REV						
	01	ADDED 22 HEATING CAPACITY. ZJW	R-1047S002 05-18-11			
	02	REVISED FUTURE TECHNICAL VARIATIONS: ADDED "D" AND EFFICIENCIES. ZJW	R-1053S000 11-03-11			
	03	ADDED KHL-D180 MODELS. ZJW	R-1056S000 11-06-12			

STANDARD TOLERANCE UNLESS OTHERWISE NOTED: -FRACTIONAL ± 1/32 -ANGULAR +1° -3° -DECIMAL ± .030 -REFERENCE ( )

NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED

R K H L – C 120 C L 15 E

IGNITION SYSTEM
E = ELECTRIC

HEATING CAPACITY (MBH)
15 = 150,000
22 = 220,000
25 = 225,000
35 = 350,000

DRIVE PACKAGE
L = BELT DRIVE
M = BELT DRIVE – HIGH STATIC

ELECTRICAL DESIGNATION
C = 208/230V, 3 PH, 60 HZ
D = 460V, 3 PH, 60 HZ

COOLING CAPACITY
120 = 120,000 BTU/HR
180 = 180,000 BTU/HR

FUTURE TECHNICAL VARIATIONS
C = MINIMUM EFFICIENCY WITH DDC
D = HIGH EFFICENCY WITH DDC

DESIGN SERIES
L = 410A

EFFICIENCY DESIGNATION
H = HYBRID - GAS-ELECTRIC/WATER HEATER

PRODUCT CLASSIFICATION
K = ROOFTOP

TRADENAME
R = RHEEM

CHKD. BY	APRV. BY	DR. BY ZJW DATE 03-04-11	ORIGINAL RELEASE NO. R-1047S000	
(-)KHL PRODUCT INFORMATION MODEL NUMBER DATA			PART NO. ADS-5111-08L SHEET A1	REV. 03

RHEEM MANUFACTURING CO. AIR CONDITIONING DIVISION RESEARCH & DEVELOPMENT DEPARTMENT

01	ADDED 220,000 MBH MODELS, LINES 5-8.	ZJW	R-1047S002 05-18-11		
02	ADDED "D" EFFICIENCY MODELS.	ZJW	R-1053S000 11-03-11		
03	ADDED D180 MODELS.	ZJW	R-1056S000 11-06-12		

LINE	REV	YEAR INITIATED	PLANT PRODUCED			DOMESTIC RKHL-					
			F	NL							
1		2011	X			C120CL15E					
2		2011	X			C120CM15E					
3		2011	X			C120DL15E					
4		2011	X			C120DM15E					
5	01	2011	X			C120CL22E					
6	01	2011	X			C120CM22E					
7	01	2011	X			C120DL22E					
8	01	2011	X			C120DM22E					
9	02	2012	X			D120CL15E					
10	02	2012	X			D120CM15E					
11	02	2012	X			D120DL15E					
12	02	2012	X			D120DM15E					
13	02	2012	X			D120CL22E					
14	02	2012	X			D120CM22E					
15	02	2012	X			D120DL22E					
16	02	2012	X			D120DM22E					
17											
18	03	2012	X			D180CL25E					
19	03	2012	X			D180CM25E					
20	03	2012	X			D180DL25E					
21	03	2012	X			D180DM25E					
22	03	2012	X			D180CL35E					
23	03	2012	X			D180CM35E					
24	03	2012	X			D180DL35E					
25	03	2012	X			D180DM35E					
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											

PRODUCT CLASS KHL-	DRAWN BY:	ZJW	DATE: 03-04-11	ORIGINAL RELEASE NUMBER: R-1047S000	REV. 03
	CHECKED BY:	VK	TITLE: PRODUCT INFORMATION		
	APPROVED BY:	RJ	END ITEMS (-)KHL-		ADS-5111-08L SHEET. B1

REV							
	01	REVISED COMMON PARTS PHANTOM FOR RHEEM WARM DARK GRAY PAINT. ZJW	R-1047S002 05-18-11				
	02	ADDED D120 AND D180 PHANTOMS. ZJW	R-1056S002 02-21-13				

STANDARD TOLERANCE UNLESS OTHERWISE NOTED: -FRACTIONAL ± 1/32 -ANGULAR +1° -3° -DECIMAL ± .030 -REFERENCE ( )

NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED

RKHL-C120CL15E

?KHL-C120-15E	PH HEATING INPUT
?KHL-C120CL	PH CMPRSSR/ELEC/DRIVE PKG
RKHL-C120-H	PH COMMON PARTS - RHEEM WARM DARK GRAY

RKHL-D120CL15E

?KHL-D120-15E	PH HEATING INPUT
?KHL-D120CL	PH CMPRSSR/ELEC/DRIVE PKG
RKHL-D120	PH COMMON PARTS

RKHL-D180CL25E

?KHL-D180-25E	PH HEATING INPUT
?KHL-D180CL	PH CMPRSSR/ELEC/DRIVE PKG
RKHL-D180	PH COMMON PARTS

RHEEM MANUFACTURING CO. AIR CONDITIONING DIVISION RESEARCH & DEVELOPMENT DEPARTMENT

01	REVISED COMMON PARTS PHANTOM FOR RHEEM WARM DARK GRAY PAINT. ZJW	R-1047S002 05-18-11			
02	EXTENDED VARIABLE UNDERLINE TO "C", LINE 2. ZJW	R-1053S000 11-03-11			

REV.	LINE	PHANTOM	DESCRIPTION	SEQ. NO.	REV.	PHANTOM	DESCRIPTION	SEQ. NO.
	1							
02	2	RKHL-C120 -H	PH COMMON PARTS			?KHL-C120-15E	PH HEATING INPUT	
	3		(-)KHL PRODUCT INFORMATION	00000				
	4		PURCHASED PARTS	1****			PURCHASED PARTS	1****
	5		SHEETMETAL / ASSEMBLIES	2****			SHEETMETAL / ASSEMBLIES	2****
	6		HEATING PARTS / ASSEMBLIES	3****			HEATING PARTS / ASSEMBLIES	3****
	7		ADS INSTRUCTIONS	9****			ADS INSTRUCTIONS	9****
	8		NAME PLATE	19100				
	9		I & O MANUAL	19200				
	10		WARRANTY	19201				
	11							
	12							
	13							
	14							
	15	?KHL-C120CL	PH COMP/ELEC/DRIVE PKG					
	16		PURCHASED PARTS	1****				
	17		COMPRESSOR ASSEMBLY	15500				
	18		SHEETMETAL / ASSEMBLIES	2****				
	19		ADS INSTRUCTIONS	9****				
	20							
	21							
	22							
	23							
	24							
	25					NOTE:		
	26					VARIABLES ARE		
	27					UNDERLINED, SEE END		
	28					ITEMS ON PREVIOUS		
	29					SHEET (S).		
	30							
	31							
	32							
	33							
	34							
	35							
	36							
	37							
	38							

PROD. CLASS					
KHL-	DRAWN BY: ZJW	DATE: 03-22-11	ORIGINAL RELEASE NUMBER: R-1047S000		REV. 02
	CHECKED BY: KMG	PRODUCT INFORMATION: UNIT PHANTOMS			
	APPROVED BY: KMG	(-)KHL- UNIT PHANTOMS		ADS-5111-08L	SHEET. D1

REV							
	01	ADDED ECONOMIZER OPTION CODE "H" AND "J" RHEEM WARM DARK GRAY. ZJW	R-1047S009 08-30-11	04	ADDED "CY" OPTION CODE. ZJW	R-1056S009 07-03-13
	02	ADDED (-)KHL-D120 MODELS. ZJW	R-1053S003 09-04-12			
	03	ADDED (-)KHL-D180 MODELS. ZJW	R-1056S003 03-04-13			

STANDARD TOLERANCE UNLESS OTHERWISE NOTED: -FRACTIONAL ± 1/32 -ANGULAR +1° -3° -DECIMAL ± .030 -REFERENCE ( )

NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED

OPTION CODE (-)KHL-C120; (-)KHL-D120; (-)KHL-D180

OPTION CODE	HAIL GUARD	STAINLESS STEEL HT. EXCHANGER	NON-POWERED CONV. OUTLET/ UNFUSED SERV. DISC.	LOW AMBIENT/ COMFORT ALERT
AA	NO OPTIONS			
AD	X			
AJ		X		
AH			X	
AR				X
BF	X		X	
BG	X	X		
CY		X	X	X
JD	X			X
JB		X	X	
KA	X	X		X
DP	X	X	X	X

ECONOMIZER SELECTION FOR (-)KHL- C120; (-)KHL-D120; (-)KHL-D180

OPTION CODE	NO ECONOMIZER	SINGLE ENTHALPY ECONOMIZER W/DDC & BAROMETRIC RELIEF	SINGLE ENTHALPY ECONOMIZER W/DDC, BAROMETRIC RELIEF & SMOKE DETECTOR
A	X		
H		X	
J			X

Example: RKHL-C120CL15E**XXX** (Where **XX** is factory installed option.)
Example: No Options
RKHL-C120CL15E
Example: No Options with factory installed economizer
RKHL-C120CL15EAAH
Example: Options with stainless steel heat exchanger and no factory installed economizer.
RKHL-C120CL15EAJA
Example: Options same as above with factory installed economizer
RKHL-C120CL15EAJH

NOTE: See Sheet E2 for phantom options.

CHECKED BY:	APPROVED BY:	RELIAB. ENGR.:	VENDOR APPROVAL:	DR. BY: ZJW DATE: 05-26-11	ORIGINAL RELEASE No.: R-1047S002	MATERIAL:

(-)KHL PRODUCT INFORMATION UNIT OPTIONS	PART NO. ADS-5111-08L	SHEET NO. E1	REV. 04

REV						
	01	ADDED ECONOMIZER OPTION PHANTOMS "H" AND "J" FOR RHEEM WARM DARK GRAY. ZJW	R-1047S009 08-30-11			
	02	REMOVED "D" AND "E" OPTIONS. NO RHEEM GREEN ECONOMIZERS OFFERED. ZJW	R-1053S003 09-04-12			

STANDARD TOLERANCE UNLESS OTHERWISE NOTED: -FRACTIONAL ± 1/32 -ANGULAR +1° -3° -DECIMAL ± .030 -REFERENCE ( )

NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED

OPTION PHANTOM	DESCRIPTION
#KHL-C***OPT??H	SINGLE ENTHALPY ECONOMIZER W/DDC (RHEEM WARM DARK GRAY)
#KHL-C***OPT??J	SINGLE ENTHALPY ECONOMIZER W/SMOKE DETECTOR & DDC (RHEEM WARM DARK GRAY)
#KHL-C***OPTAD	HAIL GUARD
?KHL-C***-&&EAJ	S.S. HEAT EXCHANGER
#KHL-C***@OPTAH	NON-POWERED CONV. OUTLET /UNFUSED SERV. DISCONNECT
?KHL-C***OPTAR	LOW AMBIENT/COMFORT ALERT
# = R	COLOR
*** = 120	UNIT SIZE
&& = 15, 22	HEATING INPUT
@ = C,D	VOLTAGE

CHECKED BY:	APPROVED BY:	RELIAB. ENGR.:	VENDOR APPROVAL:	DR. BY: ZJW DATE: 05-26-11	ORIGINAL RELEASE No.: R-1047S002	MATERIAL:

REV						
	01	ADDED D180 MODELS. ZJW	R-1056S003 03-04-13			

STANDARD TOLERANCE UNLESS OTHERWISE NOTED: -FRACTIONAL ± 1/32 -ANGULAR +1° -3° -DECIMAL ± .030 -REFERENCE ( )

NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED

OPTION PHANTOM	DESCRIPTION
#KHL-D***OPT??H	SINGLE ENTHALPY ECONOMIZER W/DDC (RHEEM WARM DARK GRAY)
#KHL-D***OPT??J	SINGLE ENTHALPY ECONOMIZER W/SMOKE DETECTOR & DDC (RHEEM WARM DARK GRAY)
#KHL-D***OPTAD	HAIL GUARD
?KHL-D***-&&EAJ	S.S. HEAT EXCHANGER
#KHL-D***@OPTAH	NON-POWERED CONV. OUTLET /UNFUSED SERV. DISCONNECT
?KHL-D***OPTAR	LOW AMBIENT/COMFORT ALERT
# = R	COLOR
*** = 120, 180	UNIT SIZE
&& = 15, 22	HEATING INPUT D120
&& = 25, 35	HEATING INPUT D180
@ = C,D	VOLTAGE

CHECKED BY:	APPROVED BY:	RELIAB. ENGR.:	VENDOR APPROVAL:	DR. BY: ZJW DATE: 09-04-12	ORIGINAL RELEASE No.: R-1053S003	MATERIAL:
PK	RJ					

(-)KHL PRODUCT INFORMATION
UNIT OPTIONS

PART NO. ADS-5111-08L | SHEET NO. E3 | REV. 01