

Unitary
Products
Service Tips

DATE: April 10, 2016 **ST-004-16**

TO: All Branch Service Managers

All Distribution Service Managers

All Regional Managers

SUBJECT: LX Series residential package unit rating plate information for **single** point and **multi** point wiring applications, approved accessory heat kits and single point wiring accessory kits.

Product Models: PCE4*, PHE4*

New platform LX Series heat pump residential package units began shipping in July of 2015. New platform LX Series cooling only residential package units began shipping in August of 2015.

Both series units use our S1-6HK series electric heat kits. Both series units can be applied with single source or multi source power supplies when an accessory heat kit is installed. When using electric heat kits, a single source power supply requires the use of a single source power supply accessory kit S1-2SPWK***. No package unit models are available with factory installed electric heat packages. Initial rating plate layout on these model units only contained data for single point power connections.

Before a unit can be shipped from the manufacturing facility for distribution and installation the rating plate must be approved by the appropriate rating agency. Even though the rating plate only listed single point wiring data, these units WERE approved for both single point and multi point wiring connections. The data for multi point wiring can be found in the unit installation manual as well as unit technical guide.

Some local mechanical and / or electrical inspection departments did not approve of the initial rating plate layout. For the customer's convenience, we made a decision to add multi point wiring information along with single point wiring information to the rating plate. Initial rating plates also

contained the unit refrigerant charging chart. An image of the initial rating plate is shown below.

Model (Número de	Number e modéle)	er	盂	48	PHE4B4821A	#	118	184					THE N
Serial Numero de	Number le serie)	er	W	N52	W1N5215888	88						*	45000
Compressor ID Blower (OD Fan (Ve	r (Sol Ventil	(Compresseur) uffleur D I) ateur D E 1	senri	Elec	Electrical Loads 208-230 208-230 208-230	1 Load 208 – 23 208 – 23 208 – 23	230 V 1 230 V 1 230 V 1	五五五	ZH 09 ZH 09 ZH 09	22.0 RLA 5.4 FLA 1.7 FLA		314 HP 1/3 HP	<t< td=""></t<>
Factory Refrig	Factory Refrigerant Charge (Charge a Tusine)	ant Ch	large	(R410A)	JA):		12 11	sq		13	20		
Minimu		pressures	es	High	High Side	-445	5 PSIG	5	Low	Low Side-	-	236 P	PSIG
Heater (Unite de	Heater Kit Model (Unite de chauffage)	_		Hea 208	ter ter	ic Heat r kW age kW) 230		Min Girc Amp. 208 / 23	Circ / 230		Max or B 208	Max Fuse or Breaker 208 / 230	
[] NONE	E			0.	-	0.	(,)	34.4	/ 34.4	4	20		
[] 6HK	6HK(0.1)6500506 6HK(0.1)6500806	3506		3.6	4 -	4.4	., 0	56.0	/ 58.3	e, c	02	170	
[] 6HK	6НК(0,1)6501006	9001		7.2	. 7	8.8		77.6	1 82.2	5 2	00	/ 90	
[] 6HK	6HK(1,2)6501306	1306		9.4		11.5	3, 0	8.06	96 /	6.	100	/ 100	
I J 6HK	6HK(1.2)6501806	9081		13.0		15.9	_	112 5	1.00.1	120.1	125	/ 125	
[] 6HK	6НК(1,2)6502006	9007		14.4	-	9.7	- =	120.9	/ 13(130.0	125	/ 150	
		R-4	-410/	A Cha	410A Charging Chart re - PSIG	Cha	-	10/3/11/3/1/4	18 18 18 14 14 1				
Ambient	112		3	127	130	134	138	141	145	149	15	3 156	-
08 °F	Su		Temperature	1	Fahrenheit	eit							i
おるなただ会 PHE4B4	552 543 543 554 554 554 554 554 554 554 554	5,50,50,50,50	5887266 58874	5988377	559 559 610 610	99999	6535252	:::::	::::::	::::::	::::::		I was a second
	57	200	600	952	6325	663	655	999	: :89	:::			X - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
355		:::	64	99	65	989	69	900	200	77:			10 11 6
252		:::	:::	8::	89 ::	70	72	72 73	732	75			
Incorrect may caus	Incorrect system charging can may cause equipment damage	charg	jing c		reduce	system capacity	m ca	pacit	y and		efficiency	y and	-
	Johnson Controls Unitary Products,	irols Un	itany Pn	cts,	oducts, 5005 York Drive, Country of Origin: USA	ork Dri	ei .	Norman, (OK 73069	69			
-			-		1			9					1

To make room for the additional electrical heat multi point information, a separate charging chart label is provided on the unit. The new charging chart label is located on the inside of the compressor access panel. An image of the new charging chart is shown below.

12 X 18 X						R-	410A	Cha	rain	g Ch	art					
	Outdoor			S	uction P	ressure	- PSIG		9	9	-				-	
EL-CHORTO.	Ambient			112	115	119	123	127	130	134	138	141	145	149	153	156
Model Number (Número de modéle)	DB °F			Sucti	ion Temp	erature	- Fahr				100		110	145	100	100
PHE4B4821A																
I IIL4D40Z IA		포	55	50	52	53	55	57	58	60	62					
Serial Number		PHE4B48	60	51	52	54	56	57	59	60	62					
(Número de serie)		48	65	52	53	55	56	58	59	60	62		• • •			**
			70	53	54	55	57	58	59	61	63		**			
W1N5215888		May 1	75	54	55	56	58	59	60	62	63	**	**			
		3.193	80		56	57	58	60	61	62	64	65	**	**	**	
			85		57	58	59	60	61	63	64	65				
			90			59	60	61	62	63	65	66				
			95			60	61	62	63	64	65	66	68			
			100				62	63	64	65	66	67	68			
			105				64	65	65	66	67	68	69	70		
		190	110					66	67	68	69	69	70	71		
			115					66	68	69	70	71	72	72	73	
			120							70	71	72	73	74	75	75
		1	125							70	72	73	74	75	76	76

The new format of unit rating plates went into production in February of 2016. Keep in mind the initial version of rating plates are approved by the

appropriate agency for single or multi point wiring. An image of the current version rating plate is shown below.

Compressor Compresser Compressor Com	Electrical Loads 208 - 220 V PH 60 HZ 22.0 RLA 1170 LB	Serial Number				SHUTTING.		59763
Pressures	Pressures	pressor llower (Sou Fan (Ventil	(ine		888		-62-	DILRA
Electric Heat: Single Source Power	Electric Heat: Single Source Power	Factory Refrigerant Ch (Charge a fusine)	arge (R410A)		žą.		2	
Heater KW	Heater KW Min Circ Chaufings Win Circ Chaufings Min Circ Max Fuse Chaufings Min Circ M	Minimum test pressure (Pression dessai min)		445		ow Side		
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6HK16500506 3.60 / 4.40 56.00 / 58.30 70 70 6HK16500806 5.80 77.10 69.20 / 77.50 82.20 90 90 90 90 6HK16501006 7.20 8.80 77.50 82.20 90 90 90 90 90 90 90	6HK16500506 3.60 / 4.40 56.30 / 58.30 70 / 70 6HK16500806 7.20 / 8.80 77.50 / 82.20 90 / 90 6HK16501306 7.20 / 8.80 77.50 / 82.20 90 / 90 6HK16501306 9.40 / 11.50 90.80 / 96.90 100 / 100 6HK16501306 13.00 / 15.90 112.50 / 120.80 125 / 125 6HK16501306 13.00 / 15.90 112.50 / 120.80 125 / 125 6HK16501306 13.00 / 15.90 112.50 / 120.80 125 / 125 6HK16501306 13.00 / 15.90 112.50 / 120.80 125 / 125 6HK16501306 14.40 / 17.50 120.90 / 130.00 125 / 130 6HK1651306 34.4 34.4 33.4 33.8 1.30 / 30.8 2.08 2.30 6HK1651306 34.4 34.4 33.4 33.8 1.30 / 30.8 2.08 2.08 2.08 6HK1651306 34.4 34.4 33.4 33.8 30.80 45.80 6.80 6.80 6HK1651306 34.4 34.4 33.4 33.8 30.80 45.80 6.80 6.80 6HK1651306 34.4 34.4 33.4 33.8 30.80 45.80 6.80	I I NONE	00.	00. /	-	34.40	-	00
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6HK16501306 9.40 / 11.50 90.80 / 96.90 100 / 100 1	6HK16501306 9.40 / 11.50 90.80 / 96.90 100 / 100 6HK16501306 10.80 / 13.20 112.50 / 106.10 100 / 110 6HK16501306 14.40 / 17.50 120.90 / 130.00 125 / 125 6HK16502006 14.40 / 17.50 120.90 / 130.00 125 / 150 6HK16502006 14.40 / 17.50 120.90 / 130.00 125 / 150 6HK16502006 14.40 / 17.50 120.90 / 130.00 125 / 150 700Ne de chauffage) 208 / 230 208 / 230 700Ne de chauffage) 208 / 230 208 / 230 700Ne de chauffage) 24.7 / 34.4 21.5 23.9 20.8 / 20.8 / 20.8 700Ne de chauffage) 24.7 / 34.4 21.5 23.9 20.8 / 20.8 / 20.8 700Ne de chauffage) 24.7 / 34.4 21.5 23.9 20.8 / 20.8 / 20.8 700Ne de chauffage) 24.7 / 34.4 21.5 23.9 20.8 / 20.8 / 20.8 700Ne de chauffage) 24.7 / 34.4 21.5 23.9 20.8 / 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8 23.8 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8 23.8 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8 23.8 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8 23.8 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8 23.8 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8 23.8 20.8 / 20.8 700Ne de chauffage) 24.7 / 24.4 24.4 23.4 23.8	1 5HK16501006	7.20	7 8.80		82.20		2 8
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SHK16502006	SHK16502006	[] 6HK16501506	10.80			06.10		22
Mark Heater Kit Installed With IX] In Box Above. Heater Kit Model Electric Heat: Multi—Source Power Min Circ Or Breaker Amp. Cx208 / 230 208 / 230 208 / 230 1 NONE Swart Heater Kit Model CKT 1 CKT 2 CKT 3 CKT 1 CKT 2 CKT 3 CKT 1 CKT 2 CKT 2 CKT 1 CKT 2 CKT 1 CKT 2 C	Mark Heater Kit Installed With IX] In Box Above. Max Fuse	[] 6HK16501806 [] 6HK16502006	13.00		The same of	30.00		120
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HKT651806	HK1652006					20 00	22	
GHK265106	GHKZ651306	-		-	-	200	45	-
GHK2651306	GHK2651306		-	-	-	/ 20	/ 20	-
6HK2651506	6HK2651506		-	-	-	-	2	-
6HK2651806	6HK2651806	-	-	-	-	-	-	-
i 6HKZ652006 34.4 34.4 86.5 95.7 50 50 90 Mark Heater Kit Installed With [X] In Box Above.	j 6HKZ652006 34.4 / 34.4 86.5 / 95.7 / 90 / 90 / 90 / 90 / 90 / 90 / 90 / 9	-	-	-	-	-	-	-
Mark Heater Kit Installed With [X] In Box Above.	Mark Heater Kit Installed With [X] in Box Above. (Indiquer les options installés par un [X] entre les crochets)	-	-	-	-	-	-	-
Mark Heater Kit Installed With [X] in Box Above.	Mark Heater Kit Installed With [X] In Box Above. (Indiquer les options installés par un [X] entre les crochets)							
		Mark Heater Kit Install (Indiquer les options install	alled With [X]	In Box Abc	s) s)			

If you have a unit that will not pass inspection due to the initial rating plate with the unit wired for multi point power, we can provide you with an additional information label and new charging label. This will be addressed on a case by case basis and only provided if absolutely necessary.

If you require additional information label and charging label contact UPG Residential Technical Services distributor support at 1-877-UPG-SERV (1-877-874-7378) or email us at cg-upgtechsupport@jci.com. A photograph of the initial rating plate must be provided to Technical Services.

There will be no labor allowance provided to install the additional information label, as the initial rating plate was approved by the appropriate rating agency for shipment and installation.

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