



PRODUCT INFORMATION NOTICE

Subject: Next-Gen All-Temp Nozzle Update

By: Raleigh Thompson
Issue: Literature Update

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Since the literature publication in May 2018, some distributor nozzles have changed for the Next-Gen All-Temp Low Profile Unit Coolers. The following charts replace the ones in publications RU-RLX-0618A, WT-WLX-0618A, KM-KLX-0618A and CZ-CLX-0618A. Please use the following charts instead of the printed version so you can select the correct nozzles and expansion valves.

Distributor Nozzle and Expansion Valves - Air Defrost Models

Model Number	Part Numbers						No. of Circuits	
	Nozzle @ Liq. Temp.		TXV [^] @ Liq. Temp.		EEV @ Liq. Temp.			
	50°F	100°F	50°F	100°F	50°F	100°F		
R404A								
6 FPI	*L6A041***	-	-	SBFSE-AAA-C	SBFSE-AA-C	SER-AA	SER-AA	1
	*L6A052***	-	-	SBFSE-AA-C	SBFSE-AA-C	SER-AA	SER-A	1
	*L6A066***	L, #1/4	L, #3/4	SBFSE-AA-C	SBFSE-A-C	SER-A	SER-A	2
	*L6A073***	L, #1/4	L, #3/4	SBFSE-AA-C	SBFSE-A-C	SER-A	SER-A	2
	*L6A094***	L, #1/4	L, #1	SBFSE-A-C	SBFSE-A-C	SER-A	SER-B	2
	*L6A117***	L, #1/3	L, #1-1/2	SBFSE-A-C	SBFSE-A-C	SER-A	SER-B	3
	*L6A130***	L, #1/2	L, #1-1/2	SBFSE-A-C	SBFSE-B-C	SER-B	SER-B	3
	*L6A141***	L, #1/2	L, #1-1/2	SBFSE-A-C	SBFSE-B-C	SER-B	SER-B	4
	*L6A161***	L, #1/2	L, #1-1/2	SBFSE-A-C	SBFSE-B-C	SER-B	SER-C	3
	*L6A181***	L, #1/2	L, #2	SBFSE-B-C	SBFSE-B-C	SER-B	SER-C	4
	*L6A195***	L, #3/4	L, #2	SBFSE-B-C	SBFSE-B-C	SER-B	SER-C	4
	*L6A235***	L, #3/4	L, #2-1/2	SBFSE-B-C	SBFSE-C-C	SER-C	SER-C	6
	*L6A260***	L, #3/4	L, #2-1/2	SBFSE-B-C	SBFSE-C-C	SER-C	SER-C	6
	*L6A295***	L, #1	L, #3	SBFSE-B-C	SBFSE-C-C	SER-C	SER-C	8
*L6A330***	L, #1	L, #4	SBFSE-C-C	EBSS-6-C	SER-C	SER-C	7	
*L6A390***	L, #1-1/2	L, #4	SBFSE-C-C	EBSS-6-C	SER-C	SER-C	8	

R407A/ R448A/ R449A/B†

6 FPI	*L6A041***	-	-	SBFDE-AA-C	SBFDE-AA-C	SER-AA	SER-AA	1
	*L6A052***	-	-	SBFDE-AA-C	SBFDE-AA-C	SER-AA	SER-AA	1
	*L6A066***	L, #1/4	L, #3/4	SBFDE-AA-C	SBFDE-AA-C	SER-A	SER-A	2
	*L6A073***	L, #1/4	L, #3/4	SBFDE-AA-C	SBFDE-AA-C	SER-A	SER-A	2
	*L6A094***	L, #1/3	L, #1	SBFDE-AA-C	SBFDE-A-C	SER-A	SER-A	2
	*L6A117***	L, #1/2	L, #1-1/2	SBFDE-A-C	SBFDE-A-C	SER-A	SER-B	3
	*L6A130***	L, #1/2	L, #1-1/2	SBFDE-A-C	SBFDE-A-C	SER-B	SER-B	3
	*L6A141***	L, #1/2	L, #1-1/2	SBFDE-A-C	SBFDE-A-C	SER-B	SER-B	4
	*L6A161***	L, #3/4	L, #1-1/2	SBFDE-A-C	SBFDE-B-C	SER-B	SER-B	3
	*L6A181***	L, #3/4	L, #2	SBFDE-A-C	SBFDE-B-C	SER-B	SER-B	4
	*L6A195***	L, #3/4	L, #2	SBFDE-A-C	SBFDE-B-C	SER-B	SER-B	4
	*L6A235***	L, #1	L, #2-1/2	SBFDE-B-C	SBFDE-B-C	SER-B	SER-C	6
	*L6A260***	L, #1	L, #2-1/2	SBFDE-B-C	SBFDE-C-C	SER-C	SER-C	6
	*L6A295***	L, #1-1/2	L, #3	SBFDE-B-C	SBFDE-C-C	SER-C	SER-C	8
*L6A330***	L, #1-1/2	L, #3	SBFDE-B-C	SBFDE-C-C	SER-C	SER-C	7	
*L6A390***	L, #1-1/2	L, #4	SBFDE-C-C	SBFDE-C-C	SER-C	SER-C	8	

Distributor lines are 3/16" diameter and 14" long. Distributor connection size is 1/2" for all air defrost models.

* Each asterisk represents a variable character based on voltage, motor and vintage ordered. See page 4 for nomenclature.

- Single feed circuit coils do not get a distributor/nozzle.

^ TXV selections are based on +25°F suction temp., 8°F to 12°F evaporator TD. Contact factory for operating conditions outside of this range.

† SBFDE expansion valves are compatible with R407A, R448A and R449A/B. For other valves, follow manufacturers selection guidelines.

Base models (no factory-mounted components) include nozzles sized for 100°F liquid shipped loose.

Distributor Nozzle and Expansion Valves - Electric Defrost Models

Model Number	Part Numbers						No. of Circuits	
	Nozzle @ Liq. Temp.		TXV [^] @ Liq. Temp.		EEV @ Liq. Temp.			
	50°F	100°F	50°F	100°F	50°F	100°F		
R404A								
6 FPI	*L6E035***	-	-	SBFSE-AAA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L6E042***	L, #1/3	L, #3/4	SBFSE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L6E049***	L, #1/2	L, #1	SBFSE-AA-ZP	SBFDE-A-ZP	SER-AA	SER-A	2
	*L6E066***	L, #1/2	L, #1	SBFSE-AA-ZP	SBFDE-A-ZP	SER-A	SER-A	2
	*L6E077***	L,#3/4	L, #1-1/2	SBFSE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	3
	*L6E090***	L,#3/4	L, #1-1/2	SBFSE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	5
	*L6E105***	L,#1	L, #2	SBFSE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L6E121***	L, #1	L, #2	SBFSE-A-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L6E142***	L,#1-1/2	L, #2-1/2	SBFSE-A-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L6E162***	L,#1-1/2	L, #2-1/2	SBFSE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6
*L6E182***	L, #1-1/2	L, #3	SBFSE-B-ZP	SBFDE-C-ZP	SER-B	SER-C	6	
*L6E200***	L, #1-1/2	L, #3	SBFSE-B-ZP	SBFDE-C-ZP	SER-B	SER-C	6	
*L6E244***	L, #2	L, #4	SBFSE-C-ZP	EBSSSE-6-ZP	SER-C	SER-C	9	
*L6E281***	G, #2-1/2	G, #5	SBFSE-C-ZP	EBSSSE-6-ZP	SER-C	SER-C	12	
4 FPI	*L4E027***	-	-	SBFSE-AAA-ZP	SBFSE-AA-ZP	SER-AA	SER-AA	1
	*L4E032***	-	-	SBFSE-AA-ZP	SBFSE-AA-ZP	SER-AA	SER-AA	1
	*L4E038***	L, #1/3	L, #3/4	SBFSE-AA-ZP	SBFSE-AA-ZP	SER-AA	SER-AA	2
	*L4E051***	L, #1/2	L, #1	SBFSE-AA-ZP	SBFSE-A-ZP	SER-AA	SER-A	2
	*L4E064***	L, #1/2	L, #1-1/2	SBFSE-AA-ZP	SBFSE-A-ZP	SER-A	SER-A	3
	*L4E080***	L, #3/4	L, #1-1/2	SBFSE-A-ZP	SBFSE-A-ZP	SER-A	SER-A	6
	*L4E094***	L, #3/4	L, #2	SBFSE-A-ZP	SBFSE-A-ZP	SER-A	SER-B	6
	*L4E110***	L, #1	L, #2	SBFSE-A-ZP	SBFSE-B-ZP	SER-A	SER-B	6
	*L4E125***	L, #1	L, #2-1/2	SBFSE-A-ZP	SBFSE-B-ZP	SER-B	SER-B	6
	*L4E141***	L, #1	L, #2-1/2	SBFSE-A-ZP	SBFSE-B-ZP	SER-B	SER-B	6
	*L4E155***	L, #1-1/2	L, #2-1/2	SBFSE-A-ZP	SBFSE-C-ZP	SER-B	SER-B	6
	*L4E195***	L, #2	L, #4	SBFSE-B-ZP	SBFSE-C-ZP	SER-B	SER-C	9
	*L4E230***	G, #2	G, #4	SBFSE-C-ZP	SBFSE-C-ZP	SER-B	SER-C	12
R407A/ R448A/ R449A/B†								
6 FPI	*L6E035***	-	-	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L6E042***	L, #1/3	L, #3/4	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L6E049***	L, #1/3	L, #3/4	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L6E066***	L, #1/2	L, #1	SBFDE-AA-ZP	SBFDE-A-ZP	SER-A	SER-A	2
	*L6E077***	L, #3/4	L, #1	SBFDE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	3
	*L6E090***	L, #3/4	L, #1-1/2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-A	5
	*L6E105***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L6E121***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L6E142***	L, #1-1/2	L, #2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L6E162***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6
	*L6E182***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6
	*L6E200***	L, #1-1/2	L, #3	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6
	*L6E244***	L, #2	L, #4	SBFDE-C-ZP	SBFDE-C-ZP	SER-B	SER-C	9
*L6E281***	G, #2-1/2	G, #4	SBFDE-C-ZP	SBFDE-C-ZP	SER-C	SER-C	12	
4 FPI	*L4E027***	-	-	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L4E032***	-	-	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L4E038***	L, #1/3	L, #3/4	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L4E051***	L, #1/2	L, #3/4	SBFDE-AA-ZP	SBFDE-A-ZP	SER-AA	SER-AA	2
	*L4E064***	L, #1/2	L, #1	SBFDE-AA-ZP	SBFDE-A-ZP	SER-A	SER-A	3
	*L4E080***	L, #3/4	L, #1-1/2	SBFDE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	6
	*L4E094***	L, #3/4	L, #1-1/2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-A	6
	*L4E110***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L4E125***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L4E141***	L, #1	L, #2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L4E155***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L4E195***	L, #1-1/2	L, #3	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	9
	*L4E230***	G, #2	G, #4	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-C	12

Distributor lines are 3/16" diameter and 14" long. Distributor connection size is 1/2" for electric defrost models with "L" nozzle and 7/8" for models with "G" nozzle.

* Each asterisk represents a variable character based on voltage, motor and vintage ordered. See page 4 for nomenclature.

- Single feed circuit coils do not get a distributor/nozzle.

^ TXV selections are based on -20°F suction temp., 8°F to 12°F evaporator TD. Contact factory for operating conditions outside of this range.

Do not use pressure limiting TXVs when the condensing unit includes a CPR valve.

† SBFDE expansion valves are compatible with R407A, R448A and R449A/B. For other valves, follow manufacturers selection guidelines.

Base models (no factory-mounted components) include nozzles sized for 100°F liquid shipped loose.

Distributor Nozzle and Expansion Valves - Hot Gas Defrost Models

	Hot Gas 3-Pipe Model Number	Hot Gas Reverse Cycle 2-Pipe Model Number	Part Numbers						No. of Circuits
			Nozzle @ Liq. Temp.		TXV [^] @ Liq. Temp.		EEV @ Liq. Temp.		
			50°F	100°F	50°F	100°F	50°F	100°F	
R404A									
6 FPI	*L6H035***	*L6G035***	-	-	SBFSE-AAA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L6H042***	*L6G042***	L, #1/3	L, #3/4	SBFSE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L6H049***	*L6G049***	L, #1/2	L, #1	SBFSE-AA-ZP	SBFDE-A-ZP	SER-AA	SER-A	2
	*L6H066***	*L6G066***	L, #3/4	L, #1-1/2	SBFSE-AA-ZP	SBFDE-A-ZP	SER-A	SER-A	2
	*L6H077***	*L6G077***	L, #3/4	L, #1-1/2	SBFSE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	3
	*L6H090***	*L6G090***	L, #3/4	L, #2	SBFSE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	5
	*L6H105***	*L6G105***	L, #1	L, #2	SBFSE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L6H121***	*L6G121***	L, #1	L, #2-1/2	SBFSE-A-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L6H142***	*L6G142***	L, #1-1/2	L, #2-1/2	SBFSE-A-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L6H162***	*L6G162***	L, #1-1/2	L, #3	SBFSE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6
*L6H182***	*L6G182***	L, #1-1/2	L, #4	SBFSE-B-ZP	SBFDE-C-ZP	SER-B	SER-C	6	
*L6H200***	*L6G200***	L, #2	L, #4	SBFSE-B-ZP	SBFDE-C-ZP	SER-B	SER-C	6	
*L6H244***	*L6G244***	E, #2	E(R), #5	SBFSE-C-ZP	EBSSSE-6-ZP	SER-C	SER-C	9	
*L6H281***	*L6G281***	E, #2-1/2	E(R), #5	SBFSE-C-ZP	EBSSSE-6-ZP	SER-C	SER-C	12	
4 FPI	*L4H027***	*L4G027***	-	-	SBFSE-AAA-ZP	SBFSE-AA-ZP	SER-AA	SER-AA	1
	*L4H032***	*L4G032***	-	-	SBFSE-AA-ZP	SBFSE-AA-ZP	SER-AA	SER-AA	1
	*L4H038***	*L4G038***	L, #1/3	L, #3/4	SBFSE-AA-ZP	SBFSE-AA-ZP	SER-AA	SER-AA	2
	*L4H051***	*L4G051***	L, #1/2	L, #1	SBFSE-AA-ZP	SBFSE-A-ZP	SER-AA	SER-A	2
	*L4H064***	*L4G064***	L, #3/4	L, #1-1/2	SBFSE-AA-ZP	SBFSE-A-ZP	SER-A	SER-A	3
	*L4H080***	*L4G080***	L, #3/4	L, #1-1/2	SBFSE-A-ZP	SBFSE-A-ZP	SER-A	SER-A	6
	*L4H094***	*L4G094***	L, #3/4	L, #2	SBFSE-A-ZP	SBFSE-A-ZP	SER-A	SER-B	6
	*L4H110***	*L4G110***	L, #1	L, #2	SBFSE-A-ZP	SBFSE-B-ZP	SER-A	SER-B	6
	*L4H125***	*L4G125***	L, #1	L, #2-1/2	SBFSE-A-ZP	SBFSE-B-ZP	SER-B	SER-B	6
	*L4H141***	*L4G141***	L, #1-1/2	L, #2-1/2	SBFSE-A-ZP	SBFSE-B-ZP	SER-B	SER-B	6
*L4H155***	*L4G155***	L, #1-1/2	L, #3	SBFSE-A-ZP	SBFSE-C-ZP	SER-B	SER-B	6	
*L4H195***	*L4G195***	E, #2	E(R), #4	SBFSE-B-ZP	SBFSE-C-ZP	SER-B	SER-C	9	
*L4H230***	*L4G230***	E, #2	E(R), #5	SBFSE-B-ZP	SBFSE-C-ZP	SER-B	SER-C	12	
R407A/ R448A/ R449A/B†									
6 FPI	*L6H035***	*L6G035***	-	-	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L6H042***	*L6G042***	L, #1/3	L, #3/4	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L6H049***	*L6G049***	L, #1/2	L, #3/4	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L6H066***	*L6G066***	L, #1/2	L, #1	SBFDE-AA-ZP	SBFDE-A-ZP	SER-A	SER-A	2
	*L6H077***	*L6G077***	L, #3/4	L, #1-1/2	SBFDE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	3
	*L6H090***	*L6G090***	L, #3/4	L, #1-1/2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-A	5
	*L6H105***	*L6G105***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L6H121***	*L6G121***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L6H142***	*L6G142***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6
	*L6H162***	*L6G162***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6
*L6H182***	*L6G182***	L, #1-1/2	L, #3	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6	
*L6H200***	*L6G200***	L, #2	L, #3	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	6	
*L6H244***	*L6G244***	E, #2	E(R), #4	SBFDE-C-ZP	SBFDE-C-ZP	SER-B	SER-C	9	
*L6H281***	*L6G281***	E, #2-1/2	E(R), #5	SBFDE-C-ZP	SBFDE-C-ZP	SER-C	SER-C	12	
4 FPI	*L4H027***	*L4G027***	-	-	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L4H032***	*L4G032***	-	-	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	1
	*L4H038***	*L4G038***	L, #1/3	L, #3/4	SBFDE-AA-ZP	SBFDE-AA-ZP	SER-AA	SER-AA	2
	*L4H051***	*L4G051***	L, #1/2	L, #1	SBFDE-AA-ZP	SBFDE-A-ZP	SER-AA	SER-AA	2
	*L4H064***	*L4G064***	L, #1/2	L, #1	SBFDE-AA-ZP	SBFDE-A-ZP	SER-A	SER-A	3
	*L4H080***	*L4G080***	L, #3/4	L, #1-1/2	SBFDE-A-ZP	SBFDE-A-ZP	SER-A	SER-A	6
	*L4H094***	*L4G094***	L, #3/4	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-A	6
	*L4H110***	*L4G110***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L4H125***	*L4G125***	L, #1	L, #2	SBFDE-A-ZP	SBFDE-B-ZP	SER-A	SER-B	6
	*L4H141***	*L4G141***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6
*L4H155***	*L4G155***	L, #1-1/2	L, #2-1/2	SBFDE-B-ZP	SBFDE-B-ZP	SER-B	SER-B	6	
*L4H195***	*L4G195***	E, #1-1/2	E(R), #3	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-B	9	
*L4H230***	*L4G230***	E, #2	E(R), #4	SBFDE-B-ZP	SBFDE-C-ZP	SER-B	SER-C	12	

Distributor lines are 1/4" diameter and 14" long. Distributor connection size is 1/2" for all hot gas defrost models with "L" nozzle and 1-1/8" for models with "E" nozzle.

* Each asterisk represents a variable character based on voltage, motor and vintage ordered. See page 4 for nomenclature.

- Single feed circuit coils do not get a distributor/nozzle.

^ TXV selections are based on -20°F suction temp., 8°F to 12°F evaporator TD. Contact factory for operating conditions outside of this range.

Do not use pressure limiting TXVs when the condensing unit includes a CPR valve.

† SBFDE expansion valves are compatible with R407A, R448A and R449A/B. For other valves, follow manufacturers selection guidelines.

Base models (no factory-mounted components) include nozzles sized for 100°F liquid shipped loose.

Action:

Please forward this PIN to your customers so they are aware of the product changes. The revised brochure PDFs are available on the Russell, Witt, Kramer and ColdZone websites. In addition to the nozzle changes, the EcoNet® Command Center has also been added to the highlighted features section. We are not re-printing the revised brochures until our existing stock is diminished.

- RU-RLX-0918A replaces RU-RLX-0618A
- WT-WLX-0918A replaces WT-WLX-0618A
- KM-KLX-0918A replaces KM-KLX-0618A
- CZ-CLX-0918A replaces CZ-CLX-0618A

Raleigh Thompson
Marketing Manager

