



J-III L Extended Warranty Report



Models:
AOUA72RLAVL
AOUA96RLAVL
AOUA120RLAVL



FOR REFERENCE AND FIELD USE ONLY
DO NOT SUBMIT FOR EXTENDED WARRANTY

To be completed the
Installing HVAC/R Contractor

Please complete entries on all pages. Refer to the outdoor and indoor unit "Installation Manual" as needed.

Please upload completed Extended Warranty Report to APM, or email to

AOU*RLAVL OU MODELS ONLY**

System Owner			
Address			
		Phone	
Installing contractor			
Address			
Email			
APM or Registration Number		Phone	
Fujitsu Distributor or Rep			
Report Completed By		Phone	
Email		Installation Date	
Outdoor unit total		Start Date	

PLEASE COMPLETE THIS PAGE ONCE PER PROJECT

OUTDOOR UNIT SETUP					
	YES	NO		YES	NO
Unit is level, +/- 3"?			DIP SW. SET1, SET2 and SET5* in the factory default setting?		
All outdoor unit minimum clearances met?			*DIP switch SET 5-1, SET 5-2 and 5-3 in factory default?		
Liquid and vapor service valves (3WV) open completely?			DIP switch SET5-4 ON? Note: (1) ON per network segment		
(Master) OU X1 & X2 resistance check = ohms			Total Refrigerant Charge written on inside cover?		
Resistance check to farthest IU (or SA) = ohms			Power ON at least (12) hours before start up?		

REFRIGERANT PIPING					
	YES	NO		YES	NO
All refrigerant piping properly supported and insulated?			Was a nitrogen purge provided during brazing?		
Any refrigerant piping traps installed?			Did a pressure test of 600 PSIG hold for (24) hours?		
Liquid line drier installed? (HEAT start up only)			All flare and braze connections tested for leaks?		
Vapor line (suction) drier installed? (COOL start up only)			Vacuum level of 500 microns or less held for 60 minutes?		
Drier, if used, installed in the bypass line? (N/A if no drier)			Separation Tube and Headers in their correct orientation?		

ELECTRICAL PRE-START CHECK								
Outdoor Unit(s)			YES	NO	Indoor Unit(s)		YES	NO
AOUA72RLAVL	MCA = 38A	MOCP = 40A			MOCP = 15A			
AOUA96RLAVL	MCA = 39A	MOCP = 40A			Multiple IU's on a single circuit breaker?			
AOUA120RLAVL	MCA = 47A	MOCP = 50A			Individual circuit breaker per IU?			
Voltage at OU disconnect or breaker:					Voltage at IU disconnect or breaker 187 – 253 VAC? (1Ø)			
L1-L2= V	L2-L3= V	L1-L3= V				GFEB or ELCB installed?		
"Fujitsu Pink" (Honeywell 3245) transmission cable installed?					If "NO", enter cable mfg and catalog #:			



PLEASE COMPLETE THIS PAGE FOR EACH REFRIGERANT SYSTEM

AOU***RLAVL OU MODELS ONLY

REFRIGERANT CHARGE (ENTER VALUES TOP TO BOTTOM, L TO R)					ENTER OU REF AD		
REFRIGERANT CHARGE ADDER – LIQUID LINE ONLY			SYSTEM CHARGE CALCULATION				
Liquid pipe length	Refrigerant per foot	Total	Model	Factory Charge	Additional Refrigerant	Total System Charge	
A	B	A X B		24.25 lb.	lb.	lb.	
1 /4"	.014 lb./ft.	lb.					
3/8"	.039 lb./ft.	lb.	Maximum charge check per system		AOU72/96 = 44.1 lb.	AOU120 = 56.4 lb.	
1/2"	.077 lb./ft.	lb.					YES NO
Total Additional Refrigerant		lb.	Maximum charge < (less than) limit?				
If any input needs correction, click RESET ALL and re-enter							

IU SEPARATION TUBE AND HEADER ANGULAR CHECK (NOTE- DOES NOT APPLY IN 1-TO-1 APPLICATION)					
HEADER OPTION			SEPARATION TUBE(S)		
	YES	NO		YES	NO
Header tube flat or within 1° of ground parallel?			Separation Tube vertical or within 15° of ground parallel?		
Header branch lines within 10° of ground parallel?			Are any Separation tubes installed vertically?		

REFRIGERANT PIPING LENGTHS					
ACTUAL PIPE LENGTH			HEIGHT DIFFERENCE (STRAIGHT LINE MEASUREMENT)		
	YES	NO		YES	NO
OU to first Separation Tube or Header > / = 9 ft.?			OD unit to ID unit ≤164 ft.* (OD unit ABOVE ID units)		
OU to nearest IU > / = 16 ft.?			OD unit to ID unit ≤131 ft. (OD unit BELOW ID units)		
OU to farthest IU ≤ = 393 ft.?			Max. distance between IU's ≤ 164 ft.? (OD unit ABOVE ID units)		
First Separation Tube to farthest IU ≤295 ft.?			Max. distance between IU's ≤ 131 ft.? (OD unit BELOW ID units)		
(Farthest IU to ST) - (Nearest IU to ST) ≤ 196 ft.?			Actual piping lengths entered into Design Simulator?		
Total liquid pipe length ≤1,312 ft.?			*Maximum height distance from OD unit to ID unit ≤16 ft. when ODT < 23 deg. F.		

START UP & COMMISSIONING			OUTDOOR UNIT FINCTION CODE F2:00	
	YES	NO	Pipe length between OD unit and nearest ID unit ft.	
"Indoor Unit Connection Check" performed at OU?			Select OU Function Code setting F2:00:	
Service Tool "Address Checker" verification performed?			OU Function Code setting F2:20: (If used)	
"Test Run" performed using "Service Tool"?			Select OU Function Code setting F2:21:	
"Quick Report" created? ("Detailed" Report option)			Select OU Function Code setting F2:28:	
Test Run file (.gz file extension) downloaded and saved?			Select OU Function Code setting F2:29:	
Commissioning data sent to Fujitsu within 120 days of start?				

ADDITIONAL OU FUNCTION SETTINGS*			
OU FUNCTION CODE- DESCRIPTION	VALUE	OUTDOOR UNIT FUNCTION SETING- DESCRIPTION	VALUE
	F2:		F2:
	F2:		F2:

*PLEASE ENTER INDOOR UNIT FUNCTION CODES ON IU MODEL AND SERIAL NUMBER PAGE

Fujitsu General America Incorporated
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Cont: Please complete this page for each refrigerant system, **with REF system IU count up to 30**

Indoor Unit Model Number	Serial Number	REF AD	IU AD	IU FUNCT. CODE	
				FUNCTION #	SETTING

Please use space below for project notes and comments as required.

Notes: