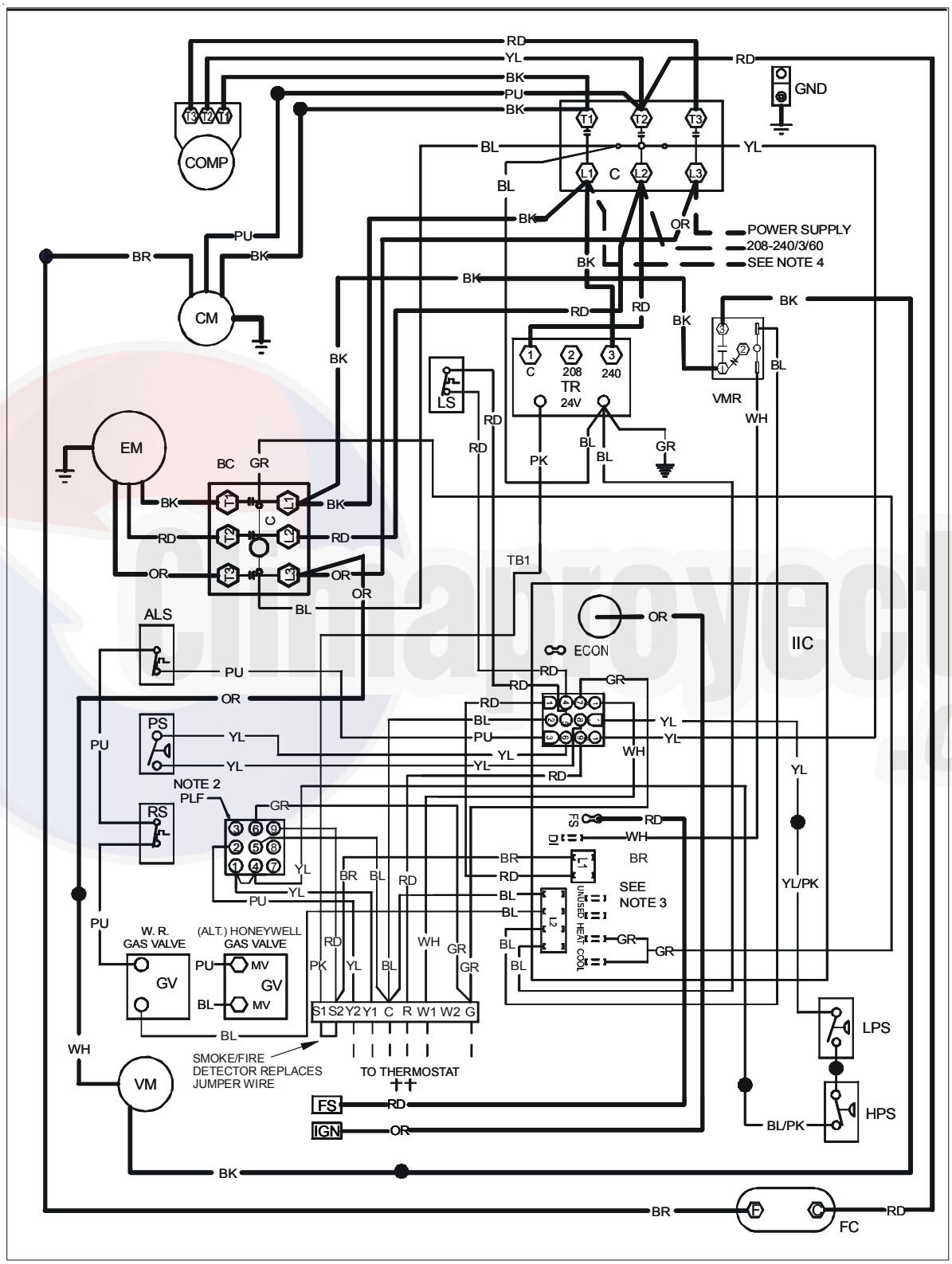


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG0360453BXXXA*

WARNING

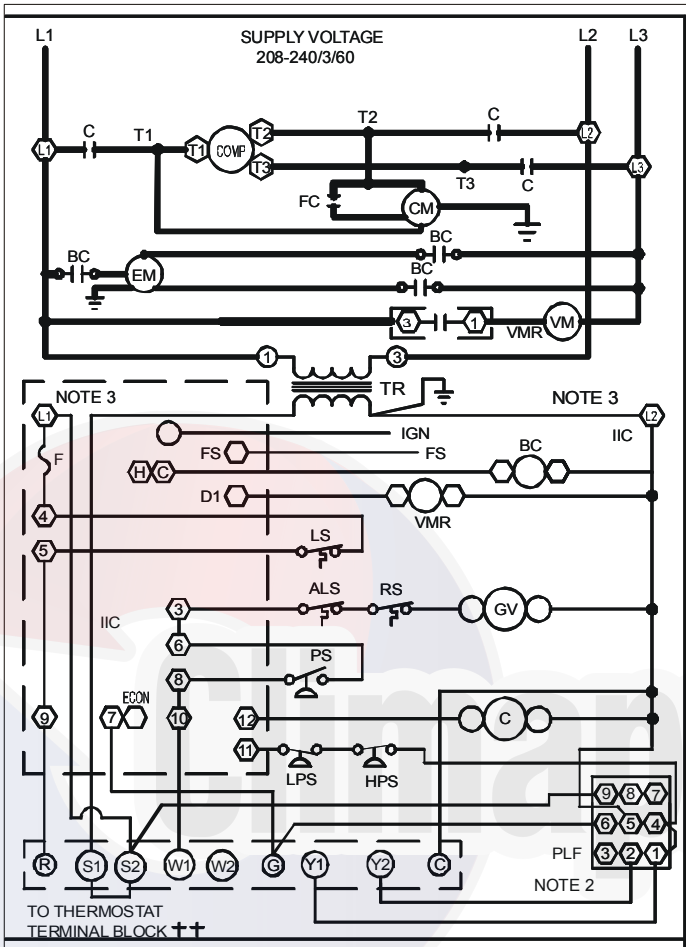
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
BC	BLOWER CONTACTOR
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IBR	INDOOR BLOWER RELAY
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
5. FOR 208 VOLT TRANSFORMER OPERATION, MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

208-240/3/60 0140L02901-A

FACTORY WIRING

LINE VOLTAGE
LOW VOLTAGE
OPTIONAL HIGH VOLTAGE

FIELD WIRING

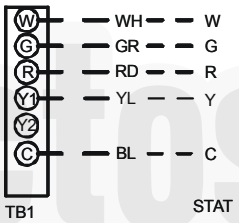
HIGH VOLTAGE
LOW VOLTAGE

WIRE CODE

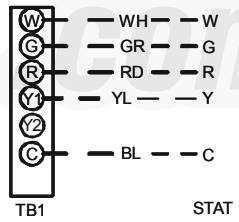
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

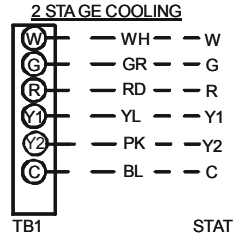
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING

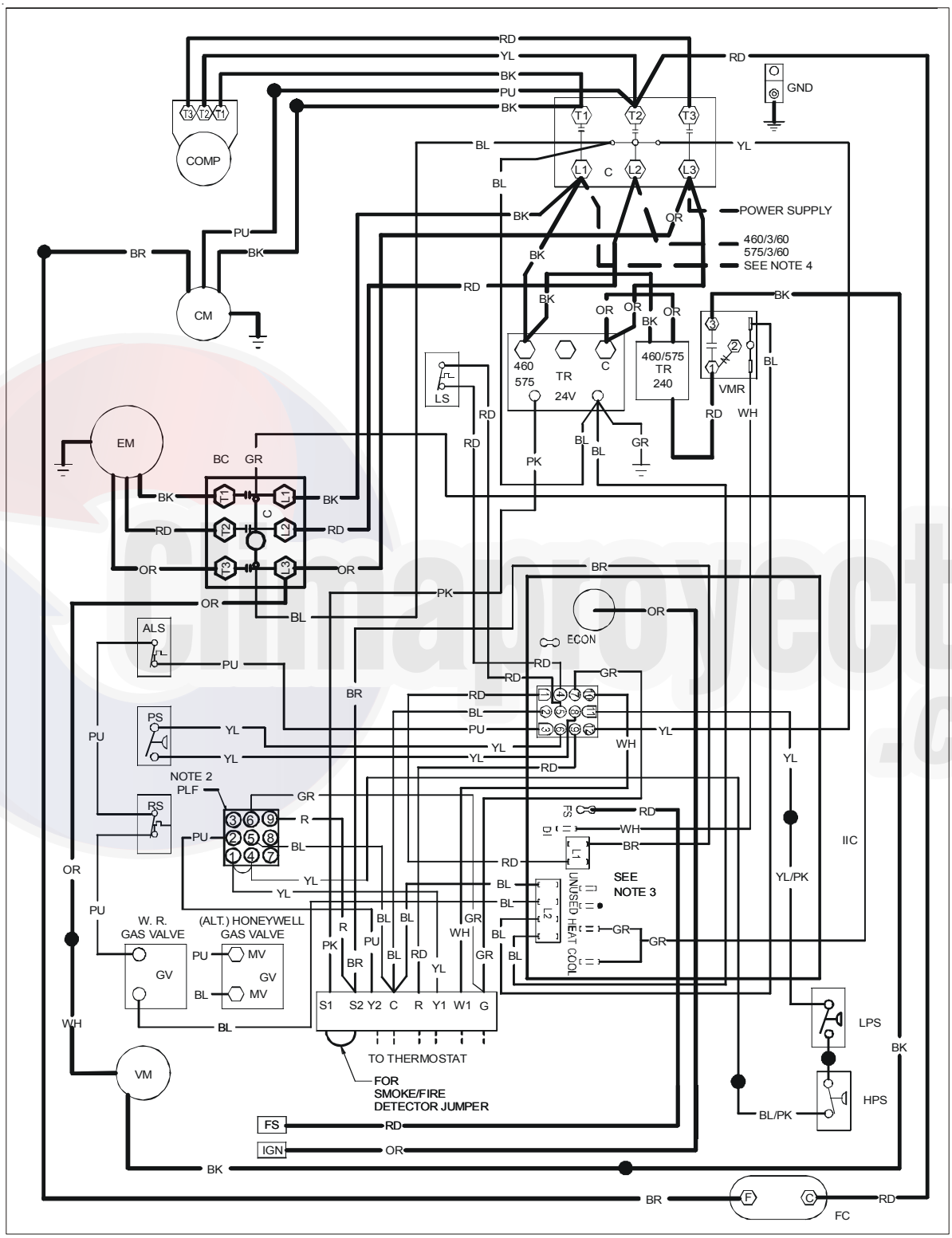


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG0360454BXXXA*

WARNING

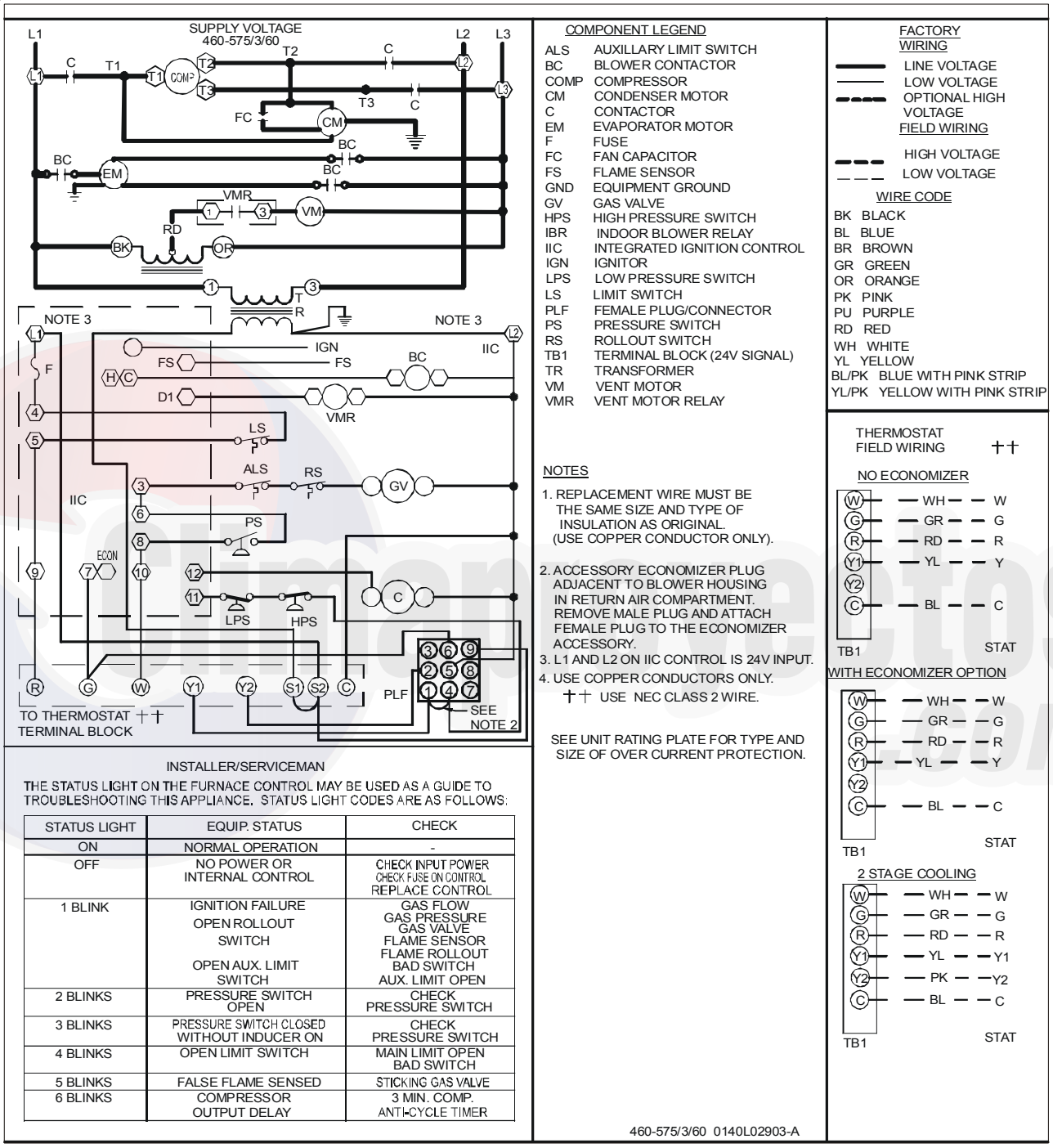
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
BC	BLOWER CONTACTOR
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IBR	INDOOR BLOWER RELAY
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTORS ONLY.

++ USE NEC CLASS 2 WIRE.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION.

460-575/3/60 0140L02903-A

FACTORY WIRING

- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

FIELD WIRING

- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

NO ECONOMIZER

WITH ECONOMIZER OPTION

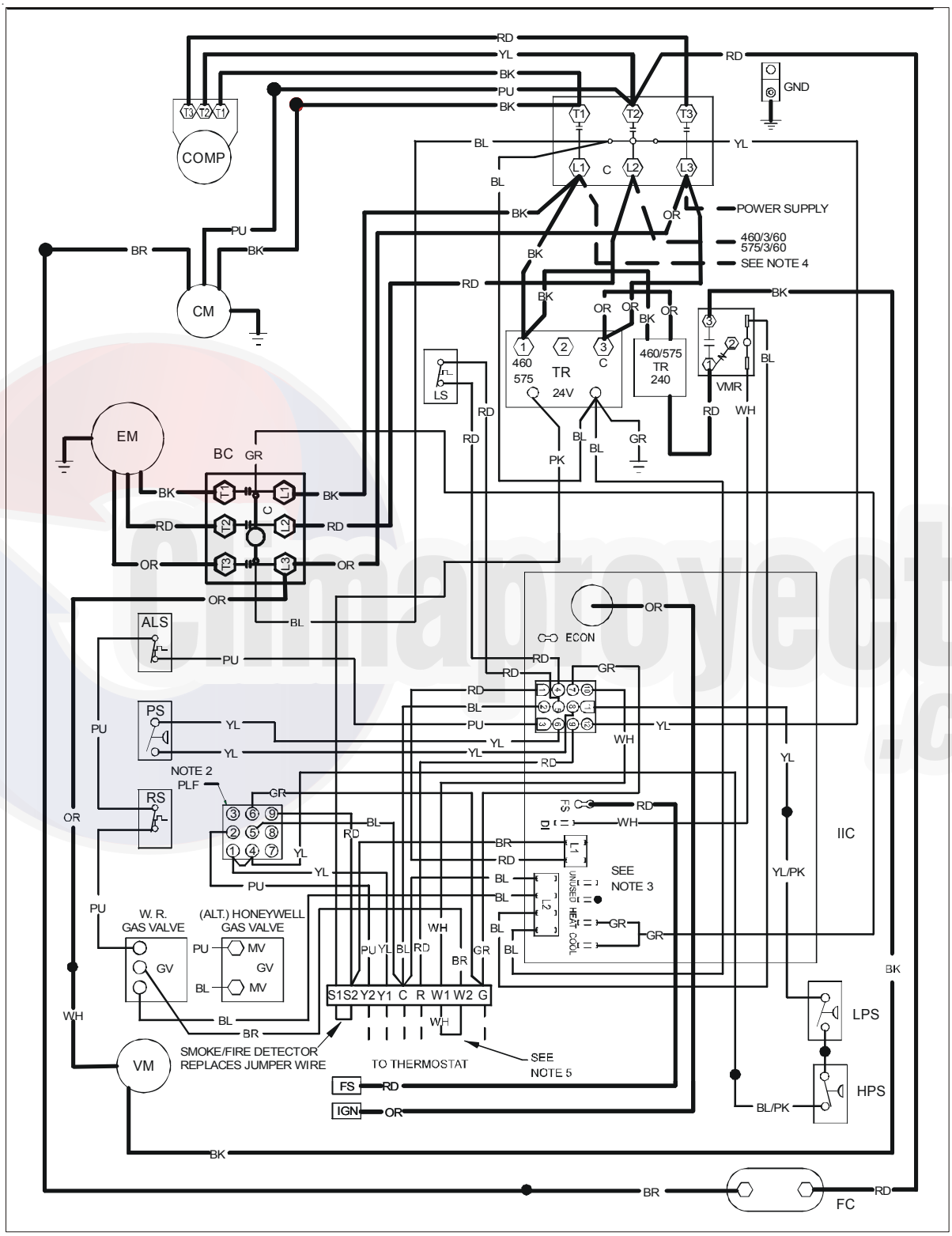
2 STAGE COOLING

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG036-072XXX[4-7]BXXXA*

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

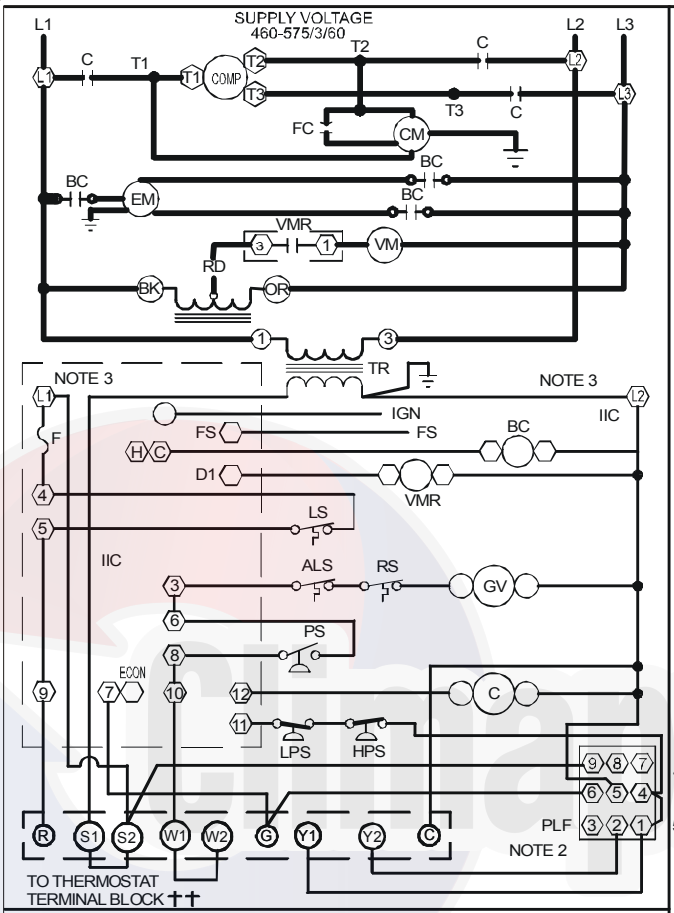


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG036-072XXX[4-7]BXXXA*

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
BC	BLOWER CONTACTOR
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IBR	INDOOR BLOWER RELAY
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTORS ONLY.
   †† USE NEC CLASS 2 WIRE.
5. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION.

460-575/3/60 0140L02895-A

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

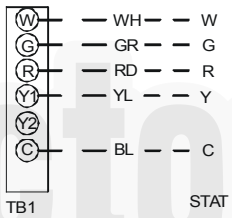
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

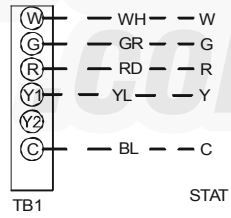
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ††

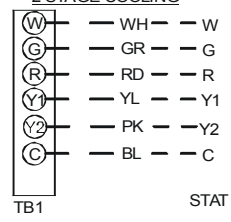
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

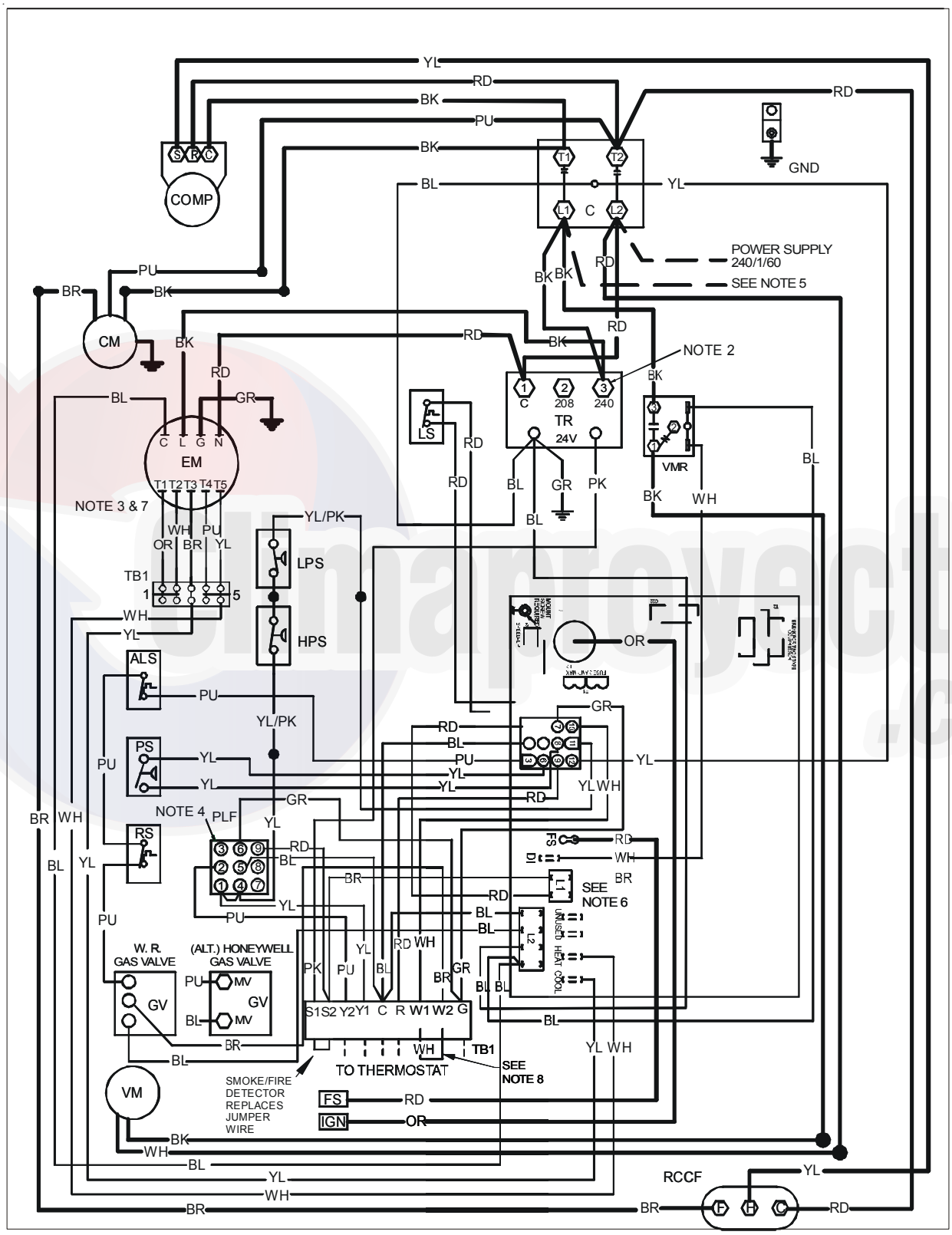
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH FALSE FLAME	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG060[090-140]1DXXXA*

WARNING

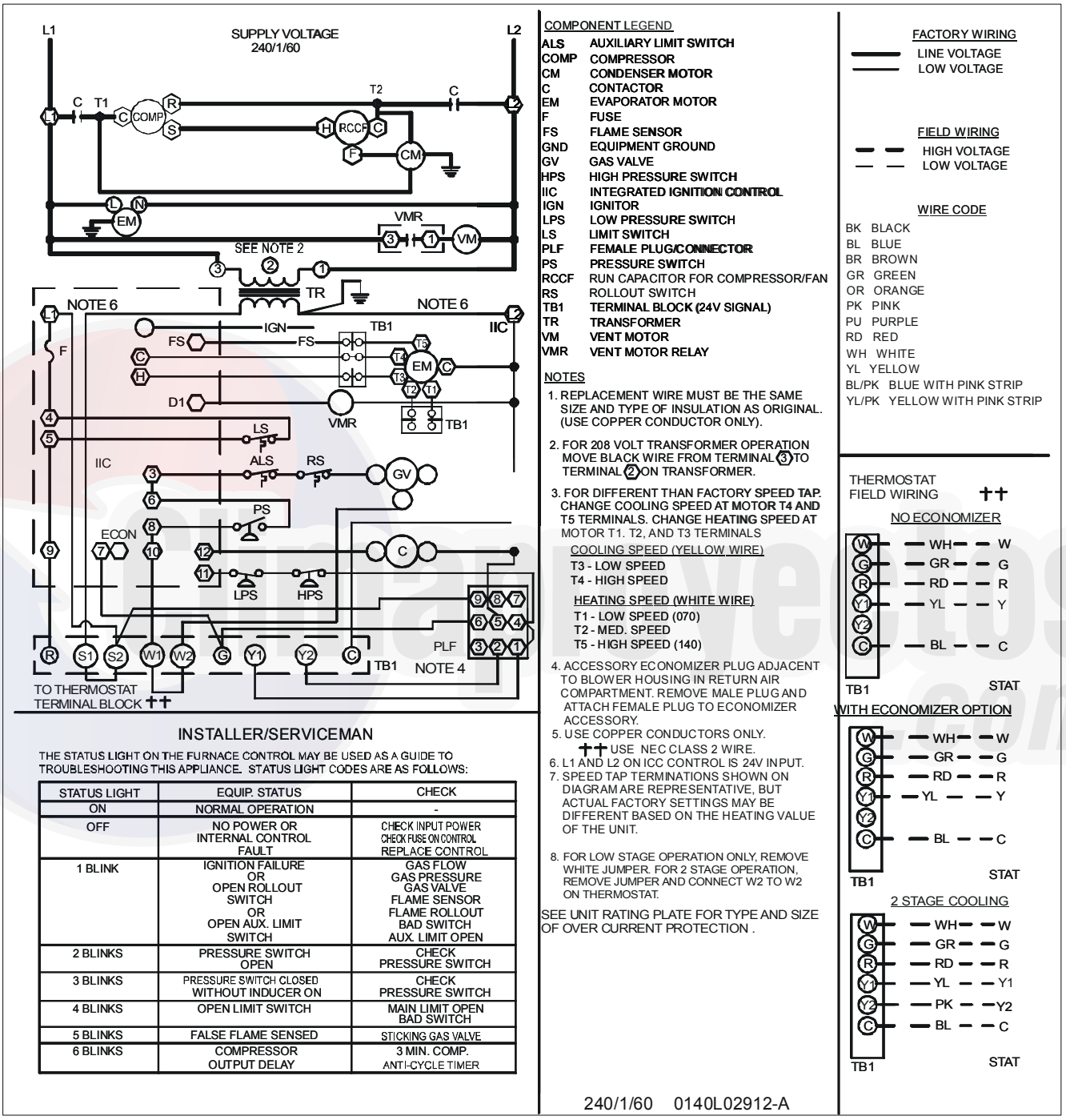
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RCCF	RUN CAPACITOR FOR COMPRESSOR/FAN
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT MOTOR T4 AND T5 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1. T2, AND T3 TERMINALS

   COOLING SPEED (YELLOW WIRE)
   T3 - LOW SPEED
   T4 - HIGH SPEED

   HEATING SPEED (WHITE WIRE)
   T1 - LOW SPEED (070)
   T2 - MED. SPEED
   T5 - HIGH SPEED (140)
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
6. L1 AND L2 ON ICC CONTROL IS 24V INPUT.
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTINGS MAY BE DIFFERENT BASED ON THE HEATING VALUE OF THE UNIT.
8. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION .

240/1/60 0140L02912-A

FACTORY WIRING
LINE VOLTAGE
LOW VOLTAGE

FIELD WIRING
HIGH VOLTAGE
LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

NO ECONOMIZER

WITH ECONOMIZER OPTION

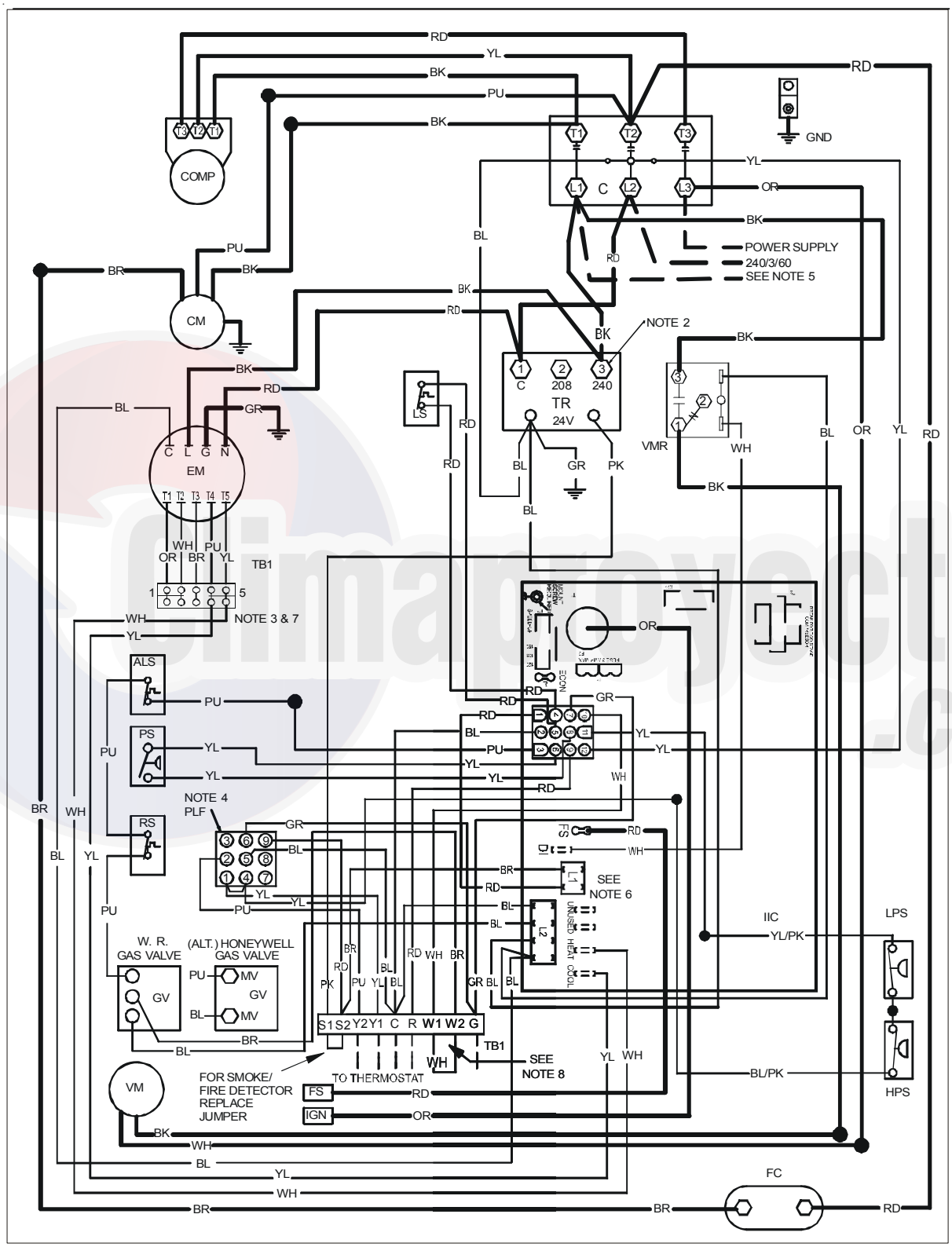
2 STAGE COOLING

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS DCG060XXX3DXXXA*

WARNING

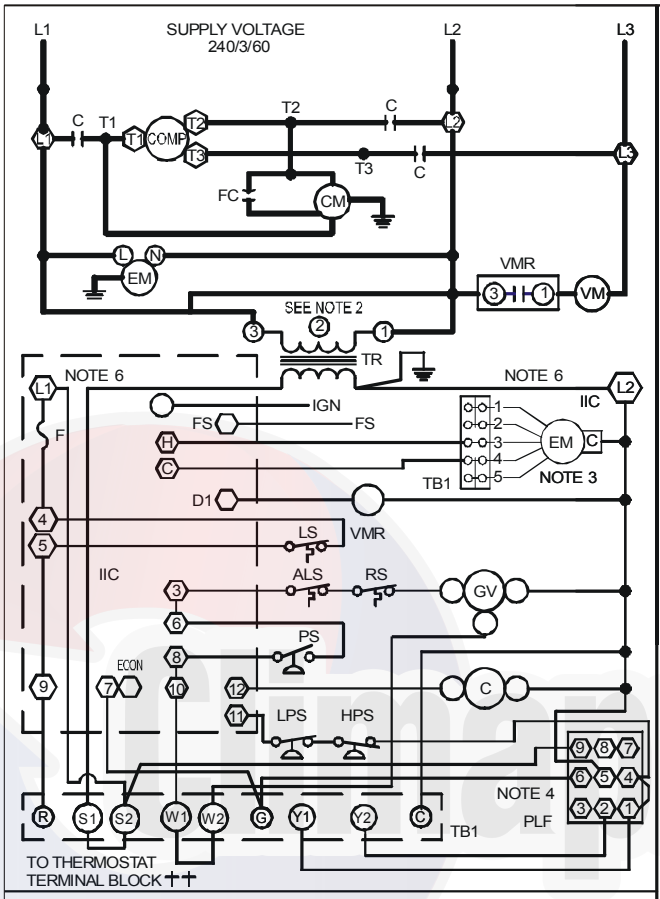
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
LPS	LOW PRESSURE SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRES FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT MOTOR T3 AND T4 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1. T2, AND T5 TERMINALS

   COOLING SPEED (YELLOW WIRE)
   T3 - LOW SPEED
   T4 - HIGH SPEED

   HEATING SPEED (WHITE WIRE)
   T1 - LOW SPEED (070)
   T2 - MED. SPEED
   T5 - HIGH SPEED (140)
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
6. L1 AND L2 ON ICC CONTROL IS 24V INPUT.
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTINGS MAY BE DIFFERENT BASED ON THE HEATING VALUE OF THE UNIT.
8. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

230/3/60 0140L02913-A

FACTORY WIRING
LINE VOLTAGE
LOW VOLTAGE

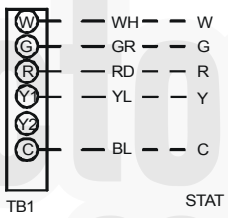
FIELD WIRING
HIGH VOLTAGE
LOW VOLTAGE

WIRE CODE

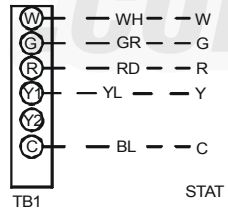
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

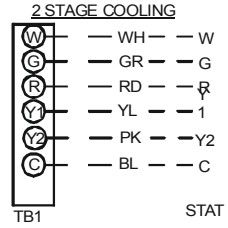
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

DCC/DCG/DCH ACCESSORIES	
14CURB3672B	3 - 6 Ton Daikin Commercial Unit Roof Curb 14" Tall
14CURB3672BNP	3 - 6 Ton Daikin Commercial Unit Roof Curb 14" Tall No Insulated Panels
DDNECNJ3672	Downflow Jade Economizer for Daikin 3-6 Ton Commercial Package Unit All Fuels
DDNECNJ3672NR	Downflow Jade Economizer for Daikin 3-6 Ton Commercial Package Unit All Fuels No Barometric Relief
DHZECNJ3672	3 - 6 Ton Horizontal Jade Economizer For Daikin Commercial Unit All Fuels
D25FD3672	3 - 6 Ton Daikin Commercial Unit 25% Manual Fresh Air Damper
D25MFD3672	3 - 6 Ton Daikin Commercial Unit 25% Motorized Fresh Air Damper
DPE36722	Power Exhaust 3-6 Daikin Commercial Unit 208/230v
DPE36724	Power Exhaust 3-6 Daikin Commercial Unit 460v
DPE36727	Power Exhaust 3-6 Daikin Commercial Unit 575v
IP3672	3 - 6 Ton Roof Curb Insulated Panels For Daikin Commercial Unit
DNBBS3672	3 - 6 Ton Burglar Bar Sleeves Includes Supply and Return For Daikin Commercial Package Unit
DBRD3672	Daikin/Goodman Barometric Relief Damper
CDK36	3 Ton Concentric Duct Kit
CDK36515	3 Ton Flush Mount Concentric Duct Kit w/ Filter
CDK36530	3 Ton Step Down Concentric Duct Kit
CDK36535	3 Ton Step Down Concentric Duct Kit w/ Filter
CDK4872	4 - 6 Ton Concentric Duct Kit
CDK4872515	4-6 Ton Flush Mount Concentric Duct Kit w/ Filter
CDK4872530	4-6 Ton Step Down Concentric Duct Kit
CDK4872535	4-6 Ton Step Down Concentric Duct Kit w/ Filter
DDNSQRD3616	3 Ton Downflow Square to Round Adapter 16" Round For Daikin Commercial Package Unit
DDNSQRD487218	4 -6 Ton Downflow Square to Round Adapter 18" Round for Daikin Commercial Package Unit
36DROP3672B	SUPPLY AND RETURN DROP TO FIT 3-6 TON DAIKIN COMMERCIAL PACKAGE UNIT
GHRC-1	Hurricane/Seismic Clips For Daikin Package Units
HAILGD03D	Hail Guard Kit 3 - 5 Tons
HAILGD04D	Hail Guard Kit - 6 Tons
SPKT01	Single Point Kit - Single Phase 3 -6 ton B Chassis only
SPKT02	Single Point Kit - Three Phase 3- 6 Ton Chassis only
LAKT01	Low Ambient Kit
EHK*-	Heater Kits
HSKT036*	High Static Kits for 3 Ton Belt Drive
HSKT048*	High Static Kits for 4 Ton Belt Drive
HSKT060*	High Static Kits for 5 Ton Belt Drive
HSKT072*	High Static Kits for 6 Ton Belt Drive
IRKT-01	Isolation Realy Kit - DCH only
GFCI	Convenience Outlet 3 -6 Ton Chassis only
FSK01A	Freeze Stat Kit
OT18-60A	Outdoor Thermostat - All models

** Complete listing of EHK kits listed on electrical data page in this manual

***NOTE: High static airflow requires installation of high static kit (HSKT*).