FUJITSU

Extended Warranty Report
J-IIIL Heat Pump

AIRSTAGE™
Variable Refrigerant Flow Systems

J-IIIL

Outdoor unit models:

AOU72RLAVL
AOU96RLAVL
AOU120RLAVL

6 to 10 tons
208/230 VAC 3Ø

To be completed by the installing contractor for Pre-Commissioning

TO BE SUBMITTED ELECTRONICALLY

Adobe Acrobat Reader required to complete

J-III L *Heat Pump Extended Warranty Report, 208/230 VAC*

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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 commissioning@fujitsugeneral.com **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	1	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 #:**		

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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	Select OU model	24.25 lb.	0.00 lb.	24.25 lb.
1 /4"		.014 lb./ft.	0.000 lb.				
3/8"		.039 lb./ft.	0.000 lb.	Maximum charge check per system	AOU72/96 = 44.1 lb.	AOU120 = 56.4 lb.	
1/2"		.077 lb./ft.	0.000 lb.			YES	NO
Total Additional Refrigerant			0.00 lb.		Maximum charge < (less than) limit?	☐	☐
				If any input needs correction, click RESET ALL and re-enter	RESET ALL		

IU SEPARATION TUBE AND HEADER ANGULAR CHECK (NOTE- DOES NOT APPLY IN 1-TO-1 APPLCATION)					
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:	Select Setting Value
Service Tool "Address Checker" verification performed?	☐	☐	OU Function Code setting F2:20: (If used)	Select Setting Value
"Test Run" performed using "Service Tool"?	☐	☐	Select OU Function Code setting F2:21:	Select Setting Value
"Quick Report" created? ("Detailed" Report option)	☐	☐	Select OU Function Code setting F2:28:	Select Setting Value
Test Run file (.gz file extension) downloaded and saved?	☐	☐	Select OU Function Code setting F2:29:	Select Setting Value
Commissioning data sent to Fujitsu within 120 days of start?	☐	☐		

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

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

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Please complete this and following page as needed for each refrigerant system. **Use IU sheet on next page if IU count > 20.**

System #				
Outdoor Unit Model Number	Serial Number	REF AD		

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

For Technical assistance, please contact:

- ✓ Your regional Technical Service Advisor, TSA
- ✓ Fujitsu Service Hotline (888) 888-3424 or (973) 575-0380
- ✓ Fujitsu Technical Support email service@fujitsugeneral.com

Fujitsu General America Incorporated
353 US-46, Fairfield, NJ 07004

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: