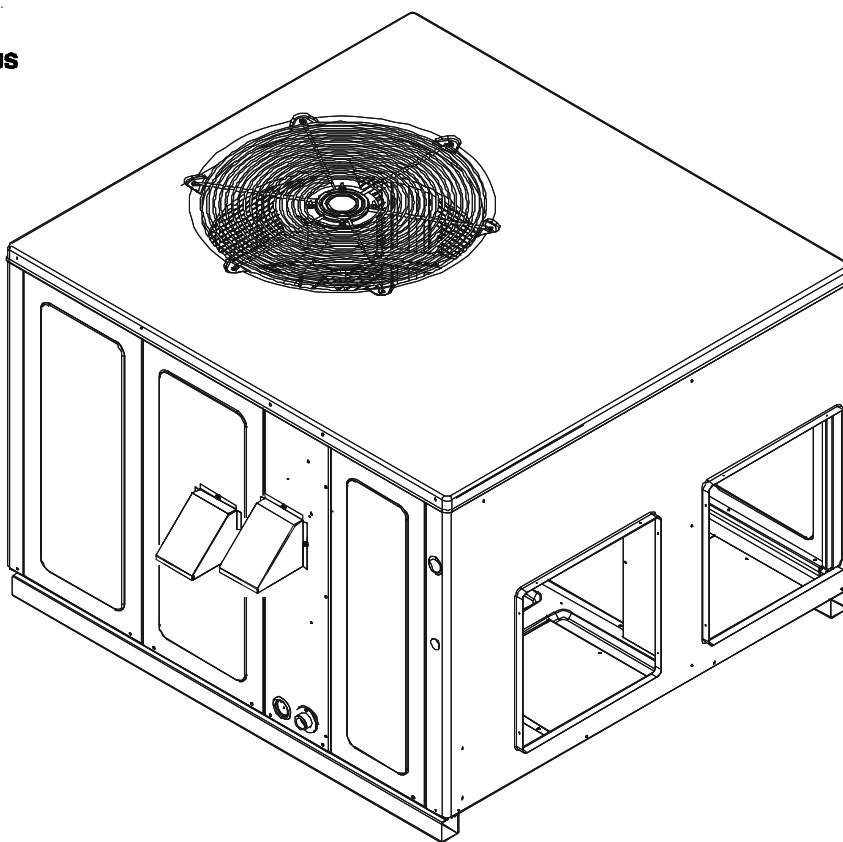


DAIKIN TECHNICAL MANUAL

DP 15 SEER Package Gas Units

- Refer to Service Manual RSD6300007 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 3.



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 or services performed by an unqualified person.

RTD6313001
July 2013

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	P	1 5	G	M	2 4	0 7 0	4	1	A	A	
Brand D - Daikin		Product Type P - Packaged		SEER 13 - 13 SEER 14 - Up to 14 SEER 15 - Up to 15 SEER		Unit Type G - Gas/Electric D - Dual Fuel		Configuration M - Multi-position H - Horizontal		Engineering Minor revision	
										Engineering Major revision	
										Voltage 1 - 208/230 V single phase 60 Hz 2 - 220/240 V single phase 50 Hz 3 - 208/230 V three phase 60 Hz 4 - 460 V three phase 60 Hz 5 - 380/415 V three phase 50 Hz	
										Refrigerant 4 - R-410A	
										Nominal Heat Input 045 45 MBTU/H 115 115 MBTU/H 070 70 MBTU/H 140 140 MBTU/H 090 90 MBTU/H	
										Tonnage Nominal 24 - 2 ton 42 - 3.5 ton 30 - 2.5 ton 48 - 4.0 ton 36 - 3 ton 60 - 5 ton	



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

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

PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. Please use these numbers when requesting service or parts information.

DP15GM2407041A*
DP15GM3009041A*
DP15GM3609041A*
DP15GM4211541A*
DP15GM4811541A*
DP15GM6014041A*

** Indicates minor revision & is not used for order entry or inventory management*



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 DESIGN

DP15GM Package Gas Units are designed for outdoor installations only in either residential or light commercial applications and are available in 2, 2-1/2, 3, 3-1/2, 4 & 5 ton sizes. They are designed for 208/230 volt single phase applications.

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.

A return air filter must be installed behind the return air grille(s) or provision must be made for a filter in an accessible location within the return air duct. 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.

A 3/4" pipe is provided for removal of condensate water from the indoor coil. (Do not reduce the drain line size).

Refrigerant flow control is achieved by use of a TXV or orifice.

DP15GM units use the FasTest Access Fitting System which consists of a saddle that is either soldered to the suction and liquid lines or is fastened with a locking nut to the access fitting box (core) 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.**

The single phase units use permanent split capacitors (PSC) design compressors. Starting components are therefore not required. A low MFD run capacitor assists the compressor to start and remains in the circuit during operation.

The DP15GM****41A* models are equipped with EEM blower motors. EEM motors are constant torque motors with very low power consumption and are energized by a 24V signal from the ignition control board. The EEM features an integrated control module.

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.

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

The DP15GM 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.

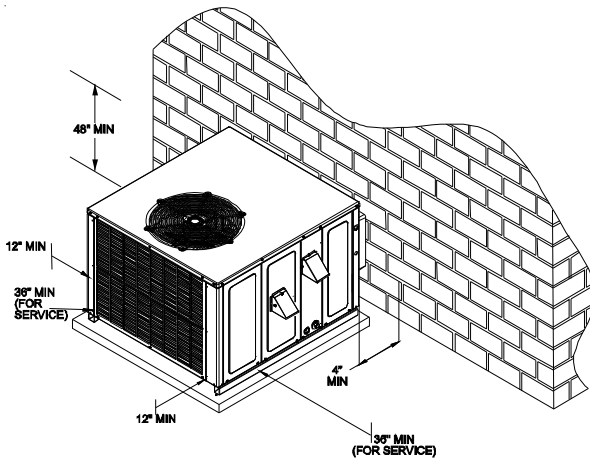
Some other models of the DP15GM series package units use a 2 stage scroll compressor. The basic scroll design has been modified with the addition of an internal unloading mechanism that opens a by-pass port in the first compression pocket, effectively reducing the displacement of the scroll. The opening and closing of the by-pass port is controlled by an internal electrically operated solenoid.

The ZPS modulated scroll uses a single step of unloading to go from full capacity to approximately 67% capacity. A single speed, high efficiency motor continues to run while the scroll modulates between the two capacity steps.

PRODUCT DESIGN

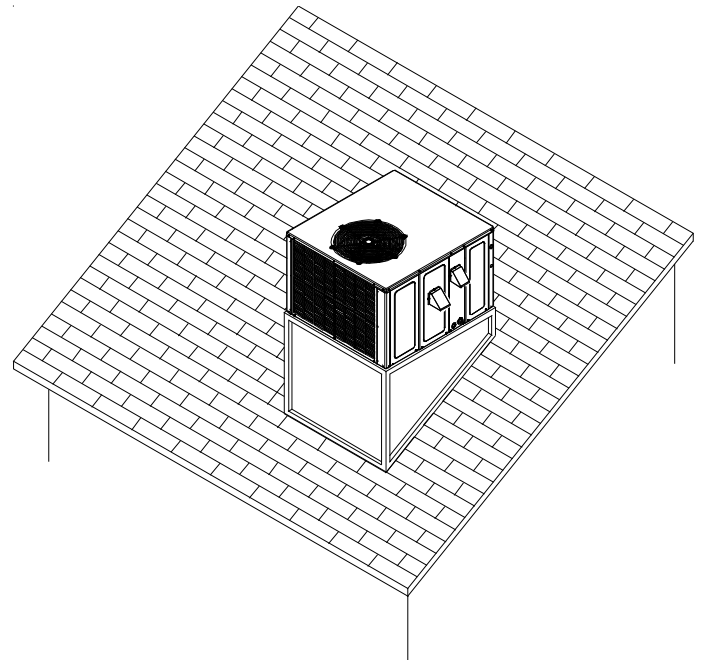
Location and Clearances

NOTE: To ensure proper condensate drainage, unit must be installed in a level position.



Outside Slab Installation

NOTE: 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.



Rooftop Installation

NOTE: To ensure proper condensate drainage, unit must be installed in a level position.

In 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 ANSI Z223.1.

NOTE: Unit can also use roof curb (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: If 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.

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 must be installed. As alti-

tude 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.

Use LPM-06 propane conversion kit for propane conversions at altitudes below 2000 feet. Natural gas installations below 2000 feet do not require a kit.

For propane conversions above 2000 feet, high altitude kit HA-02 is required in addition to LPM-06 propane conversion kit.

NATURAL GAS AND LP GAS INSTALLATIONS AT ALTITUDES > 2000 FT

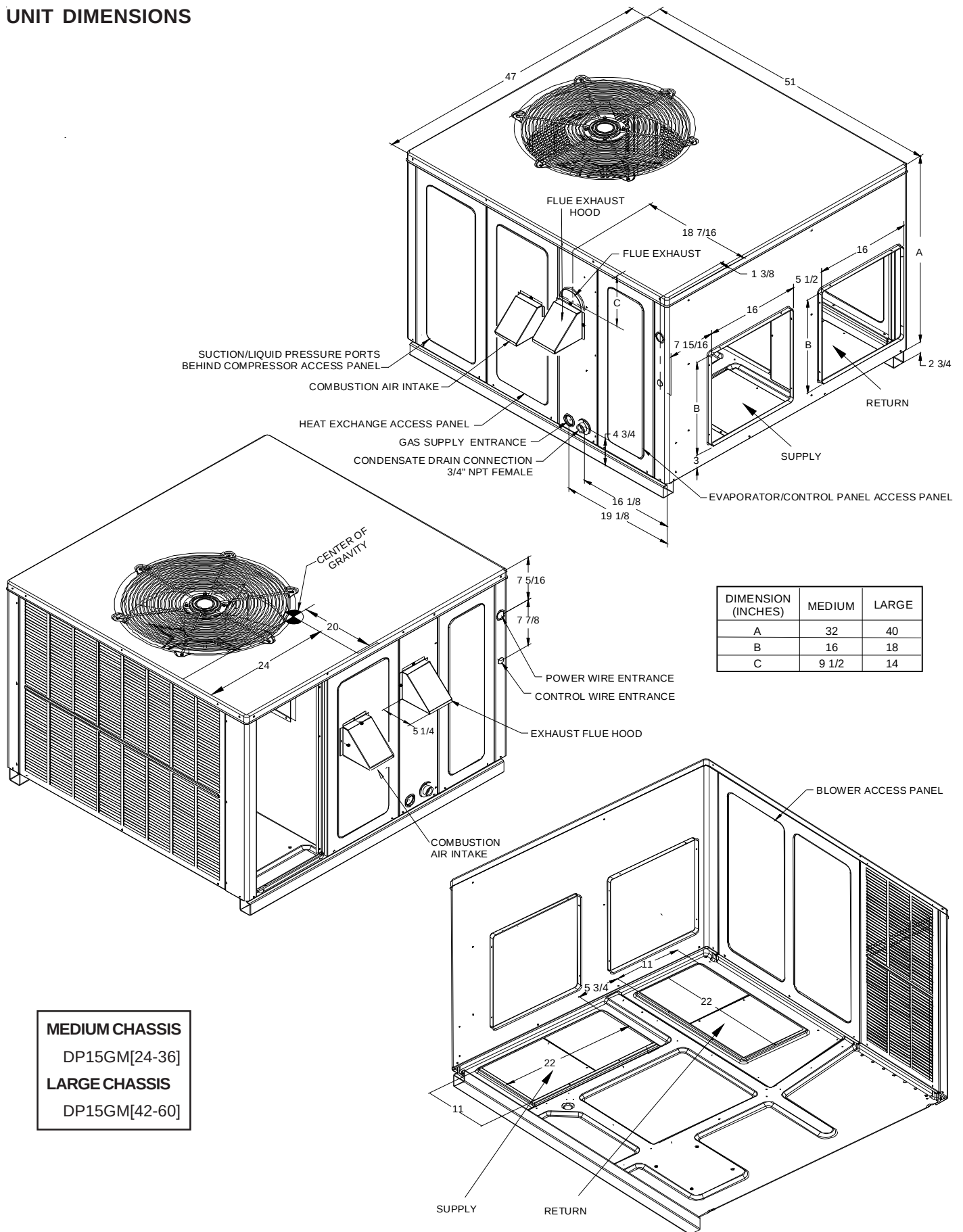
INPUT/BURNER	HIGH ALTITUDE KIT	20,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA02	45/55	47/55	47/56	-	47/56	48/57	48/58	49/58
CANADA BURNER ORIFICE		45/55	-	-	48/57	-	-	-	-

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	HA02	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	HA02	43/55	43/55	44/56	-	44/56	44/56	45/57	45/57
CANADA BURNER ORIFICE		43/55	-	-	46/57	-	-	-	-

PRODUCT DIMENSIONS

UNIT DIMENSIONS



MEDIUM CHASSIS

DP15GM[24-36]

LARGE CHASSIS

DP15GM[42-60]

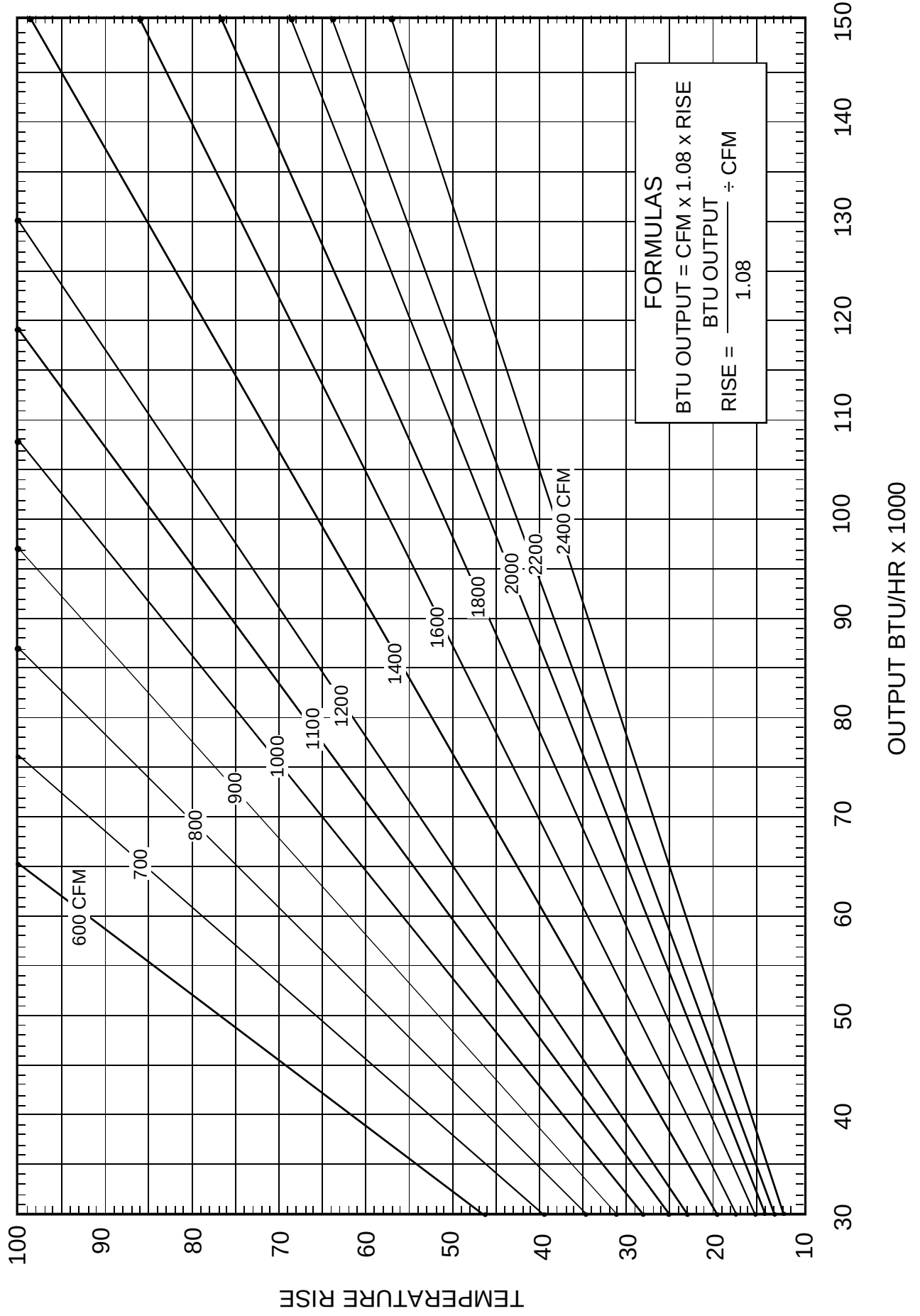
ACCESSORIES

DP13[C,G,H]M, DP14DM and DP15[G,H]M	
Part Number	Description
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
D14CRBPGCHMA	14" Curb Daikin-M Series Package Unit All Chassis
DDN25FDPGCHMM	Manual 25% M-Series Fresh Air Damper Downflow Application, Medium Chassis
DDN25FDPGCHML	Manual 25% M-Series Fresh Air Damper Downflow Application, Large Chassis
DDN25MFDPGCHMM	Motorized 25% M-Series Fresh Air Damper Downflow Application, Medium Chassis
DDN25MFDPGCHML	Motorized 25% M-Series Fresh Air Downflow Application, Large Chassis
DDNECNJPGMM	Downflow Jade Economizer Daikin M-Series Gas Package Unit, Medium Chassis
DDNECNJPGML	Downflow Jade Economizer Daikin M-Series Gas Package Unit, Large Chassis
DDNIFRPGA	Downflow Internal Filter Rack for Daikin M-Series Gas Package Unit
DHZ25FDPGCHMS	Manual 25% M-Series Fresh Air Damper Horizontal Application, Small Chassis
DHZ25FDPGCHMM	Manual 25% M-Series Fresh Air Damper Horizontal Application, Medium Chassis
DHZ25FDPGCHML	Manual 25% M-Series Fresh Air Damper Horizontal Application, Large Chassis
DHZ25MFDPGCHMS	Motorized 25% M-Series Fresh Air Damper Horizontal Application, Small Chassis
DHZ25MFDPGCHMM	Motorized 25% M-Series Fresh Air Damper Horizontal Application, Medium Chassis
DHZ25MFDPGCHML	Motorized 25% M-Series Fresh Air Damper Horizontal Application, Large Chassis
DHZEENJPGCHM	Horizontal Jade Economizer M-Series Package Unit All Fuels, Medium Chassis
DHZEENJPGCHL	Horizontal Jade Economizer M-Series Package Unit All Fuels, Large Chassis
DPHFRA	External Horizontal Filter Rack for Daikin M- and H-Series Package Units
HA-02	High Altitude Kit
LPM-06	Propane Conversion Kit
SQRPG101/102	Square to Round Adapter for M-Series Package Unit w/ 16" Round Downflow Application, Medium Chassis
SQRPG103	Square to Round Adapter for M-Series Package Unit w/ 18" Round Downflow Application, Large Chassis
SQRPGH101/102	Square to Round Adapter for M-Series Package Unit w/ 16" Round Horizontal Application, Small and Medium Chassis
SQRPGH103	Square to Round Adapter for M-Series Package Unit w/ 18" Round Horizontal Application, Large Chassis

NOTE: Complete lineup of thermostats can be found in the Thermostat Specification Sheets.

BLOWER PERFORMANCE DATA

BTU OUTPUT vs TEMPERATURE RISE CHART



PACKAGE GAS SPECIFICATIONS

DP15GM[24-36]***41A*

		DP15GM240704 1A*	DP15GM300904 1A*	DP15GM360904 1A*
COOLING CAPACITY	COOLING CAPACITY, BTUH			
	HIGH STAGE	23,200	29,000	35,000
	LOW STAGE	N/A	N/A	N/A
	SEER / EER	15.0 / 12.0	14.5 / 12.0	14.5 / 11.5
HEATING CAPACITY	BTUH INPUT (US) HIGH FIRE	69,000	92,000	92,000
	OUTPUT (US) HIGH FIRE (Natural Gas)	55,000	72,900	72,900
	OUTPUT (US) HIGH FIRE (LP)	55,000	72,900	72,900
	BTUH INPUT (US) LOW FIRE	52,000	69,000	69,000
	OUTPUT (US) LOW FIRE (Natural)	41,500	55,000	55,000
	OUTPUT (US) LOW FIRE (LP)	37,000	50,000	50,000
	A.F.U.E.	80	80	80
	RATED EXTERNAL STATIC ("w.c.)	0.50	0.50	0.50
	TEMPERATURE RISE (°F)	35-65	45-75	45-75
	PRESSURE SWITCH TRIP POINT ("w.c.)	-.33"	-.33"	-.33"
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	18.7	17.5	20.1
	MINIMUM CIRCUIT AMPACITY	22.1	21	24.2
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	30	35	40
HEATING SECTION	NUMBER OF BURNERS	3	4	4
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	Scroll	Scroll	Scroll
	RATED LOAD AMPS	13.5	14.1	16.7
	LOCKED ROTOR AMPS	58.3	73	79
CONDENSER FAN MOTOR	HORSEPOWER	1/6	1/4	1/4
	RPM	815	830	830
	FULL LOAD AMPS	1.10	1.5	1.5
	LOCKED ROTOR AMPS	1.7	3.0	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22
	NUMBER OF BLADES	3	3	3
	CFM	2400	2700	2700
CONDENSER COIL	FACE AREA - SQ. FT.	8.77	8.77	11.1
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	27	27	27
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - X-13	1/2 - X-13	1/2 - X-13
	FULL LOAD AMPS	3.9	1.86	1.86
	LOCKED ROTOR AMPS	N/A	N/A	N/A
	MOTOR SPEED TAP - COOLING	T4	T3, T4	T3, T4
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 8	10 x 9	10 x 9
	RATED SCFM COOLING	845	1050	1100
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33	4.33
	NUMBER OF ROWS	3	3	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	2.7	4.2	4.2
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	160	160	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	0.057	0.062	0.070
	REFRIGERANT CHARGE R-410A (Oz.)	77	73	84
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1 1/8	1 1/8	1 1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	445	448	514
	OPERATING WEIGHT LBS.	422	424	491

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

(3) 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

DP15GM[42-60]***41A*

		DP15GM4211541 A*	DP15GM4811541 A*	DP15GM6014041 A*
COOLING CAPACITY	COOLING CAPACITY, BTUH			
	HIGH STAGE	40,000	47,000	57,500
	LOW STAGE	N/A	33,000	41,000
	SEER / EER	15 / 12.0	14.5 / 11.5	14.2 / 10.1
HEATING CAPACITY	BTUH INPUT (US) HIGH FIRE	115,000	115,000	138,000
	OUTPUT (US) HIGH FIRE (Natural Gas)	91,200	91,200	110,200
	OUTPUT (US) HIGH FIRE (LP)	91,200	91,200	110,200
	BTUH INPUT (US) LOW FIRE	86,000	86,000	103,500
	OUTPUT (US) LOW FIRE (Natural)	69,000	69,000	83,000
	OUTPUT (US) LOW FIRE (LP)	62,000	62,000	74,000
	A.F.U.E.	80	80	80
	RATED EXTERNAL STATIC (" w.c.)	0.50	0.50	0.50
	TEMPERATURE RISE (°F)	45-75	45-75	45-75
	PRESSURE SWITCH TRIP POINT (" w.c.)	-.33"	-.33"	-.33"
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	23.7	25.7	40
	MINIMUM CIRCUIT AMPACITY	26.6	29.1	42.2
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	40	45	60
HEATING SECTION	NUMBER OF BURNERS	5	5	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	Scroll	Scroll	Scroll
	RATED LOAD AMPS	17.9	19.9	27.1
	LOCKED ROTOR AMPS	112	109	152.9
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4
	RPM	1075	1075	1075
	FULL LOAD AMPS	1.4	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9	5.2
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22
	NUMBER OF BLADES	3	3	4
	CFM	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	11.3	11.3	11.3
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	27	27	27
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	3/4 - X-13	3/4 - X-13	1 - X-13
	FULL LOAD AMPS	2.87	2.87	6.9
	LOCKED ROTOR AMPS	N/A	N/A	N/A
	MOTOR SPEED TAP - COOLING	T3, T4	T3, T4	T3, T4
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 x 10	11 x 10	11 x 10
	RATED SCFM COOLING	1250	1350	1300 / 1810
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	5.1	5.1	6.3
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	170	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	0.072	0.076	TXV
	REFRIGERANT CHARGE R-410A (Oz.)	102	103	100
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1 1/8	1 1/8	1 1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	517	519	523
	OPERATING WEIGHT LBS.	492	494	496

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

(3) 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

DP15GM[24-36]***41A*

DP15GM2407041** - Rise Range: 35° - 65° F												
E.S.P	T1			T2			T3		T4		T5	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	729	55	52	913	103	57	897	99	897	99	1047	139
0.2	680	63	57	864	111	61	848	107	848	107	998	146
0.3	631	71	62	815	119	64	799	115	799	115	948	154
0.4	582	79	X	766	127	X	750	123	750	123	899	162
0.5	532	87	X	717	135	X	701	131	701	131	850	170
0.6	---	---	---	667	143	X	652	139	652	139	801	178
0.7	---	---	---	---	---	---	---	---	---	---	---	---
0.8	---	---	---	---	---	---	---	---	---	---	---	---

DP15GM3009041** - Rise Range: 45° - 75° F												
E.S.P	T1			T2			T3		T4		T5	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1050	139	49	1256	220	55	1123	168	1123	168	1326	248
0.2	1006	147	52	1211	228	57	1079	176	1079	176	1282	256
0.3	961	154	54	1167	236	59	1034	183	1034	183	1237	263
0.4	916	162	57	1122	243	62	989	191	989	191	1192	271
0.5	872	170	60	1077	251	64	945	199	945	199	1148	279
0.6	827	178	63	1033	259	68	900	206	900	206	1103	287
0.7	782	185	69	988	267	70	855	214	855	214	---	---
0.8	738	193	72	---	---	---	811	222	811	222	---	---

DP15GM3609041** - Rise Range: 45° - 75° F												
E.S.P	T1			T2			T3		T4		T5	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1053	143	49	1257	236	55	1184	203	1184	203	1408	304
0.2	1007	151	52	1211	243	57	1138	210	1138	210	1362	311
0.3	961	158	54	1165	250	59	1092	217	1092	217	1315	319
0.4	915	165	57	1119	258	62	1046	225	1046	225	1269	326
0.5	869	173	60	1073	265	64	1000	232	1000	232	1223	334
0.6	823	180	63	1027	273	68	954	240	954	240	1177	341
0.7	777	188	69	980	280	70	908	247	908	247	---	---
0.8	731	195	72	---	---	---	862	255	862	255	---	---

X = Outside of Temperature Rise Range - Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

BLOWER PERFORMANCE DATA

DP15GM[42-60]***41A*

DP15GM4211541** - Rise Range: 45° - 75° F												
E.S.P	T1			T2			T3		T4		T5	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1090	150	52	1286	231	57	1354	260	1354	260	1609	365
0.2	1025	158	57	1225	239	61	1296	267	1296	267	1556	373
0.3	960	166	62	1165	247	64	1237	275	1237	275	1504	381
0.4	895	174	X	1105	255	X	1178	283	1178	283	1451	388
0.5	830	181	X	1045	262	X	1120	291	1120	291	1399	396
0.6	765	189	---	984	270	X	1061	299	1061	299	1347	404
0.7	699	197	---	924	278	---	1002	306	1002	306	1294	412
0.8	634	205	---	---	---	---	944	314	944	314	1242	420

DP15GM4811541** - Rise Range: 45° - 75° F												
E.S.P	T1			T2			T3		T4		T5	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1164	180	56	1435	293	61	1477	310	1477	310	1709	407
0.2	1100	188	59	1378	301	63	1421	318	1421	318	1659	414
0.3	1037	196	62	1322	309	65	1365	326	1365	326	1609	422
0.4	974	204	65	1265	316	68	1310	334	1310	334	1559	430
0.5	910	212	70	1208	324	70	1254	342	1254	342	1509	438
0.6	847	220	75	1152	332	73	1198	349	1198	349	1459	446
0.7	784	227	X	1095	340	X	1143	357	1143	357	1409	453
0.8	720	235	X	1038	348	X	1087	365	1087	365	---	---

DP15GM6014041** - Rise Range: 45° - 75° F												
E.S.P	T1			T2			T3		T4		T5	
	1 ST Stage Heating Speed			2 nd Stage Heating Speed			Cooling Speed		Cooling Speed		Cooling Speed	
	CFM	WATTS	RISE	CFM	WATTS	RISE	CFM	WATTS	CFM	WATTS	CFM	WATTS
0.1	1792	514	X	1792	514	58	1366	257	1939	603	2108	704
0.2	1743	522	45	1743	522	61	1317	265	1889	611	2058	713
0.3	1693	530	45	1693	530	61	1267	273	1840	619	2009	721
0.4	1644	538	46	1644	538	63	1218	281	1791	627	1960	729
0.5	1595	546	48	1595	546	65	1169	290	1742	635	1911	737
0.6	1546	554	50	1546	554	68	1120	298	1693	643	---	---
0.7	1496	563	52	1496	563	70	1071	306	1643	651	---	---
0.8	---	---	---	---	---	---	---	---	---	---	---	---

X = Outside of Temperature Rise Range - Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

COOLING PERFORMANCE DATA

DP15GM2407041A*

IDB* Airflow			Outdoor Ambient Temperature												105												115																				
			65						75						85						95																										
			Entering			Indoor			Wet Bulb			Temperature			Entering			Indoor			Wet Bulb			Temperature			Entering			Indoor			Wet Bulb			Temperature			Entering			Indoor			Wet Bulb		
59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	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	951	MBh	22.7	23.6	25.8	-	22.2	23.0	25.2	-	21.7	22.5	24.6	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-	18.6	19.3	21.1	-	18.6	19.3	21.1	-	18.6	19.3	21.1	-	18.6	19.3	21.1	-	18.6	19.3	21.1	-	
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	
		Delta T	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.8	1.5	1.2	-	1.7	1.5	1.1	-	1.6	1.4	1.1	-	1.6	1.4	1.1	-	1.6	1.4	1.1	-	1.6	1.4	1.1	-	1.6	1.4	1.1	-	1.6	1.4	1.1	-	
		KW	1.51	1.54	1.59	-	1.62	1.66	1.71	-	1.72	1.76	1.82	-	1.82	1.86	1.92	-	1.89	1.93	2.00	-	1.96	2.00	2.07	-	1.96	2.00	2.07	-	1.96	2.00	2.07	-	1.96	2.00	2.07	-	1.96	2.00	2.07	-	1.96	2.00	2.07	-	
		AMPS	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.5	8.7	8.9	-	9.0	9.2	9.4	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-	
	845	HIPR	227	244	257	-	254	274	289	-	289	311	328	-	329	354	374	-	370	399	421	-	409	440	465	-	409	440	465	-	409	440	465	-	409	440	465	-	409	440	465	-	409	440	465	-	
		LO PR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	137	145	159	-	137	145	159	-	137	145	159	-	137	145	159	-	137	145	159	-	137	145	159	-	
		MBh	22.1	22.9	25.1	-	21.6	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.2	-	18.1	18.7	20.5	-	18.1	18.7	20.5	-	18.1	18.7	20.5	-	18.1	18.7	20.5	-	18.1	18.7	20.5	-	18.1	18.7	20.5	-	
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
		Delta T	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	
	739	KW	1.49	1.53	1.57	-	1.61	1.64	1.70	-	1.71	1.75	1.80	-	1.80	1.84	1.90	-	1.88	1.92	1.98	-	1.94	1.99	2.05	-	1.94	1.99	2.05	-	1.94	1.99	2.05	-	1.94	1.99	2.05	-	1.94	1.99	2.05	-	1.94	1.99	2.05	-	
		AMPS	7.0	7.1	7.3	-	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.4	8.6	8.9	-	8.9	9.1	9.3	-	9.4	9.6	9.8	-	9.4	9.6	9.8	-	9.4	9.6	9.8	-	9.4	9.6	9.8	-	9.4	9.6	9.8	-	9.4	9.6	9.8	-	
		HIPR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	395	417	-	405	436	460	-	405	436	460	-	405	436	460	-	405	436	460	-	405	436	460	-	405	436	460	-	
		LO PR	108	115	126	-	114	122	133	-	119	126	138	-	125	133	145	-	131	139	152	-	135	144	157	-	135	144	157	-	135	144	157	-	135	144	157	-	135	144	157	-	135	144	157	-	
Delta T		1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.8	1.6	1.2	-	1.9	1.6	1.2	-	1.8	1.6	1.2	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-	1.7	1.5	1.1	-		
75	951	KW	1.64	1.67	1.72	1.78	1.74	1.78	1.84	1.90	1.83	1.87	1.93	2.00	1.86	1.90	1.96	2.03	1.91	1.95	2.02	2.08	1.98	2.02	2.09	2.16	1.98	2.02	2.09	2.16	1.98	2.02	2.09	2.16	1.98	2.02	2.09	2.16	1.98	2.02	2.09	2.16	1.98	2.02	2.09	2.16	
		AMPS	7.1	7.2	7.4	7.6	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3	9.5	9.7	10.0	10.3	
		HIPR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	443	413	445	470	490	413	445	470	490	413	445	470	490	413	445	470	490	413	445	470	490	413	445	470	490	
		LO PR	110	117	128	136	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171	138	147	160	171	138	147	160	171	138	147	160	171	138	147	160	171	138	147	160	171	
		Delta T	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	2.1	1.9	1.6	1.1	
	845	KW	1.51	1.54	1.59	1.64	1.62	1.66	1.71	1.77	1.72	1.76	1.82	1.88	1.82	1.86	1.92	1.98	1.89	1.93	2.00	2.07	1.96	2.00	2.07	2.14	1.96	2.00	2.07	2.14	1.96	2.00	2.07	2.14	1.96	2.00	2.07	2.14	1.96	2.00	2.07	2.14	1.96	2.00	2.07	2.14	
		AMPS	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.7	8.5	8.7	8.9	9.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2	9.4	9.6	9.9	10.2	
		HIPR	227	244	257	269	254	274	289	301	289	311	329	343	329	354	374	390	370	399	421	439	409	441	465	485	409	441	465	485	409	441	465	485	409	441	465	485	409	441	465	485	409	441	465	485	
		LO PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	140	153	163	137	145	159	169	137	145	159	169	137	145	159	169	137	145	159	169	137	145	159	169	137	145	159	169	
		Delta T	2.1	1.9	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	
	739	KW	1.47	1.50	1.55	1.60	1.58	1.62	1.67	1.72	1.68	1.72	1.77	1.83	1.77	1.81	1.87	1.93	1.84	1.89	1.95	2.01	1.91	1.95	2.02	2.09	1.91	1.95	2.02	2.09	1.91	1.95	2.02	2.09	1.91	1.95	2.02	2.09	1.91	1.95	2.02	2.09	1.91	1.95	2.02	2.09	
		AMPS	6.9	7.0	7.2	7.4	7.3	7.5	7.7	7.9	7.9	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.8	8.9	9.2	9.5	9.2	9.4	9.7	10.0	9.2	9.4	9.7	10.0	9.2	9.4	9.7	10.0	9.2	9.4	9.7	10.0	9.2	9.4	9.7	10.0	9.2	9.4	9.7	10.0	
		HIPR	220	237	250	260	247	265	280	292	280	302	319	332	319	344	363	379	359	387	408	426	426	439	467	487	426	439	467	487	426	439	467	487	426	439	467	487	426	439	467	487	426	439	467	487	
		LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164	132	141	154	164	132	141	154	164	132	141	154	164	132	141	154	164	132	141	154	164	
Delta T		2.1	1.9	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1	2.0	1.6	1.1	2.1																	

COOLING PERFORMANCE DATA

DP15GM2407041A*

MODEL: DP15GM2407041A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																									
		65				75				85				95				105				115					
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		
	951	Entering Indoor Wet Bulb Temperature																									
		MBh	23.5	24.0	25.7	27.5	23.0	23.5	25.1	26.8	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.5	20.8	21.2	22.7	24.3	19.3	19.7	21.0	22.5	
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64	
		Delta T	23	21	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	21	19	15	19	19	17	14	
		KW	1.53	1.56	1.61	1.66	1.65	1.68	1.74	1.80	1.75	1.79	1.85	1.91	1.85	1.89	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.11	2.18	
		AMPS	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	
		HIPR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495	
		LO PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172	
		MBh	22.8	23.3	24.9	26.7	22.3	22.8	24.4	26.0	21.8	22.3	23.8	25.4	21.3	21.7	23.2	24.8	20.2	20.6	22.0	23.6	18.7	19.1	20.4	21.8	
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61	
80		Delta T	23	22	19	15	23	22	20	16	23	22	20	16	23	23	20	16	22	22	19	16	20	21	18	14	
		KW	1.52	1.55	1.60	1.65	1.64	1.67	1.73	1.78	1.74	1.78	1.84	1.90	1.83	1.87	1.93	2.00	1.91	1.95	2.02	2.08	1.98	2.02	2.09	2.16	
		AMPS	7.1	7.2	7.4	7.7	7.6	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	
		HIPR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	444	413	445	470	490	
		LO PR	110	117	128	136	117	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171	
		MBh	21.1	21.5	23.0	24.6	20.6	21.0	22.5	24.0	20.1	20.5	21.9	23.5	19.6	20.0	21.4	22.9	18.6	19.0	20.3	21.7	17.3	17.6	18.8	20.1	
		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59	
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
		KW	1.48	1.51	1.56	1.61	1.60	1.63	1.68	1.74	1.70	1.73	1.79	1.85	1.78	1.82	1.88	1.95	1.86	1.90	1.96	2.03	1.93	1.97	2.03	2.10	
		AMPS	6.9	7.1	7.3	7.5	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.5	8.8	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.7	10.1	
739		HIPR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	391	412	430	401	432	456	475	
		LO PR	107	114	124	132	113	120	131	140	118	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	

85	MBh	23.9	24.4	25.6	27.3	23.4	23.8	25.0	26.6	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.2	21.6	22.6	24.1	19.6	20.0	20.9	22.3	19.6	20.0	20.9	22.3	23.6	25.0
	S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83	1.00	1.00	1.00	1.00	1.00	1.00
	Delta T	23	23	22	19	23	23	22	19	22	23	22	19	22	22	22	19	20	21	22	19	19	19	20	18	19	19	20	18	15	12
	KW	1.54	1.58	1.63	1.68	1.66	1.70	1.75	1.81	1.77	1.81	1.87	1.93	1.86	1.90	1.97	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.20	2.01	2.05	2.12	2.19	2.26	2.33
	AMPS	7.2	7.3	7.5	7.8	7.7	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.7	8.9	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	9.7	9.9	10.2	10.5	10.8	11.1
951	HIPR	233	251	265	277	262	282	298	310	298	321	339	353	339	365	386	402	382	411	434	452	422	454	479	500	422	454	479	500	523	546
	LO PR	113	120	131	139	119	126	138	147	124	131	144	153	130	138	151	161	136	145	158	168	141	150	163	174	141	150	163	174	187	198
	MBh	23.2	23.7	24.8	26.5	22.7	23.1	24.2	25.9	22.2	22.6	23.7	25.2	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.7	19.0	19.4	20.3	21.7	23.0	24.3
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.79	1.00	1.00
	Delta T	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	22	23	23	20	21	21	22	19	21	21	22	19	16	13
845	KW	1.53	1.56	1.61	1.66	1.65	1.68	1.74	1.80	1.75	1.79	1.85	1.91	1.85	1.89	1.95	2.01	1.92	1.97	2.03	2.10	1.99	2.04	2.11	2.18	1.99	2.04	2.11	2.18	2.25	2.32
	AMPS	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.2	8.2	8.3	8.6	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	9.6	9.8	10.1	10.4	10.7	11.0
	HIPR	231	249	263	274	259	279	295	307	295	317	335	350	336	362	382	398	378	407	430	448	418	449	475	495	418	449	475	495	518	541
	LO PR	111	119	129	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	156	167	139	148	162	172	139	148	162	172	187	198
	MBh	21.5	21.9	22.9	24.4	21.0	21.4	22.4	23.9	20.5	20.9	21.8	23.3	20.0	20.3	21.3	22.7	19.0	19.3	20.2	21.6	17.6	17.9	18.7	20.0	17.6	17.9	18.7	20.0	21.3	22.6
739	S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.76	1.00	1.00
	Delta T	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19	22	22	22	19	16	13
	KW	1.49	1.53	1.57	1.62	1.61	1.64	1.70	1.75	1.71	1.75	1.80	1.86	1.80	1.84	1.90	1.96	1.88	1.92	1.98	2.05	1.94	1.99	2.05	2.12	1.94	1.99	2.05	2.12	2.19	2.26
	AMPS	7.0	7.1	7.3	7.5	7.4	7.6	7.8	8.0	8.0	8.1	8.4	8.6	8.4	8.6	8.9	9.1	8.9	9.1	9.3	9.7	9.3	9.5	9.8	10.2	9.3	9.5	9.8	10.2	10.5	10.8
	HIPR	224	241	255	266	252	271	286	298	286	308	325	339	326	351	370	386	367	395	417	435	405	436	460	480	405	436	460	480	503	526
85	LO PR	108	115	126	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	135	144	157	167	180	193

* Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction access fittings.
NOTE: Shaded area is AHRI Rating Conditions
KW = Total system power
AMPS: Unit amps (comp.+ evaporator+ condenser fan motors)

COOLING PERFORMANCE DATA

DP15GM3009041A*

IDB* Airflow			Outdoor Ambient Temperature												105												115																				
			65						75						85						95						105						115														
			Entering Indoor Wet Bulb Temperature												Entering Indoor Wet Bulb Temperature												Entering Indoor Wet Bulb Temperature												Entering Indoor Wet Bulb Temperature								
59	63	67	71	59	63	67	71	59	63	67	71	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	1125	MBh	28.9	30.0	32.8	-	28.2	29.3	32.1	-	27.6	28.6	31.3	-	26.9	27.9	30.5	-	25.5	26.5	29.0	-	23.7	24.5	26.9	-	23.7	24.5	26.9	-	23.7	24.5	26.9	-	23.7	24.5	26.9	-									
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.88	0.73	0.51	-	0.88	0.73	0.51	-	0.88	0.73	0.51	-									
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-									
		KW	1.85	1.89	1.94	-	1.99	2.03	2.09	-	2.11	2.16	2.23	-	2.22	2.27	2.34	-	2.31	2.37	2.44	-	2.39	2.45	2.53	-	2.39	2.45	2.53	-	2.39	2.45	2.53	-	2.39	2.45	2.53	-									
		AMPS	9.0	9.1	9.4	-	9.5	9.7	10.0	-	10.2	10.4	10.7	-	10.7	11.0	11.2	-	11.3	11.5	11.8	-	11.8	12.1	12.4	-	11.8	12.1	12.4	-	11.8	12.1	12.4	-	11.8	12.1	12.4	-									
	1000	HIPR	226	243	256	-	253	273	288	-	288	310	327	-	328	353	373	-	369	397	419	-	408	439	463	-	408	439	463	-	408	439	463	-	408	439	463	-									
		LO PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	132	140	153	-	132	140	153	-	132	140	153	-									
		MBh	28.1	29.1	31.9	-	27.4	28.4	31.1	-	26.8	27.7	30.4	-	26.1	27.1	29.6	-	24.8	25.7	28.2	-	23.0	23.8	26.1	-	23.0	23.8	26.1	-	23.0	23.8	26.1	-	23.0	23.8	26.1	-									
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-									
		Delta T	19	16	12	-	19	16	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-									
75	1125	KW	1.83	1.87	1.93	-	1.97	2.01	2.08	-	2.09	2.14	2.21	-	2.20	2.25	2.32	-	2.30	2.35	2.42	-	2.37	2.43	2.51	-	2.37	2.43	2.51	-	2.37	2.43	2.51	-	2.37	2.43	2.51	-									
		AMPS	8.9	9.1	9.3	-	9.5	9.6	9.9	-	10.1	10.3	10.6	-	10.7	10.9	11.2	-	11.2	11.4	11.8	-	11.8	12.0	12.3	-	11.8	12.0	12.3	-	11.8	12.0	12.3	-	11.8	12.0	12.3	-									
		HIPR	223	240	254	-	251	270	285	-	285	307	324	-	325	350	369	-	365	393	415	-	404	434	459	-	404	434	459	-	404	434	459	-	404	434	459	-									
		LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	130	139	152	-	130	139	152	-	130	139	152	-	130	139	152	-									
		MBh	25.9	26.8	29.4	-	25.3	26.2	28.7	-	24.7	25.6	28.0	-	24.1	25.0	27.4	-	22.9	23.7	26.0	-	21.2	22.0	24.1	-	21.2	22.0	24.1	-	21.2	22.0	24.1	-	21.2	22.0	24.1	-									
	875	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-									
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-									
		KW	1.79	1.83	1.88	-	1.92	1.97	2.03	-	2.04	2.09	2.15	-	2.15	2.20	2.27	-	2.24	2.29	2.36	-	2.32	2.37	2.44	-	2.32	2.37	2.44	-	2.32	2.37	2.44	-	2.32	2.37	2.44	-									
		AMPS	8.7	8.9	9.1	-	9.3	9.4	9.7	-	9.9	10.1	10.3	-	10.4	10.6	10.9	-	11.0	11.2	11.5	-	11.5	11.7	12.0	-	11.5	11.7	12.0	-	11.5	11.7	12.0	-	11.5	11.7	12.0	-									
		HIPR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	354	381	403	-	392	421	445	-	392	421	445	-	392	421	445	-	392	421	445	-									
75	1125	LO PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-	127	135	147	-	127	135	147	-	127	135	147	-									
		MBh	29.4	30.3	32.8	35.2	28.7	29.6	32.0	34.3	28.0	28.9	31.2	33.5	27.3	28.2	30.5	32.7	26.0	26.7	29.0	31.1	24.1	24.8	26.8	28.8	24.1	24.8	26.8	28.8	26.0	26.7	29.0	31.1	24.1	24.8	26.8	28.8									
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.92	0.83	0.63	0.40	0.95	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.43	1.00	0.89	0.68	0.43	1.00	0.89	0.67	0.43	1.00	0.89	0.68	0.43									
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10									
		KW	1.86	1.90	1.96	2.02	2.00	2.05	2.11	2.18	2.13	2.18	2.25	2.32	2.24	2.29	2.36	2.44	2.33	2.39	2.46	2.55	2.41	2.47	2.55	2.64	2.41	2.47	2.55	2.64	2.33	2.39	2.46	2.55	2.41	2.47	2.55	2.64									
	1000	AMPS	9.0	9.2	9.4	9.7	9.6	9.8	10.0	10.3	10.3	10.5	10.7	11.1	10.8	11.0	11.3	11.7	11.4	11.6	11.9	12.3	11.9	12.2	12.5	12.9	11.9	12.2	12.5	12.9	11.4	11.6	11.9	12.3	11.9	12.2	12.5	12.9									
		HIPR	228	245	259	270	256	275	291	303	291	313	331	345	331	357	377	393	373	401	424	442	412	443	468	488	412	443	468	488	373	401	424	442	412	443	468	488									
		LO PR	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165	133	142	155	165	129	137	149	159	133	142	155	165									
		MBh	28.5	29.4	31.8	34.1	27.9	28.7	31.1	33.3	27.2	28.0	30.3	32.6	26.6	27.3	29.6	31.8	25.2	26.0	28.1	30.2	23.4	24.1	26.0	27.9	23.4	24.1	26.0	27.9	25.2	26.0	28.1	30.2	23.4	24.1	26.0	27.9									
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41									
75	1000	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11									
		KW	1.85	1.89	1.95	2.01	1.99	2.03	2.10	2.16	2.11	2.16	2.23	2.30	2.22	2.27	2.34	2.42	2.31	2.37	2.44	2.53	2.39	2.45	2.53	2.61	2.39	2.45	2.53	2.61	2.22	2.27	2.34	2.42	2.31	2.37	2.44	2.53									
		AMPS	9.0	9.1	9.4	9.6	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.0	10.7	11.0	11.2	11.6	11.3	11.5	11.8	12.2	11.8	12.1	12.4	12.8	11.8	12.1	12.4	12.8	11.0	11.3	11.6	11.9	11.6	11.8	12.1	12.4	12.8								
		HIPR	226	243	257	268	253	273	288	300	288	310	327	341	328	353	373	389	369	397	419	438	408	439	463	483	408	439	463	483	369	397	419	438	408	439	463	483									
		LO PR	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163	132	140	153	163	129	141	150	158	132	140	153	163									
	875	MBh	26.3	27.1	29.4	31.5	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.3	24.0	25.9	27.8	21.6	22.2	24.0	25.8	21.6	22.2	24.0	25.8	23.3	24.0	25.9	27.8	21.6	22.2	24.0	25.8									
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76																																			

COOLING PERFORMANCE DATA

DP15GM3009041A*

MODEL: DP15GM3009041A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	
80	MBh	29.9	30.6	32.7	34.9		29.2	29.9	31.9	34.1		28.5	29.2	31.1	33.3		27.8	28.4	30.4	32.5		26.4	27.0	28.9	30.9		24.5	25.0	26.7	28.6	
	S/T	0.95	0.89	0.73	0.54		1.00	0.93	0.75	0.56		1.00	0.95	0.77	0.58		1.00	1.00	0.80	0.60		1.00	1.00	0.83	0.62		1.00	1.00	0.84	0.62	
	Delta T	23	22	19	16		24	23	20	16		23	23	20	16		23	23	20	16		22	22	20	16		20	20	18	15	
	KW	1.88	1.92	1.98	2.04		2.02	2.06	2.13	2.20		2.15	2.19	2.26	2.34		2.26	2.31	2.38	2.46		2.35	2.41	2.48	2.57		2.44	2.49	2.57	2.66	
	AMPS	9.1	9.3	9.5	9.8		9.7	9.9	10.1	10.4		10.3	10.5	10.8	11.1		10.9	11.1	11.4	11.8		11.5	11.7	12.0	12.4		12.0	12.3	12.6	13.0	
	HIPR	230	248	262	273		258	278	294	306		294	316	334	348		335	360	380	397		377	405	428	446		416	448	473	493	
	LO PR	108	114	125	133		114	121	132	141		118	126	137	146		124	132	144	153		130	138	151	161		134	143	156	166	
	MBh	29.0	29.7	31.7	33.9		28.4	29.0	31.0	33.1		27.7	28.3	30.2	32.3		27.0	27.6	29.5	31.5		25.7	26.2	28.0	30.0		23.8	24.3	26.0	27.8	
	S/T	0.91	0.85	0.69	0.52		0.94	0.88	0.72	0.54		0.97	0.91	0.74	0.55		1.00	0.94	0.76	0.57		1.00	0.97	0.79	0.59		1.00	0.98	0.80	0.60	
	Delta T	24	23	20	16		25	24	20	16		25	24	21	16		25	24	21	16		24	23	20	16		22	22	19	15	
	KW	1.86	1.90	1.96	2.02		2.00	2.05	2.11	2.18		2.13	2.18	2.25	2.32		2.24	2.29	2.36	2.44		2.33	2.39	2.46	2.55		2.42	2.47	2.55	2.64	
AMPS	9.0	9.2	9.4	9.7		9.6	9.8	10.0	10.3		10.3	10.5	10.7	11.1		10.8	11.0	11.3	11.7		11.4	11.6	11.9	12.3		11.9	12.2	12.5	12.9		
HIPR	228	245	259	270		256	275	291	303		291	313	331	345		331	357	377	393		373	401	424	442		412	443	468	488		
LO PR	106	113	124	132		113	120	131	139		117	124	136	145		123	131	143	152		129	137	149	159		133	142	155	165		
875	MBh	26.8	27.4	29.3	31.3		26.2	26.8	28.6	30.6		25.6	26.1	27.9	29.8		24.9	25.5	27.2	29.1		23.7	24.2	25.9	27.7		21.9	22.4	24.0	25.6	
	S/T	0.88	0.82	0.67	0.50		0.91	0.85	0.69	0.52		0.93	0.87	0.71	0.53		0.96	0.90	0.73	0.55		1.00	0.94	0.76	0.57		1.01	0.94	0.77	0.57	
	Delta T	25	24	21	16		25	24	21	17		25	24	21	17		25	24	21	17		25	24	21	17		23	22	19	15	
	KW	1.82	1.86	1.91	1.97		1.96	2.00	2.06	2.13		2.08	2.12	2.19	2.26		2.18	2.23	2.31	2.38		2.28	2.33	2.40	2.48		2.35	2.41	2.49	2.57	
	AMPS	8.9	9.0	9.2	9.5		9.4	9.6	9.8	10.1		10.0	10.2	10.5	10.8		10.6	10.8	11.1	11.4		11.1	11.3	11.7	12.0		11.7	11.9	12.2	12.6	
	HIPR	221	238	251	262		248	267	282	294		282	304	321	335		322	346	365	381		362	389	411	429		400	430	454	474	
	LO PR	103	110	120	128		109	116	127	135		113	121	132	140		119	127	138	147		125	133	145	154		129	137	150	160	
	NOTE: Shaded area reflects AHRI rating conditions																														
	85	MBh	30.4	31.0	32.5	34.7		29.7	30.3	31.7	33.9		29.0	29.6	31.0	33.1		28.3	28.9	30.2	32.3		26.9	27.4	28.7	30.6		24.9	25.4	26.6	28.4
		S/T	1.00	0.96	0.87	0.71		1.00	1.00	0.90	0.73		1.00	1.00	0.92	0.75		1.00	1.00	0.95	0.77		1.00	1.00	0.99	0.80		1.00	1.00	1.00	0.81
		Delta T	25	24	23	20		24	25	23	20		24	24	23	20		23	24	24	20		22	22	23	20		20	21	22	19
KW		1.89	1.93	1.99	2.06		2.04	2.08	2.15	2.22		2.16	2.21	2.28	2.36		2.28	2.33	2.40	2.48		2.37	2.43	2.51	2.59		2.46	2.51	2.59	2.68	
AMPS		9.2	9.3	9.6	9.9		9.7	9.9	10.2	10.5		10.4	10.6	10.9	11.2		11.0	11.2	11.5	11.9		11.6	11.8	12.1	12.5		12.1	12.4	12.7	13.1	
HIPR		233	250	264	276		261	281	297	309		297	319	337	352		338	364	384	401		380	409	432	451		420	452	478	498	
LO PR		109	116	126	134		115	122	133	142		119	127	139	148		125	133	146	155		131	140	153	162		136	144	158	168	
MBh		29.6	30.1	31.6	33.7		28.9	29.4	30.8	32.9		28.2	28.7	30.1	32.1		27.5	28.0	29.4	31.3		26.1	26.6	27.9	29.7		24.2	24.7	25.8	27.6	
S/T		0.95	0.92	0.83	0.67		0.99	0.95	0.86	0.70		1.00	0.98	0.88	0.72		1.00	1.00	0.91	0.74		1.00	1.00	0.95	0.77		1.00	1.00	0.95	0.77	
Delta T		26	25	24	21		26	26	24	21		26	26	24	21		25	26	25	21		24	24	24	21		22	23	23	20	
KW		1.88	1.92	1.98	2.04		2.02	2.06	2.13	2.20		2.15	2.19	2.26	2.34		2.26	2.31	2.38	2.46		2.35	2.41	2.48	2.57		2.44	2.49	2.57	2.66	
AMPS	9.1	9.3	9.5	9.8		9.7	9.9	10.1	10.4		10.3	10.5	10.8	11.1		10.9	11.1	11.4	11.8		11.5	11.7	12.0	12.4		12.0	12.3	12.6	13.0		
HIPR	230	248	262	273		258	278	294	306		294	316	334	348		335	360	380	397		377	405	428	446		416	448	473	493		
LO PR	108	114	125	133		114	121	132	141		118	126	137	146		124	132	144	153		130	138	151	161		134	143	156	166		
875	MBh	27.3	27.8	29.1	31.1		26.6	27.2	28.4	30.3		26.0	26.5	27.8	29.6		25.4	25.9	27.1	28.9		24.1	24.6	25.7	27.5		22.3	22.8	23.8	25.4	
	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	26	26	24	21		27	26	25	21		27	26	25	21		27	26	25	22		25	26	25	21		23	24	23	20	
	KW	1.83	1.87	1.93	1.99		1.97	2.01	2.08	2.14		2.09	2.14	2.21	2.28		2.20	2.25	2.32	2.40		2.29	2.35	2.42	2.50		2.37	2.43	2.51	2.59	
	AMPS	8.9	9.1	9.3	9.6		9.5	9.6	9.9	10.2		10.1	10.3	10.6	10.9		10.7	10.9	11.2	11.5		11.2	11.4	11.7	12.1		11.8	12.0	12.3	12.7	
	HIPR	223	240	254	265		251	270	285	297		285	307	324	338		325	349	369	385		365	393	415	433		404	434	459	478	
	LO PR	104	111	121	129		110	117	128	136		115	122	133	142		120	128	140	149		126	134	146	156		130	139	151	161	

COOLING PERFORMANCE DATA

DP15GM3609041A*

IDB*			Outdoor Ambient Temperature												105												115											
			65						75						85						95																	
			59	63	67	71	59	63	67	71	59	63	67	71	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	Airflow	MBh	34.4	35.7	39.1	-	33.6	34.8	38.2	-	32.8	34.0	37.2	-	32.0	33.2	36.3	-	30.4	31.5	34.5	-	28.2	29.2	32.0	-	28.2	29.2	32.0	-	28.2	29.2	32.0	-	28.2	29.2	32.0	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-
		KW	2.29	2.34	2.41	-	2.47	2.52	2.60	-	2.63	2.68	2.77	-	2.77	2.83	2.92	-	2.88	2.95	3.05	-	2.99	3.06	3.16	-	2.99	3.06	3.16	-	2.99	3.06	3.16	-	2.99	3.06	3.16	-
		AMPS	11.0	11.2	11.5	-	11.7	11.9	12.3	-	12.5	12.8	13.2	-	13.3	13.5	13.9	-	14.0	14.3	14.7	-	14.7	15.0	15.5	-	14.7	15.0	15.5	-	14.7	15.0	15.5	-	14.7	15.0	15.5	-
	1125	HIPR	235	253	267	-	264	284	300	-	300	323	341	-	342	368	389	-	385	414	437	-	425	458	483	-	425	458	483	-	425	458	483	-	425	458	483	-
		LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-	131	139	152	-	131	139	152	-	131	139	152	-
		MBh	34.1	35.3	38.7	-	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.8	36.0	-	30.1	31.2	34.2	-	27.9	28.9	31.7	-	27.9	28.9	31.7	-	27.9	28.9	31.7	-	27.9	28.9	31.7	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-
	1055	KW	2.28	2.33	2.41	-	2.46	2.51	2.60	-	2.62	2.68	2.77	-	2.76	2.82	2.92	-	2.88	2.94	3.04	-	2.98	3.05	3.15	-	2.98	3.05	3.15	-	2.98	3.05	3.15	-	2.98	3.05	3.15	-
		AMPS	10.9	11.2	11.5	-	11.7	11.9	12.2	-	12.5	12.8	13.1	-	13.2	13.5	13.9	-	14.0	14.3	14.7	-	14.7	15.0	15.4	-	14.7	15.0	15.4	-	14.7	15.0	15.4	-	14.7	15.0	15.4	-
		HIPR	235	253	267	-	263	283	299	-	299	322	340	-	341	367	388	-	384	413	436	-	424	456	482	-	424	456	482	-	424	456	482	-	424	456	482	-
		LO PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-	130	139	151	-	130	139	151	-	130	139	151	-
	875	MBh	31.4	32.6	35.7	-	30.7	31.8	34.9	-	30.0	31.1	34.0	-	29.2	30.3	33.2	-	27.8	28.8	31.5	-	25.7	26.7	29.2	-	25.7	26.7	29.2	-	25.7	26.7	29.2	-	25.7	26.7	29.2	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-
		Delta T	22	19	15	-	22	19	15	-	22	19	15	-	23	20	15	-	22	19	15	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-
		KW	2.23	2.27	2.35	-	2.40	2.45	2.53	-	2.55	2.61	2.70	-	2.69	2.75	2.84	-	2.80	2.87	2.96	-	2.90	2.97	3.07	-	2.90	2.97	3.07	-	2.90	2.97	3.07	-	2.90	2.97	3.07	-
		AMPS	10.7	10.9	11.2	-	11.4	11.6	11.9	-	12.2	12.5	12.8	-	12.9	13.2	13.6	-	13.6	13.9	14.3	-	14.3	14.6	15.1	-	14.3	14.6	15.1	-	14.3	14.6	15.1	-	14.3	14.6	15.1	-
	75	HIPR	228	245	259	-	255	275	290	-	290	313	330	-	331	356	376	-	372	401	423	-	411	443	467	-	411	443	467	-	411	443	467	-	411	443	467	-
		LO PR	101	107	117	-	107	114	124	-	111	118	129	-	117	124	135	-	122	130	142	-	126	134	147	-	126	134	147	-	126	134	147	-	126	134	147	-

75	1125	MBh	35.0	36.0	39.0	41.8	34.2	35.2	38.1	40.9	33.4	34.3	37.2	39.9	32.5	33.5	36.3	38.9	30.9	31.8	34.5	37.0	28.6	29.5	31.9	34.3
		S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
		Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		KW	2.31	2.36	2.43	2.51	2.49	2.54	2.63	2.71	2.65	2.71	2.80	2.89	2.79	2.85	2.95	3.05	2.91	2.98	3.08	3.18	3.01	3.08	3.19	3.30
		AMPS	11.0	11.3	11.6	11.9	11.8	12.0	12.4	12.7	12.6	12.9	13.3	13.7	13.4	13.7	14.0	14.5	14.1	14.4	14.8	15.3	14.8	15.2	15.6	16.1
	1055	HIPR	238	256	270	282	267	287	303	316	303	327	345	360	346	372	393	410	389	418	442	461	430	462	488	509
		LO PR	106	112	123	131	111	119	129	138	116	123	135	143	122	129	141	151	128	136	148	158	132	140	153	163
		MBh	34.6	35.7	38.6	41.4	33.8	34.8	37.7	40.5	33.0	34.0	36.8	39.5	32.2	33.2	35.9	38.5	30.6	31.5	34.1	36.6	28.4	29.2	31.6	33.9
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		Delta T	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12
	875	KW	2.30	2.35	2.43	2.51	2.48	2.54	2.62	2.71	2.64	2.70	2.79	2.88	2.78	2.85	2.94	3.04	2.90	2.97	3.07	3.17	3.01	3.07	3.18	3.29
		AMPS	11.0	11.2	11.5	11.9	11.8	12.0	12.3	12.7	12.6	12.9	13.2	13.7	13.3	13.6	14.0	14.5	14.1	14.4	14.8	15.3	14.8	15.1	15.6	16.1
		HIPR	237	255	269	281	266	286	302	315	303	326	344	359	345	371	392	408	388	417	440	459	428	461	487	508
LO PR		105	112	122	130	111	118	129	137	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163	
MBh		32.0	32.9	35.6	38.2	31.2	32.2	34.8	37.3	30.5	31.4	34.0	36.5	29.7	30.6	33.1	35.6	28.3	29.1	31.5	33.8	26.2	26.9	29.2	31.3	

COOLING PERFORMANCE DATA

DP15GM3609041A*

MODEL: DP15GM3609041A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80		MBh	35.6	36.4	38.9	41.6	34.8	35.5	38.0	40.6	33.9	34.7	37.1	39.6	33.1	33.8	36.2	38.7	31.5	32.2	34.4	36.7	29.1	29.8	31.8	34.0	29.1	29.8	31.8	34.0	34.0
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.57	0.58
		Delta T	2.6	2.5	2.1	1.7	2.6	2.5	2.2	1.7	2.6	2.5	2.2	1.7	2.6	2.5	2.2	1.7	2.6	2.5	2.2	1.7	2.4	2.3	2.0	1.6	2.4	2.3	2.0	1.6	1.6
		KW	2.32	2.37	2.45	2.53	2.51	2.56	2.65	2.74	2.67	2.73	2.82	2.92	2.81	2.88	2.97	3.08	2.93	3.00	3.10	3.21	3.04	3.11	3.22	3.33	3.04	3.11	3.22	3.33	3.33
	AMPS	11.1	11.3	11.7	12.0	11.9	12.1	12.4	12.8	12.7	13.0	13.4	13.8	13.5	13.8	14.2	14.6	14.2	14.5	15.0	15.4	15.0	15.3	15.7	16.3	15.0	15.3	15.7	16.3	16.3	
	HIPR	240	258	273	285	269	290	306	319	306	330	348	363	349	376	397	414	393	423	446	465	434	467	493	514	434	467	493	514	514	
	LO PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	133	142	155	165	165	
	MBh	35.3	36.0	38.5	41.1	34.4	35.2	37.6	40.2	33.6	34.3	36.7	39.2	32.8	33.5	35.8	38.3	31.2	31.8	34.0	36.4	28.9	29.5	31.5	33.7	28.9	29.5	31.5	33.7	33.7	
	S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57	0.57	
	Delta T	2.7	2.5	2.2	1.8	2.7	2.6	2.2	1.8	2.7	2.6	2.2	1.8	2.7	2.6	2.3	1.8	2.7	2.6	2.2	1.8	2.5	2.4	2.1	1.7	2.5	2.4	2.1	1.7	1.7	
875		KW	2.32	2.37	2.45	2.53	2.50	2.56	2.64	2.73	2.66	2.72	2.81	2.91	2.81	2.87	2.97	3.07	2.93	2.99	3.10	3.20	3.03	3.10	3.21	3.32	3.03	3.10	3.21	3.32	3.32
		AMPS	11.1	11.3	11.6	12.0	11.8	12.1	12.4	12.8	12.7	13.0	13.3	13.8	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.4	14.9	15.2	15.7	16.2	14.9	15.2	15.7	16.2	16.2
		HIPR	239	258	272	284	269	289	305	318	306	329	347	362	348	375	396	413	392	421	445	464	433	466	492	513	433	466	492	513	513
		LO PR	106	113	123	131	112	119	130	139	117	124	136	144	123	130	142	152	128	137	149	159	133	141	154	164	133	141	154	164	164
	MBh	32.5	33.2	35.5	38.0	31.8	32.5	34.7	37.1	31.0	31.7	33.9	36.2	30.3	30.9	33.0	35.3	28.8	29.4	31.4	33.6	26.6	27.2	29.1	31.1	26.6	27.2	29.1	31.1	31.1	
	S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55	0.55	
	Delta T	2.9	2.7	2.4	1.9	2.9	2.8	2.4	1.9	2.9	2.8	2.4	1.9	2.9	2.8	2.4	1.9	2.9	2.8	2.4	1.9	2.7	2.6	2.2	1.8	2.7	2.6	2.2	1.8	1.8	
	KW	2.26	2.31	2.39	2.46	2.44	2.49	2.57	2.66	2.60	2.65	2.74	2.83	2.73	2.80	2.89	2.99	2.85	2.92	3.02	3.12	2.95	3.02	3.12	3.23	2.95	3.02	3.12	3.23	3.23	
	AMPS	10.9	11.1	11.4	11.7	11.6	11.8	12.1	12.5	12.4	12.7	13.0	13.4	13.1	13.4	13.8	14.2	13.8	14.1	14.6	15.0	14.6	14.9	15.3	15.8	14.6	14.9	15.3	15.8	15.8	
	HIPR	232	250	264	275	261	280	296	309	296	319	337	351	338	363	384	400	380	409	432	450	420	452	477	497	420	452	477	497	497	
LO PR	103	110	120	127	109	116	126	135	113	120	131	140	119	126	138	147	125	133	145	154	129	137	150	159	129	137	150	159	159		

85	1125	MBh	36.2	36.9	38.7	41.3	35.4	36.1	37.8	40.3	34.5	35.2	36.9	39.3	33.7	34.4	36.0	38.4	32.0	32.6	34.2	36.5	29.7	30.2	31.7	33.8
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		Delta T	2.7	2.7	2.5	2.2	2.8	2.7	2.6	2.2	2.8	2.7	2.6	2.2	2.8	2.7	2.6	2.2	2.6	2.7	2.6	2.2	2.4	2.5	2.4	2.1
		KW	2.34	2.39	2.47	2.55	2.53	2.58	2.67	2.76	2.69	2.75	2.84	2.94	2.84	2.90	3.00	3.10	2.96	3.03	3.13	3.24	3.07	3.14	3.24	3.36
		AMPS	11.2	11.4	11.7	12.1	12.0	12.2	12.5	12.9	12.8	13.1	13.5	13.9	13.6	13.9	14.3	14.7	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.4
		HIPR	243	261	276	288	272	293	309	323	310	333	352	367	353	379	401	418	397	427	451	470	438	472	498	519
		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	166
1055		MBh	35.9	36.6	38.3	40.9	35.0	35.7	37.4	39.9	34.2	34.9	36.5	39.0	33.4	34.0	35.6	38.0	31.7	32.3	33.8	36.1	29.4	29.9	31.3	33.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	2.8	2.8	2.6	2.3	2.9	2.8	2.7	2.3	2.9	2.8	2.7	2.3	2.9	2.8	2.7	2.3	2.8	2.8	2.7	2.3	2.6	2.6	2.5	2.1
		KW	2.34	2.39	2.47	2.55	2.52	2.58	2.66	2.75	2.69	2.75	2.84	2.93	2.83	2.89	2.99	3.09	2.95	3.02	3.12	3.23	3.06	3.13	3.23	3.35
		AMPS	11.2	11.4	11.7	12.1	11.9	12.2	12.5	12.9	12.8	13.1	13.4	13.9	13.6	13.8	14.2	14.7	14.3	14.6	15.0	15.5	15.0	15.4	15.8	16.4
		HIPR	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	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166
875		MBh	33.1	33.7	35.3	37.7	32.3	33.0	34.5	36.8	31.6	32.2	33.7	36.0	30.8	31.4	32.9	35.1	29.3	29.8	31.2	33.3	27.1	27.6	28.9	30.9
		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		Delta T	3.0	3.0	2.8	2.4	3.1	3.0	2.9	2.5	3.1	3.0	2.9	2.5	3.1	3.1	2.9	2.5	3.1	3.0	2.8	2.5	2.8	2.8	2.7	2.3
		KW	2.28	2.33	2.40	2.48	2.46	2.51	2.60	2.68	2.62	2.68	2.77	2.86	2.76	2.82	2.91	3.01	2.88	2.94	3.04	3.15	2.98	3.05	3.15	3.26
		AMPS	10.9	11.1	11.5	11.8	11.7	11.9	12.2	12.6	12.5	12.8	13.1	13.5	13.2	13.5	13.9	14.3	14.0	14.3	14.7	15.2	14.7	15.0	15.4	15.9
		HIPR	235	252	267	278	263	283	299	312	299	322	340	355	341	367	387	404	384	413	436	455	424	456	482	502
		LO PR	104	111	121	129	110	117	128	136	114	122	133	141	120	128	139	149	126	134	146	156	130	138	151	161

COOLING PERFORMANCE DATA

DP15GM4211541A*

IDB*		Airflow		Outdoor Ambient Temperature																																															
				65								75								85								95								105								115							
				Entering Indoor Wet Bulb Temperature																																															
70	1350	MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-																									
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.71	0.50	-																									
		Delta T	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-																									
		KW	2.58	2.63	2.71	-	2.77	2.83	2.92	-	2.94	3.01	3.10	-	3.09	3.16	3.26	-	3.22	3.29	3.40	-	3.33	3.41	3.52	-																									
		AMPS	11.3	11.6	11.9	-	12.1	12.4	12.8	-	13.1	13.4	13.8	-	13.9	14.2	14.6	-	14.7	15.0	15.5	-	15.5	15.8	16.3	-																									
	1200	HIPR	226	243	257	-	253	273	288	-	288	310	327	-	328	353	373	-	369	397	420	-	408	439	464	-																									
		LO PR	112	119	130	-	118	126	137	-	123	131	143	-	129	137	150	-	135	144	157	-	140	149	162	-																									
		MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-																									
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-																									
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	19	14	-	21	18	14	-	20	17	13	-																									
1050	KW	2.56	2.61	2.69	-	2.75	2.81	2.90	-	2.92	2.98	3.08	-	3.07	3.14	3.24	-	3.20	3.27	3.37	-	3.31	3.38	3.49	-																										
	AMPS	11.2	11.5	11.8	-	12.0	12.3	12.7	-	13.0	13.3	13.7	-	13.8	14.1	14.5	-	14.6	14.9	15.4	-	15.4	15.7	16.2	-																										
	HIPR	224	241	254	-	251	270	285	-	285	307	324	-	325	350	369	-	366	393	415	-	404	435	459	-																										
	LO PR	111	118	129	-	117	124	136	-	122	129	141	-	128	136	148	-	134	142	155	-	138	147	161	-																										
	MBh	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-																										
	S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-																										
	Delta T	21	18	14	-	22	19	14	-	22	19	14	-	22	19	14	-	21	19	14	-	20	17	13	-																										
	KW	2.50	2.55	2.63	-	2.68	2.74	2.83	-	2.85	2.91	3.00	-	2.99	3.06	3.16	-	3.12	3.19	3.29	-	3.22	3.29	3.40	-																										
	AMPS	11.0	11.2	11.5	-	11.8	12.0	12.4	-	12.7	12.9	13.3	-	13.4	13.7	14.1	-	14.2	14.5	15.0	-	15.0	15.3	15.8	-																										
	HIPR	217	233	246	-	243	262	276	-	277	298	314	-	315	339	358	-	355	382	403	-	392	422	445	-																										
LO PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-																											

75	1350	MBh	40.4	41.6	45.0	48.3	39.4	40.6	43.9	47.2	38.5	39.6	42.9	46.0	37.5	38.7	41.8	44.9	35.7	36.7	39.7	42.7	33.0	34.0	36.8	39.5		
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42		
		Delta T	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11		
		KW	2.60	2.65	2.73	2.82	2.79	2.85	2.94	3.04	2.97	3.03	3.13	3.23	3.12	3.19	3.29	3.40	3.25	3.32	3.43	3.54	3.36	3.44	3.55	3.67		
		AMPS	11.4	11.7	12.0	12.4	12.2	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.0	14.3	14.8	15.3	14.8	15.2	15.6	16.2	15.6	16.0	16.5	17.1		
		HIPR	228	245	259	270	256	275	291	303	291	313	331	345	332	357	377	393	373	401	424	442	412	443	468	488		
		LO PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175		
		MBh	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	37.5	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4		
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40		
		Delta T	24	22	18	13	25	23	19	13	25	23	19	13	25	23	19	13	24	22	18	13	23	21	17	12		
75	1200	KW	2.58	2.63	2.71	2.80	2.77	2.83	2.92	3.01	2.94	3.01	3.10	3.20	3.09	3.16	3.26	3.37	3.22	3.29	3.40	3.51	3.33	3.41	3.52	3.64		
		AMPS	11.3	11.6	11.9	12.3	12.1	12.4	12.8	13.2	13.1	13.4	13.8	14.2	13.9	14.2	14.6	15.1	14.7	15.0	15.5	16.0	15.5	15.9	16.3	16.9		
		HIPR	226	243	257	268	253	273	288	300	288	310	327	342	328	353	373	389	369	397	420	438	408	439	464	484		
		LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	162	173		
		MBh	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4		
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.61	0.39		
		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		
		75	1050	KW	2.52	2.57	2.65	2.73	2.71	2.76	2.85	2.94	2.87	2.93	3.03	3.12	3.02	3.08	3.18	3.29	3.14	3.21	3.32	3.43	3.25	3.32	3.43	3.55
				AMPS	11.1	11.3	11.6	12.0	11.8	12.1	12.5	12.9	12.8	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.6	15.1	15.4	15.9	16.5
				HIPR	219	236	249	260	246	265	279	291	280	301	318	331	318	343	362	377	358	385	407	425	396	426	450	469
LO PR	108			115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168		

COOLING PERFORMANCE DATA

DP15GM4211541A*

MODEL: DP15GM4211541A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	
80	1350	MBh	41.1	42.0	44.8	47.9	40.1	41.0	43.8	46.8	39.2	40.0	42.8	45.7	38.2	39.0	41.7	44.6	36.3	37.1	39.6	42.4	33.6	34.4	36.7	39.2	30.6	31.4	33.7	36.6	39.5
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.60	1.00
		Delta T	26	25	22	17	26	25	22	18	27	25	22	18	26	25	22	18	25	25	22	17	23	23	20	16	23	23	20	16	23
		KW	2.62	2.67	2.76	2.84	2.82	2.88	2.97	3.06	2.99	3.06	3.15	3.26	3.15	3.21	3.32	3.43	3.28	3.35	3.46	3.57	3.39	3.46	3.58	3.70	3.39	3.46	3.58	3.70	3.39
		AMPS	11.5	11.8	12.1	12.5	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.3	15.8	16.1	16.6	17.2	15.8	16.1	16.6	17.2	15.8
	1200	HIPR	230	248	262	273	259	278	294	306	294	316	334	348	335	360	381	397	377	405	428	446	416	448	473	493	416	448	473	493	416
		LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176	143	152	166	176	143
		MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.6	38.1	32.6	33.4	35.6	38.1	32.6
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.95	0.77	0.58	1.00	0.95	0.78	0.58	1.00	0.95	0.78	0.58	1.00
		Delta T	27	26	23	18	27	26	23	18	27	26	23	18	26	26	23	18	27	26	23	18	25	24	21	17	25	24	21	17	25
1050	KW	2.60	2.65	2.73	2.82	2.79	2.85	2.94	3.04	2.97	3.03	3.13	3.23	3.12	3.19	3.29	3.40	3.25	3.32	3.43	3.54	3.36	3.44	3.55	3.67	3.36	3.44	3.55	3.67	3.36	
	AMPS	11.4	11.7	12.0	12.4	12.2	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.0	14.3	14.8	15.3	14.8	15.2	15.6	16.2	15.6	16.0	16.5	17.1	15.6	16.0	16.5	17.1	15.6	
	HIPR	228	245	259	270	256	275	291	303	291	313	331	345	332	357	377	393	373	401	424	442	412	443	468	488	412	443	468	488	412	
	LO PR	113	120	131	140	119	127	139	148	124	132	144	153	130	139	151	161	137	145	159	169	141	150	164	175	141	150	164	175	141	
	MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2	30.1	30.8	32.9	35.2	30.1	
85	1350	S/T	0.85	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56	0.98
		Delta T	28	26	23	18	28	27	23	19	28	27	23	19	26	27	23	19	28	27	23	18	26	25	22	17	26	25	22	17	26
		KW	2.54	2.59	2.67	2.75	2.73	2.78	2.87	2.96	2.90	2.96	3.05	3.15	3.04	3.11	3.21	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.46	3.58	3.28	3.35	3.46	3.58	3.28
		AMPS	11.1	11.4	11.7	12.1	11.9	12.2	12.6	13.0	12.9	13.1	13.5	14.0	13.7	14.0	14.4	14.9	14.5	14.8	15.2	15.8	15.2	15.6	16.1	16.6	15.2	15.6	16.1	16.6	15.2
		HIPR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474	400	430	454	474	400
	1200	LO PR	110	117	127	136	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169	137	146	159	169	137
		NOTE: Shaded area reflects AHRI rating conditions																													
		MBh	41.8	42.6	44.6	47.6	40.8	41.6	43.6	46.5	39.9	40.6	42.5	45.4	38.9	39.6	41.5	44.3	36.9	37.6	39.4	42.1	34.2	34.9	36.5	39.0	34.2	34.9	36.5	39.0	34.2
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.78	1.00
		Delta T	28	27	26	22	28	28	26	23	27	28	26	23	26	27	26	23	25	26	26	22	23	24	24	21	23	24	24	21	23
1050	KW	2.64	2.69	2.78	2.87	2.84	2.90	2.99	3.09	3.02	3.08	3.18	3.28	3.17	3.24	3.35	3.46	3.30	3.38	3.49	3.60	3.42	3.49	3.61	3.73	3.42	3.49	3.61	3.73	3.42	
	AMPS	11.6	11.9	12.2	12.6	12.4	12.7	13.1	13.5	13.4	13.7	14.1	14.6	14.2	14.6	15.0	15.5	15.1	15.4	15.9	16.5	15.9	16.3	16.8	17.4	15.9	16.3	16.8	17.4	15.9	
	HIPR	233	250	264	276	261	281	297	309	297	320	337	352	338	364	384	401	380	409	432	451	420	452	478	498	420	452	478	498	420	
	LO PR	115	123	134	143	122	130	141	151	127	135	147	157	133	141	154	164	139	148	162	172	144	153	167	178	144	153	167	178	144	
	MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8	33.2	33.9	35.5	37.8	33.2	
1200	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	1.00	
	Delta T	29	28	27	23	29	29	27	24	29	29	27	24	29	29	27	24	27	28	27	23	25	26	25	22	25	26	25	22	25	
	KW	2.62	2.67	2.76	2.84	2.82	2.88	2.97	3.06	2.99	3.06	3.15	3.26	3.15	3.21	3.32	3.43	3.28	3.35	3.46	3.57	3.39	3.46	3.58	3.70	3.39	3.46	3.58	3.70	3.39	
	AMPS	11.5	11.8	12.1	12.5	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.4	15.0	15.3	15.8	16.3	15.8	16.1	16.6	17.2	15.8	16.1	16.6	17.2	15.8	
	HIPR	230	248	262	273	259	278	294	306	294	316	334	348	335	360	381	397	377	405	428	446	416	448	473	493	416	448	473	493	416	
1050	LO PR	114	121	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	176	143	152	166	176	143	
	MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9	30.7	31.3	32.7	34.9	30.7	
	S/T	0.90	0.86	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.90	0.73	1.00	0.99	0.90	0.73	1.00	
	Delta T	29	29	27	24	30	29	28	24	30	29	28	24	30	29	28	24	29	29	27	24	27	27	26	22	27	27	26	22	27	
	KW	2.56	2.61	2.69	2.77	2.75	2.81	2.89	2.99	2.92	2.98	3.08	3.18	3.07	3.13	3.24	3.34	3.20	3.27	3.37	3.48	3.31	3.38	3.49	3.61	3.31	3.38	3.49	3.61	3.31	
1050	AMPS	11.2	11.5	11.8	12.2	12.0	12.3	12.7	13.1	13.0	13.3	13.6	14.1	13.8	14.1	14.5	15.0	14.6	14.9	15.4	15.9	15.4	15.7	16.2	16.8	15.4	15.7	16.2	16.8	15.4	
	HIPR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479	404	434	459	479	404	
	LO PR	111	118	129	137	117	124	136	145	122	129	141	150	128	136																

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: DP15GM4811541A*

Outdoor Ambient Temperature																															
65					75					85					95					105					115						
70	IDB*	Airflow	Entering Indoor Wet Bulb Temperature																												
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
			MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-	37.7	39.1	42.8	-
			S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-
			Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-	20	17	13	-
			KW	3.11	3.18	3.28	-	3.35	3.42	3.53	-	3.56	3.64	3.76	-	3.75	3.83	3.96	-	3.91	3.99	4.13	-	4.04	4.13	4.27	-	4.04	4.13	4.27	-
			AMPS	12.9	13.1	13.5	-	13.8	14.1	14.5	-	14.8	15.2	15.6	-	15.8	16.1	16.6	-	16.7	17.1	17.6	-	17.6	18.0	18.5	-	17.6	18.0	18.5	-
			HIPR	230	247	261	-	258	277	293	-	293	315	333	-	334	359	379	-	375	404	427	-	415	446	471	-	415	446	471	-
			LO PR	108	115	125	-	114	121	132	-	118	126	138	-	124	132	145	-	130	139	151	-	135	144	157	-	135	144	157	-
			MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-	36.6	37.9	41.6	-
S/T	0.69	0.58	0.40	-	0.72	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	-	0.79	0.66	0.46	-			
Delta T	22	19	14	-	22	19	15	-	22	19	15	-	22	19	15	-	22	19	14	-	21	18	13	-	21	18	13	-			
1300	KW	3.09	3.15	3.25	-	3.32	3.39	3.50	-	3.53	3.61	3.73	-	3.72	3.80	3.92	-	3.87	3.96	4.09	-	4.01	4.10	4.24	-	4.01	4.10	4.24	-		
	AMPS	12.8	13.0	13.4	-	13.7	14.0	14.4	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.4	-	17.4	17.8	18.4	-	17.4	17.8	18.4	-		
	HIPR	227	245	258	-	255	275	290	-	290	312	330	-	330	356	375	-	372	400	422	-	411	442	467	-	411	442	467	-		
	LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	134	142	155	-		
	MBh	41.3	42.8	46.9	-	40.3	41.8	45.8	-	39.4	40.8	44.7	-	38.4	39.8	43.6	-	36.5	37.8	41.4	-	33.8	35.0	38.4	-	33.8	35.0	38.4	-		
	S/T	0.67	0.56	0.39	-	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	-	0.76	0.64	0.44	-		
1125	Delta T	22	19	15	-	23	20	15	-	23	20	15	-	23	20	15	-	23	20	15	-	21	18	14	-	21	18	14	-		
	KW	3.01	3.08	3.17	-	3.24	3.31	3.42	-	3.45	3.52	3.63	-	3.62	3.70	3.83	-	3.78	3.86	3.99	-	3.91	4.00	4.13	-	3.91	4.00	4.13	-		
	AMPS	12.4	12.7	13.1	-	13.3	13.6	14.0	-	14.4	14.7	15.1	-	15.2	15.6	16.0	-	16.1	16.5	17.0	-	17.0	17.4	17.9	-	17.0	17.4	17.9	-		
	HIPR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-	398	429	453	-		
	LO PR	104	110	120	-	109	116	127	-	114	121	132	-	120	127	139	-	125	133	145	-	130	138	150	-	130	138	150	-		
	MBh	41.3	42.8	46.9	-	40.3	41.8	45.8	-	39.4	40.8	44.7	-	38.4	39.8	43.6	-	36.5	37.8	41.4	-	33.8	35.0	38.4	-	33.8	35.0	38.4	-		
S/T	0.67	0.56	0.39	-	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	-	0.76	0.64	0.44	-			
Delta T	22	19	15	-	23	20	15	-	23	20	15	-	23	20	15	-	23	20	15	-	21	18	14	-	21	18	14	-			
1125	KW	3.01	3.08	3.17	-	3.24	3.31	3.42	-	3.45	3.52	3.63	-	3.62	3.70	3.83	-	3.78	3.86	3.99	-	3.91	4.00	4.13	-	3.91	4.00	4.13	-		
	AMPS	12.4	12.7	13.1	-	13.3	13.6	14.0	-	14.4	14.7	15.1	-	15.2	15.6	16.0	-	16.1	16.5	17.0	-	17.0	17.4	17.9	-	17.0	17.4	17.9	-		
	HIPR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-	398	429	453	-		
	LO PR	104	110	120	-	109	116	127	-	114	121	132	-	120	127	139	-	125	133	145	-	130	138	150	-	130	138	150	-		
	MBh	41.3	42.8	46.9	-	40.3	41.8	45.8	-	39.4	40.8	44.7	-	38.4	39.8	43.6	-	36.5	37.8	41.4	-	33.8	35.0	38.4	-	33.8	35.0	38.4	-		
	S/T	0.67	0.56	0.39	-	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	-	0.76	0.64	0.44	-		

1475	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7	45.9
	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	0.95	0.85	0.64	0.41
	Delta T	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	24	22	18	13	23	21	17	12
	KW	3.14	3.20	3.30	3.41	3.38	3.45	3.56	3.68	3.59	3.67	3.79	3.92	3.78	3.86	3.99	4.12	3.94	4.03	4.16	4.30	4.08	4.17	4.31	4.46
	AMPS	13.0	13.2	13.6	14.1	13.9	14.2	14.6	15.1	15.0	15.3	15.8	16.3	15.9	16.2	16.7	17.3	16.8	17.2	17.7	18.4	17.7	18.1	18.7	19.4
	HIPR	232	250	264	275	260	280	296	308	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497
	LO PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
	S/T	0.79	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	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	Delta T	25	23	19	13	26	24	19	13	26	24	19	13	26	24	19	13	25	23	19	13	24	22	18	12
	KW	3.11	3.18	3.28	3.38	3.35	3.42	3.53	3.65	3.56	3.64	3.76	3.88	3.75	3.83	3.96	4.09	3.91	3.99	4.13	4.27	4.04	4.13	4.27	4.42
1300	AMPS	12.9	13.1	13.5	14.0	13.8	14.1	14.5	15.0	14.8	15.2	15.6	16.2	15.8	16.1	16.6	17.2	16.7	17.1	17.6	18.2	17.6	18.0	18.5	19.2
	HIPR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	376	404	427	445	415	447	471	492
	LO PR	108	115	125	134	114	121	132	141	119	126	138	147	124	132	145	154	130	139	152	161	135	144	157	167
	MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3	41.1
	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	0.38	0.87	0.78	0.59	0.38
	Delta T	26	24	20	14	26	24	20	14	26	24	20	14	26	24	20	14	26	24	20	14	24	22	18	13
1125	KW	3.04	3.10	3.20	3.30	3.27	3.34	3.45	3.56	3.47	3.55	3.66	3.79	3.66	3.74	3.86	3.99	3.81	3.89	4.02	4.16	3.94	4.03	4.16	4.30
	AMPS	12.5	12.8	13.2	13.6	13.4	13.7	14.1	14.6	14.5	14.8	15.2	15.8	15.4	15.7	16.2	16.7	16.3	16.6	17.1	17.7	17.1	17.5	18.1	18.7
	HIPR	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	105	111	122	130	111	118	128	137	115	122	134	142	121	128	140	149	127	135	147	157	131	139	152	162

COOLING PERFORMANCE DATA

DP15GM4811541A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: DP15GM4811541A*

IDB*		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
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												
1475	MBh	47.7	48.7	52.0	55.6	46.6	47.6	50.8	54.3	45.5	46.4	49.6	53.0	44.3	45.3	48.4	51.8	42.1	43.0	46.0	49.2	39.0	39.9	42.6	45.5												
	S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.79	0.59												
	Delta T	2.7	2.6	2.2	1.8	2.7	2.6	2.3	1.8	2.7	2.6	2.3	1.8	2.8	2.6	2.3	1.8	2.6	2.6	2.2	1.8	2.4	2.5	2.1	1.7												
	KW	3.16	3.23	3.33	3.44	3.41	3.48	3.59	3.71	3.62	3.70	3.82	3.95	3.81	3.90	4.02	4.16	3.97	4.06	4.20	4.34	4.11	4.21	4.35	4.49												
	AMPS	13.1	13.3	13.7	14.2	14.0	14.3	14.7	15.2	15.1	15.4	15.9	16.4	16.0	16.4	16.9	17.5	17.0	17.4	17.9	18.5	17.9	18.3	18.9	19.5												
	HIPR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454	423	456	481	502												
	LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	146	160	170												
	MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2												
	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	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56												
	Delta T	2.8	2.7	2.3	1.9	2.9	2.7	2.4	1.9	2.9	2.7	2.4	1.9	2.9	2.8	2.4	1.9	2.8	2.7	2.4	1.9	2.6	2.5	2.2	1.8												
1300	KW	3.14	3.20	3.30	3.41	3.38	3.45	3.56	3.68	3.59	3.67	3.79	3.92	3.78	3.86	3.99	4.13	3.94	4.03	4.16	4.30	4.08	4.17	4.31	4.46												
	AMPS	13.0	13.2	13.6	14.1	13.9	14.2	14.6	15.1	15.0	15.3	15.8	16.3	15.9	16.3	16.7	17.3	16.8	17.2	17.7	18.4	17.7	18.1	18.7	19.4												
	HIPR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497												
	LO PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169												
	MBh	42.7	43.6	46.6	49.9	41.7	42.6	45.6	48.7	40.7	41.6	44.5	47.5	39.7	40.6	43.4	46.4	37.8	38.6	41.2	44.1	35.0	35.7	38.2	40.8												
1125	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	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54												
	Delta T	2.9	2.8	2.4	1.9	2.9	2.8	2.4	2.0	2.9	2.8	2.4	2.0	3.0	2.8	2.5	2.0	2.9	2.8	2.4	1.9	2.7	2.6	2.3	1.8												
	KW	3.06	3.13	3.22	3.33	3.30	3.37	3.47	3.59	3.50	3.58	3.70	3.82	3.69	3.77	3.89	4.02	3.84	3.93	4.06	4.19	3.98	4.06	4.20	4.34												
	AMPS	12.6	12.9	13.3	13.7	13.6	13.8	14.2	14.7	14.6	14.9	15.4	15.9	15.5	15.8	16.3	16.9	16.4	16.8	17.3	17.9	17.3	17.7	18.2	18.9												
	HIPR	225	242	256	267	252	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	437	462	482												
LO PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	148	158	132	141	154	164													
NOTE: Shaded area reflects AHRI rating conditions																																					
1475	MBh	48.5	49.4	51.8	55.2	47.4	48.3	50.6	54.0	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	42.9	43.7	45.8	48.8	39.7	40.5	42.4	45.2												
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77												
	Delta T	2.9	2.8	2.7	2.3	2.9	2.8	2.7	2.3	2.9	2.9	2.7	2.3	2.8	2.9	2.7	2.3	2.7	2.7	2.7	2.3	2.5	2.5	2.2	2.2												
	KW	3.19	3.25	3.36	3.47	3.43	3.51	3.62	3.74	3.65	3.73	3.85	3.98	3.84	3.93	4.06	4.20	4.01	4.10	4.23	4.38	4.15	4.24	4.38	4.53												
	AMPS	13.2	13.4	13.8	14.3	14.1	14.4	14.9	15.4	15.2	15.6	16.0	16.6	16.2	16.5	17.0	17.6	17.1	17.5	18.0	18.7	18.0	18.5	19.0	19.7												
	HIPR	237	255	269	280	266	286	302	315	302	325	343	358	344	370	391	408	387	416	440	459	428	460	486	507												
	LO PR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	162	172												
	MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9												
	S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.81	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	0.90	0.73												
	Delta T	3.0	3.0	2.8	2.4	3.0	3.0	2.8	2.4	3.0	3.0	2.8	2.5	3.1	3.0	2.9	2.5	2.9	3.0	2.8	2.4	2.7	2.8	2.6	2.3												
1300	KW	3.16	3.23	3.33	3.44	3.41	3.48	3.59	3.71	3.62	3.70	3.82	3.95	3.81	3.90	4.02	4.16	3.97	4.06	4.20	4.34	4.11	4.21	4.35	4.49												
	AMPS	13.1	13.3	13.7	14.2	14.0	14.3	14.7	15.2	15.1	15.4	15.9	16.4	16.0	16.4	16.9	17.5	17.0	17.4	17.9	18.5	17.9	18.3	18.9	19.5												
	HIPR	234	252	266	278	263	283	299	312	299	322	340	354	341	366	387	404	383	412	435	454	423	456	481	502												
	LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	146	160	170												
	MBh	43.5	44.3	46.4	49.5	42.5	43.3	45.3	48.4	41.4	42.2	44.2	47.2	40.4	41.2	43.2	46.0	38.4	39.2	41.0	43.7	35.6	36.3	38.0	40.5												
1125	S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71												
	Delta T	3.1	3.0	2.9	2.5	3.1	3.1	2.9	2.5	3.1	3.1	2.9	2.5	3.2	3.1	2.9	2.5	3.1	3.1	2.9	2.5	2.9	2.9	2.7	2.3												
	KW	3.09	3.15	3.25	3.35	3.32	3.39	3.50	3.62	3.53	3.61	3.73	3.85	3.72	3.80	3.92	4.05	3.87	3.96	4.09	4.23	4.01	4.10	4.23	4.38												
	AMPS	12.7	13.0	13.4	13.8	13.7	14.0	14.4	14.8	14.7	15.0	15.5	16.0	15.6	16.0	16.5	17.0	16.5	16.9	17.4	18.0	17.4	17.8	18.4	19.0												
	HIPR	227	245	258	269	255	274	290	302	290	312	330	344	330	355	375	392	372	400	422	440	411	442	467	487												
LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165													
NOTE: Shaded area is AHRI Rating Conditions																																					
KW = Total system power																																					
AMPS: Unit amps (comp.+ evaporator + condenser fan motors)																																					

* Entering Indoor Dry Bulb Temperature

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

NOTE: Shaded area is AHRI Rating Conditions

KW = Total system power

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

IDB*		Airflow		Outdoor Ambient Temperature																																															
				65								75								85								95								105								115							
				65				75				85				95				105				115				125				135				145				155											
				Entering Indoor Wet Bulb Temperature																																															
				59	63	67	71	59	63	67	71	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	1463	MBh	40.2	41.6	45.6	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	35.5	36.8	40.3	-	32.9	34.1	37.3	-	31.5	32.7	35.8	-	29.1	30.2	33.1	-																	
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	0.86	0.71	0.49	-	0.83	0.68	0.47	-																	
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	15	13	9	-																	
		KW	2.88	2.94	3.03	-	3.09	3.16	3.25	-	3.28	3.35	3.45	-	3.44	3.52	3.63	-	3.59	3.66	3.78	-	3.71	3.79	3.91	-	3.65	3.72	3.84	-	3.55	3.62	3.73	-																	
		AMPS	13.6	13.9	14.2	-	14.5	14.7	15.1	-	15.4	15.7	16.2	-	16.3	16.6	17.1	-	17.1	17.5	18.0	-	18.0	18.3	18.8	-	17.8	18.1	18.5	-	17.4	17.7	18.1	-																	
	1300	HIPR	231	248	262	-	259	279	294	-	294	317	335	-	335	361	381	-	377	406	429	-	417	449	474	-	435	463	487	-	455	483	507	-																	
		LO PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-	133	141	153	-	127	135	147	-																	
		MBh	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.3	-	29.5	30.5	33.5	-	26.5	27.5	30.5	-																	
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.82	0.68	0.47	-	0.79	0.65	0.45	-																	
		Delta T	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-	17	15	11	-	15	13	9	-																	
1138	KW	2.86	2.92	3.00	-	3.07	3.13	3.23	-	3.25	3.32	3.43	-	3.42	3.49	3.60	-	3.56	3.63	3.75	-	3.68	3.76	3.88	-	3.60	3.67	3.79	-	3.50	3.57	3.69	-																		
	AMPS	13.5	13.8	14.1	-	14.4	14.6	15.0	-	15.3	15.6	16.0	-	16.2	16.5	16.9	-	17.0	17.3	17.8	-	17.8	18.2	18.7	-	17.5	17.8	18.2	-	17.1	17.4	17.8	-																		
	HIPR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	424	-	413	444	469	-	435	463	487	-	455	483	507	-																		
	LO PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-	131	139	151	-	125	133	145	-																		
	MBh	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	31.8	33.0	36.1	-	29.5	30.5	33.5	-	26.5	27.5	30.5	-	23.5	24.5	27.5	-																		
75	1463	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.79	0.65	0.45	-	0.76	0.62	0.42	-																	
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	17	15	11	-	15	13	9	-																	
		KW	2.79	2.85	2.93	-	3.00	3.06	3.15	-	3.18	3.24	3.34	-	3.34	3.41	3.51	-	3.47	3.55	3.66	-	3.59	3.67	3.78	-	3.50	3.57	3.69	-	3.40	3.47	3.59	-																	
		AMPS	13.2	13.5	13.8	-	14.1	14.3	14.7	-	15.0	15.3	15.7	-	15.8	16.1	16.5	-	16.6	17.0	17.4	-	17.4	17.8	18.3	-	17.1	17.4	17.8	-	16.7	17.0	17.4	-																	
		HIPR	222	238	252	-	249	268	283	-	283	304	321	-	322	347	366	-	362	390	412	-	400	431	455	-	425	453	477	-	455	483	507	-																	
	1300	LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-	127	135	147	-	121	129	141	-																	
		MBh	40.9	42.1	45.5	48.9	39.9	41.1	44.5	47.7	39.0	40.1	43.4	46.6	38.0	39.1	42.4	45.5	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0	29.5	30.5	33.5	-	26.5	27.5	30.5	-																	
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	0.86	0.71	0.49	-	0.76	0.62	0.42	-																	
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	19	17	13	-	17	15	11	-																	
		KW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07	3.65	3.72	3.84	-	3.55	3.62	3.73	-																	
1138	AMPS	13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6	17.8	18.1	18.5	-	17.4	17.7	18.1	-																		
	HIPR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	435	463	487	-	455	483	507	-																		
	LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	133	141	153	-	127	135	147	-																		
	MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8	29.5	30.5	33.5	-	26.5	27.5	30.5	-																		
	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	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	0.86	0.71	0.49	-	0.76	0.62	0.42	-																		
75	1463	Delta T	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12	19	17	13	-	17	15	11	-																	
		KW	2.88	2.94	3.03	3.12	3.09	3.16	3.25	3.36	3.28	3.35	3.45	3.57	3.45	3.52	3.63	3.75	3.59	3.66	3.78	3.91	3.71	3.79	3.91	4.04	3.65	3.72	3.84	-	3.55	3.62	3.73	-																	
		AMPS	13.6	13.9	14.2	14.6	14.5	14.7	15.1	15.6	15.4	15.7	16.2	16.6	16.3	16.6	17.1	17.6	17.1	17.5	18.0	18.5	18.0	18.3	18.8	19.4	17.8	18.1	18.5	-	17.4	17.7	18.1	-																	
		HIPR	231	248	262	274	259	279	294	307	294	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494	435	463	487	-	455	483	507	-																	
		LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171	133	141	153	-	127	135	147	-																	
	1300	MBh	36.6	37.7	40.8	43.8	35.8	36.8	39.9	42.8	34.9	35.9	38.9	41.8	34.1	35.1	38.0	40.7	32.4	33.3	36.1	38.7	30.0	30.9	33.4	35.8	29.5	30.5	33.5	-	26.5	27.5	30.5	-																	
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.86	0.71	0.49	-	0.76	0.62	0.42	-																	
		Delta T	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	22	21	17	12	19	17	13	-	17	15	11	-																	
		KW	2.81	2.87	2.96	3.05	3.02	3.08	3.18	3.28	3.20	3.27	3.37	3.48	3.36	3.43	3.54	3.66	3.50	3.57	3.69	3.81	3.62	3.70	3.81	3.94	3.65	3.72	3.84	-	3.55	3.62	3.73	-																	
		AMPS	13.3	13.6	13.9	14.3	14.2	14.4	14.8	15.2	15.1	15.4	15.8	16.3	15.9	16.2	16.7	17.2	16.7	17.1	17.5	18.1	17.6	17.9	18.4	19.0	17.8	18.1	18.5	-	17.4	17.7	18.1	-																	
1138	HIPR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	460	479	435	463	487	-	455	483	507	-																		
	LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	133	141	153	-	127	135	147	-																		
	MBh	36.0	37.3	40.9	-	35.2	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	31.8	33.0	36.1	-	29.5	30.5	33.5	-	26.5	27.5	30.5	-	23.5	24.5	27.5	-																		
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.79	0.65	0.45	-	0.76	0.62	0.42	-																		
	Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-																										

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

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)

COOLING PERFORMANCE DATA 1ST STAGE DP15GM6014041A*

MODEL: DP15GM6014041A* EXPANDED PERFORMANCE DATA COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature																															
		65					75					85					95					105					115						
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
80	1463	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7							
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63							
		Delta T	25	24	21	17	26	24	21	17	25	24	21	17	24	25	21	17	23	24	21	17	21	22	20	16							
		KW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.41	3.33	3.40	3.51	3.62	3.50	3.58	3.69	3.81	3.65	3.72	3.84	3.97	3.77	3.85	3.98	4.11							
		AMPS	13.8	14.1	14.4	14.8	14.7	14.9	15.3	15.8	15.7	16.0	16.4	16.9	16.5	16.9	17.3	17.9	17.4	17.7	18.2	18.8	18.2	18.6	19.1	19.8							
		HIPR	23.5	25.3	26.8	27.9	26.4	28.4	30.0	31.3	30.0	32.3	34.1	35.6	34.2	36.8	38.9	40.6	38.5	41.4	43.7	45.6	42.5	45.8	48.3	50.4							
		LO PR	11.3	12.0	13.1	14.0	11.9	12.7	1.39	1.48	1.24	1.32	1.44	1.54	1.30	1.39	1.52	1.61	1.37	1.45	1.59	1.69	1.41	1.50	1.64	1.75							
		MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6							
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60							
		Delta T	26	25	22	17	27	25	22	18	27	25	22	18	27	26	22	18	25	25	22	18	23	24	21	16							
80	1300	KW	2.90	2.96	3.05	3.15	3.12	3.18	3.28	3.38	3.31	3.38	3.48	3.59	3.47	3.55	3.66	3.78	3.62	3.69	3.81	3.94	3.74	3.82	3.94	4.07							
		AMPS	13.7	14.0	14.3	14.7	14.6	14.8	15.2	15.7	15.6	15.9	16.3	16.8	16.4	16.7	17.2	17.7	17.3	17.6	18.1	18.7	18.1	18.5	19.0	19.6							
		HIPR	23.3	25.1	26.5	27.6	26.2	28.1	29.7	31.0	29.7	32.0	33.8	35.3	33.9	36.5	38.5	40.2	38.1	41.0	43.3	45.2	42.1	45.3	47.9	49.9							
		LO PR	11.2	11.9	13.0	13.9	11.8	12.6	1.37	1.46	1.23	1.31	1.43	1.52	1.29	1.37	1.50	1.60	1.35	1.44	1.57	1.67	1.40	1.49	1.63	1.73							
		MBh	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.5	35.5	36.3	38.8	41.5	34.7	35.4	37.8	40.5	32.9	33.6	36.0	38.4	30.5	31.2	33.3	35.6							
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58							
		Delta T	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17							
		KW	2.84	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30	3.40	3.51	3.39	3.46	3.57	3.69	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.97							
		AMPS	13.4	13.7	14.0	14.4	14.3	14.5	14.9	15.3	15.2	15.5	15.9	16.4	16.0	16.4	16.8	17.3	16.9	17.2	17.7	18.2	17.7	18.1	18.6	19.1							
		HIPR	22.6	24.3	25.7	26.8	25.4	27.3	28.8	30.1	28.9	31.1	32.8	34.2	32.9	35.4	37.3	39.0	37.0	39.8	42.0	43.8	40.8	44.0	46.4	48.4							
LO PR	10.9	11.6	12.6	13.4	11.5	12.2	1.33	1.42	1.19	1.27	1.39	1.48	1.25	1.33	1.46	1.55	1.31	1.40	1.52	1.62	1.36	1.44	1.58	1.68									

MODEL: DP15GM6014041A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

			65						75						85						95						105						115					
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	59	63	67	71	59	63	67	71	59	63	67	71
70	2036	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-	45.3	47.0	51.5	-	45.3	47.0	51.5	-	45.3	47.0	51.5	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-
		KW	4.41	4.50	4.64	-	4.73	4.83	4.98	-	5.02	5.12	5.28	-	5.27	5.38	5.55	-	5.48	5.60	5.77	-	5.66	5.78	5.97	-	5.66	5.78	5.97	-	5.66	5.78	5.97	-	5.66	5.78	5.97	-
		AMPS	21.5	21.8	22.4	-	22.7	23.1	23.7	-	24.2	24.6	25.3	-	25.4	25.9	26.6	-	26.7	27.2	27.9	-	28.0	28.5	29.3	-	28.0	28.5	29.3	-	28.0	28.5	29.3	-	28.0	28.5	29.3	-
		HIPR	25.6	27.6	29.1	-	28.8	31.0	32.7	-	32.7	35.2	37.2	-	37.3	40.1	42.4	-	41.9	45.1	47.7	-	46.3	49.9	52.7	-	46.3	49.9	52.7	-	46.3	49.9	52.7	-	46.3	49.9	52.7	-
		LO PR	10.7	11.4	12.4	-	11.3	12.0	13.1	-	11.8	12.5	13.7	-	12.4	13.1	14.4	-	13.0	13.8	15.0	-	13.4	14.3	15.6	-	13.4	14.3	15.6	-	13.4	14.3	15.6	-	13.4	14.3	15.6	-
		MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-	44.0	45.6	50.0	-	44.0	45.6	50.0	-	44.0	45.6	50.0	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		Delta T	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-
70	1810	KW	4.38	4.47	4.60	-	4.70	4.79	4.94	-	4.98	5.08	5.24	-	5.23	5.34	5.50	-	5.44	5.55	5.73	-	5.62	5.74	5.92	-	5.62	5.74	5.92	-	5.62	5.74	5.92	-	5.62	5.74	5.92	-
		AMPS	21.3	21.7	22.2	-	22.6	23.0	23.5	-	24.0	24.5	25.1	-	25.3	25.7	26.4	-	26.5	27.0	27.7	-	27.8	28.3	29.1	-	27.8	28.3	29.1	-	27.8	28.3	29.1	-	27.8	28.3	29.1	-
		HIPR	25.4	27.3	28.9	-	28.5	30.7	32.4	-	32.4	34.9	36.8	-	36.9	39.7	41.9	-	41.5	44.7	47.2	-	45.9	49.4	52.1	-	45.9	49.4	52.1	-	45.9	49.4	52.1	-	45.9	49.4	52.1	-
		LO PR	10.6	11.3	12.3	-	11.2	11.9	13.0	-	11.6	12.4	13.5	-	12.2	13.0	14.2	-	12.8	13.6	14.9	-	13.3	14.1	15.4	-	13.3	14.1	15.4	-	13.3	14.1	15.4	-	13.3	14.1	15.4	-
		MBh	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-	40.6	42.1	46.1	-	40.6	42.1	46.1	-	40.6	42.1	46.1	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-
		Delta T	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-
		KW	4.28	4.37	4.50	-	4.59	4.68	4.82	-	4.86	4.96	5.11	-	5.10	5.21	5.37	-	5.31	5.42	5.59	-	5.48	5.60	5.78	-	5.48	5.60	5.78	-	5.48	5.60	5.78	-	5.48	5.60	5.78	-
		AMPS	20.9	21.3	21.8	-	22.1	22.5	23.1	-	23.5	24.0	24.6	-	24.7	25.2	25.8	-	25.9	26.4	27.1	-	27.1	27.7	28.4	-	27.1	27.7	28.4	-	27.1	27.7	28.4	-	27.1	27.7	28.4	-
		HIPR	24.6	26.5	28.0	-	27.6	29.7	31.4	-	31.4	33.8	35.7	-	35.8	38.5	40.7	-	40.3	43.3	45.8	-	44.5	47.9	50.6	-	44.5	47.9	50.6	-	44.5	47.9	50.6	-	44.5	47.9	50.6	-
		LO PR	10.3	10.9	12.0	-	10.9	11.6	12.6	-	11.3	12.0	13.1	-	11.9	12.6	13.8	-	12.4	13.2	14.4	-	12.9	13.7	14.9	-	12.9	13.7	14.9	-	12.9	13.7	14.9	-	12.9	13.7	14.9	-

75	2036	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1	46.1	47.5	51.4	55.1	46.1	47.5	51.4	55.1
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	21	19	16	11	21	19	16	11
		KW	4.45	4.54	4.67	4.81	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.31	5.42	5.59	5.77	5.52	5.64	5.82	6.01	5.71	5.83	6.02	6.21	5.71	5.83	6.02	6.21	5.71	5.83	6.02	6.21
		AMPS	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	25.6	26.1	26.8	27.6	26.9	27.4	28.2	29.0	28.2	28.7	29.5	30.4	28.2	28.7	29.5	30.4	28.2	28.7	29.5	30.4
		HIPR	25.9	27.9	29.4	30.7	29.1	31.3	33.0	34.5	33.1	35.6	37.6	39.2	37.7	40.5	42.8	44.6	42.4	45.6	48.1	50.2	46.8	50.4	53.2	55.5	46.8	50.4	53.2	55.5	46.8	50.4	53.2	55.5
		LO PR	10.8	11.5	12.6	13.4	11.4	12.2	13.3	14.1	11.9	12.6	13.8	14.7	12.5	13.3	14.5	15.4	13.1	13.9	15.2	16.2	13.5	14.4	15.7	16.7	13.5	14.4	15.7	16.7	13.5	14.4	15.7	16.7
	1810	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5	44.7	46.1	49.9	53.5	44.7	46.1	49.9	53.5
		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	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
		Delta T	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	17	11	22	20	17	11	22	20	17	11
KW		4.41	4.50	4.64	4.78	4.73	4.83	4.98	5.13	5.02	5.12	5.28	5.45	5.27	5.38	5.55	5.72	5.48	5.60	5.77	5.96	5.66	5.78	5.97	6.16	5.66	5.78	5.97	6.16	5.66	5.78	5.97	6.16	
AMPS		21.5	21.8	22.4	23.0	22.7	23.1	23.7	24.4	24.2	24.6	25.3	26.0	25.5	25.9	26.6	27.4	26.7	27.2	28.0	28.8	28.0	28.5	29.3	30.2	28.0	28.5	29.3	30.2	28.0	28.5	29.3	30.2	
HIPR		25.7	27.6	29.2	30.4	28.8	31.0	32.7	34.1	32.7	35.2	37.2	38.8	37.3	40.1	42.4	44.2	41.9	45.1	47.7	49.7	46.3	49.9	52.7	54.9	46.3	49.9	52.7	54.9	46.3	49.9	52.7	54.9	
LO PR		10.7	11.4	12.4	13.3	11.3	12.0	13.1	14.0	11.8	12.5	13.7	14.6	12.4	13.1	14.4	15.3	13.0	13.8	15.0	16.0	13.4	14.3	15.6	16.6	13.4	14.3	15.6	16.6	13.4	14.3	15.6	16.6	
1584	MBh	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	46.9	48.3	52.3	56.1	44.6	45.9	49.7	53.3	41.3	42.5	46.0	49.4	41.3	42.5	46.0	49.4	41.3	42.5	46.0	49.4	
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40	
	Delta T	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12	22	20	17	12	22	20	17	12	
	KW	4.32	4.40	4.53	4.67	4.63	4.72	4.86	5.01	4.90	5.00	5.16	5.32	5.14	5.25	5.41	5.59	5.35	5.46	5.63	5.81	5.53	5.64	5.82	6.01	5.53	5.64	5.82	6.01	5.53	5.64	5.82	6.01	
	AMPS	21.0	21.4	21.9	22.5	22.3	22.7	23.2	23.9	23.7	24.1	24.7	25.4	24.9	25.4	26.0	26.8	26.1	26.6	27.3	28.2	27.3	27.9	28.6	29.5	27.3	27.9	28.6	29.5	27.3	27.9	28.6	29.5	
	HIPR	24.9	26.8	28.3	29.5	27.9	30.0	31.7	33.1	31.8	34.2	36.1	37.6	36.2	38.9	41.1	42.9	40.7	43.8	46.2	48.2	45.0	48.4	51.1	53.3	45.0	48.4	51.1	53.3	45.0	48.4	51.1	53.3	
	LO PR	10.4	11.1	12.1	12.9	11.0	11.7	12.8	13.6	11.4	12.1	13.3	14.1	12.0	12.8	13.9	14.8	12.6	13.4	14.6	15.5	13.0	13.8	15.1	16.1	13.0	13.8	15.1	16.1	13.0	13.8	15.1	16.1	

COOLING PERFORMANCE DATA

2ND STAGE DP15GM6014041A*

MODEL: DP15GM6014041A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature																															
		65				75				85				95				105				115											
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	2036	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7							
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63							
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	24	25	21	17	23	23	21	17	21	22	20	16							
		KW	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06	5.75	5.88	6.07	6.27							
	AMPS	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2	28.4	28.9	29.7	30.6								
	HIPR	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486	507	473	509	537	560								
	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								
	MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2								
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60								
	Delta T	26	25	22	17	26	25	22	18	26	25	22	18	26	25	22	18	25	25	22	17	23	23	20	16								
85	1810	KW	4.45	4.54	4.67	4.82	4.77	4.87	5.02	5.17	5.06	5.16	5.32	5.49	5.31	5.42	5.59	5.77	5.52	5.64	5.82	6.01	5.71	5.83	6.02	6.21							
		AMPS	21.6	22.0	22.5	23.1	22.9	23.3	23.9	24.5	24.4	24.8	25.4	26.2	25.6	26.1	26.8	27.6	26.9	27.4	28.2	29.0	28.2	28.7	29.5	30.4							
		HIPR	259	279	294	307	291	313	330	345	331	356	376	392	377	405	428	446	424	456	482	502	468	504	532	555							
		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							
	MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1								
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58								
	Delta T	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	25	22	18	25	24	21	17								
	KW	4.35	4.43	4.57	4.70	4.66	4.76	4.90	5.05	4.94	5.04	5.20	5.36	5.18	5.29	5.46	5.63	5.39	5.51	5.68	5.86	5.57	5.69	5.87	6.06								
	AMPS	21.2	21.5	22.1	22.7	22.4	22.8	23.4	24.0	23.9	24.3	24.9	25.6	25.1	25.6	26.2	27.0	26.3	26.8	27.5	28.4	27.5	28.1	28.8	29.7								
	HIPR	251	270	286	298	282	304	321	334	321	345	365	380	365	393	415	433	411	442	467	487	454	489	516	538								
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	2036	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4							
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82							
		Delta T	26	26	25	21	26	26	25	22	25	26	25	22	24	25	25	22	23	24	25	22	22	22	23	20							
		KW	4.52	4.61	4.74	4.89	4.85	4.94	5.10	5.26	5.14	5.24	5.41	5.58	5.39	5.51	5.68	5.87	5.61	5.73	5.92	6.11	5.80	5.93	6.12	6.32							
	AMPS	21.9	22.3	22.8	23.4	23.2	23.6	24.2	24.9	24.7	25.2	25.8	26.6	26.0	26.5	27.2	28.0	27.3	27.8	28.6	29.4	28.6	29.2	29.9	30.9								
	HIPR	264	284	300	313	297	319	337	352	337	363	383	400	384	413	437	455	432	465	491	512	478	514	543	566								
	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								
	MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8								
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78								
	Delta T	28	27	26	22	28	28	26	23	27	28	26	23	27	27	26	23	25	26	26	22	24	24	24	21								
85	1810	KW	4.48	4.57	4.71	4.85	4.81	4.91	5.06	5.22	5.10	5.20	5.37	5.54	5.35	5.46	5.64	5.82	5.57	5.69	5.87	6.06	5.75	5.88	6.07	6.27							
		AMPS	21.7	22.1	22.7	23.3	23.0	23.5	24.0	24.7	24.5	25.0	25.6	26.4	25.8	26.3	27.0	27.8	27.1	27.6	28.4	29.2	28.4	28.9	29.7	30.6							
		HIPR	262	282	297	310	294	316	334	348	334	359	380	396	380	409	432	451	428	461	486	507	473	509	537	560							
		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							
	MBh	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.8	53.2	56.7	48.6	49.5	51.9	55.4	46.2	47.1	49.3	52.6	42.8	43.6	45.7	48.7								
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75								
	Delta T	28	28	26	23	29	28	27	23	29	28	27	23	28	28	27	23	27	27	26	23	25	25	25	21								
	KW	4.38	4.47	4.60	4.74	4.70	4.79	4.94	5.09	4.98	5.08	5.24	5.40	5.22	5.33	5.50	5.68	5.43	5.55	5.73	5.91	5.62	5.74	5.92	6.11								
	AMPS	21.3	21.7	22.2	22.8	22.6	23.0	23.5	24.2	24.0	24.5	25.1	25.8	25.3	25.7	26.4	27.2	26.5	27.0	27.7	28.6	27.7	28.3	29.0	29.9								
	HIPR	254	273	288	301	285	307	324	338	324	349	368	384	369	397	419	437	415	447	472	492	459	494	521	544								
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																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)															

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

WIRING DIAGRAMS

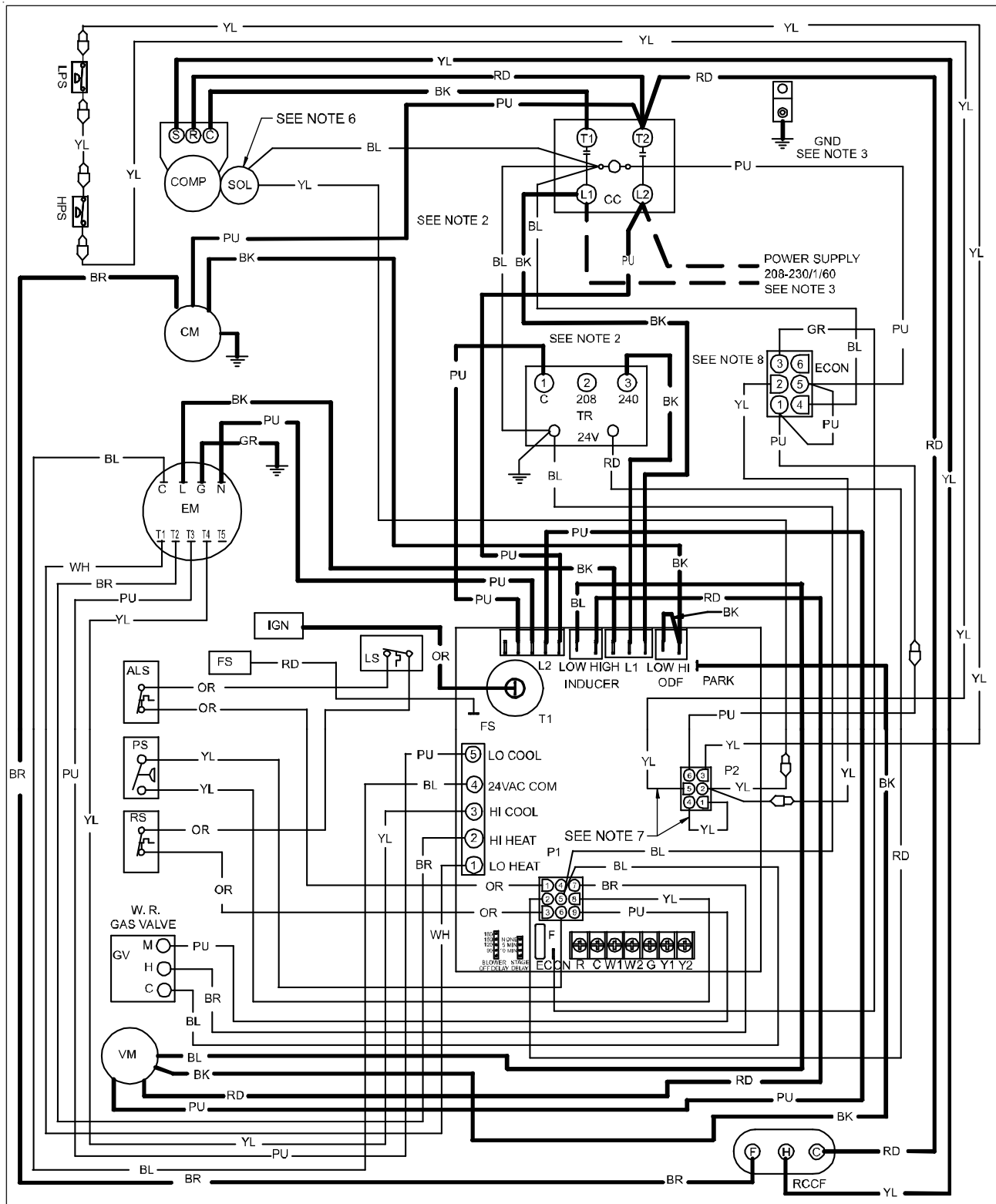
DP15GM[24-60]***41A*



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.



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

WIRING DIAGRAMS

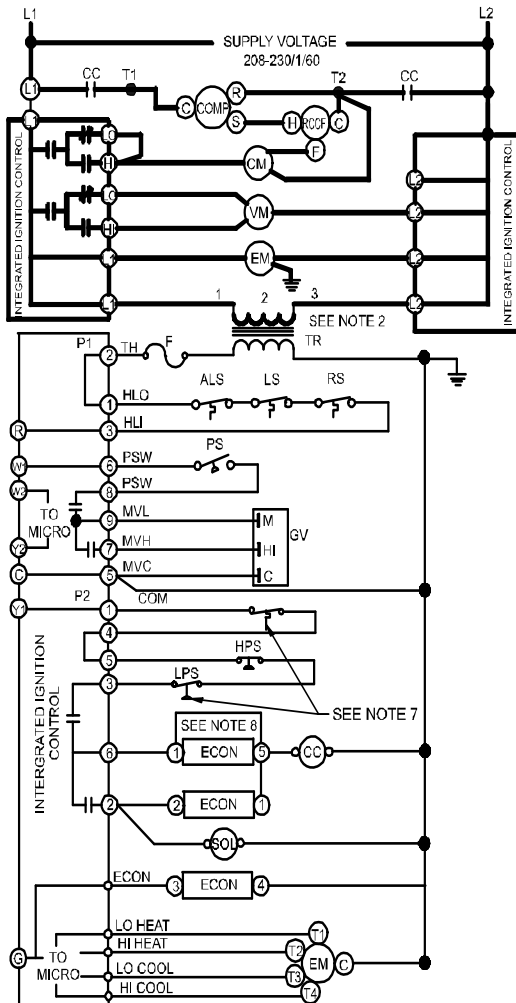
DP15GM[24-60]***41A*



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COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
ECON	ECONOMIZER
CC	CONTACTOR
EM	EVAPORATOR MOTOR
FS	FLAME SENSOR
F	FUSE
GND	EQUIPMENT GROUND
GV	GAS VALVE
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
PS	PRESSURE SWITCH
RCCF	RUN CAPACITOR FOR COMPRESSOR/FAN
RS	ROLLOUT SWITCH
SOL	SOLENOID (2ND STAGE COOL)
TR	TRANSFORMER
VM	VENT MOTOR
ODF	OUTDOOR FAN
HPS	HIGH PRESSURE SWITCH
LPS	LOW PRESSURE SWITCH

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
PJ	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

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. USE COPPER CONDUCTORS ONLY.
4. FOR 208V OPERATION, REMOVE BLUE LEAD FROM INDUCER LOW TERMINAL. MOVE BLACK LEAD FROM PARK TERMINAL ONTO INDUCER LOW TERMINAL. PLACE BLUE LEAD ON PARK TERMINAL.
5. USE NEC CLASS 2 WIRE FOR THERMOSTAT FIELD WIRING.
6. COMPRESSOR 2ND STAGE SOLENOID NOT PRESENT ON ALL MODELS.
7. FOR ECONOMIZER, REMOVE PLUG FROM ECONOMIZER HARNESS. CONNECT PLUG FROM ECONOMIZER TO HARNESS.

DIAGNOSTIC LED - RED	STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE(S) REPLACE CONTROL
1 FLASH	IGNITION FAILURE	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR
2 FLASHES	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH CHECK TUBING CHECK VENT MOTOR
3 FLASHES	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH CHECK WIRING FOR SHORTS
4 FLASHES	OPEN LIMIT SWITCH	CHECK AUXILIARY LIMIT SW. CHECK MAIN LIMIT SWITCH CHECK ROLLOUT LIMIT SW.
5 FLASHES	FALSE FLAME DETECTED	CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING
6 FLASHES	COMPR. SHORT CYCLE DELAY	3 MIN COMP. SHORT CYCLE DELAY

DIAGNOSTIC LED - RED	STATUS	CHECK
7 FLASHES	LIMIT OPEN 5 TIMES IN SAME CALL FOR HEAT	CHECK MAIN LIMIT SWITCH CHECK AUXILIARY LIMIT SW.
8 FLASHES	IDT/ODT OPEN	CHECK JUMPER BETWEEN 1 AND 4 ON 6-CIRCUIT CONNECTOR CHECK OPTIONAL REFRIGERANT SWITCHES
9 FLASHES	PSW/LOC OPEN	CHECK REFRIGERANT SWITCHES FOR LOSS OF CHARGE OR HIGH HEAD PRESSURE

DIAGNOSTIC LED - AMBER	STATUS	CHECK
OFF	NO FLAME PRESENT	-
ON	NORMAL FLAME PRESENT	-
1 FLASH	LOW FLAME SIGNAL	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR
2 FLASHES	FALSE FLAME DETECTED	CHECK GAS VALVE CHECK FOR SHORTS IN FLAME SENSOR WIRING



0140G02360-A

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