

Water Leakage Diagnostics

Company Name: _____

Date: _____

Customer Contact: _____

Telephone Number: _____

Email Address: _____

Mobile Number: _____

Customer PO Number: _____

AJ SO Number: _____

--- It is the expectation that each item be checked/documentated unless not applicable ---

Pre-Field Visit Detail

	Method	Compliance
* AHU Identification/Serial Number	Documented	Yes / No
* AHU Manufacture Date	Documented	Yes / No
* AHU In-Service Date	Documented	Yes / No
* AJ Door Serial Number(s)	Documented	Yes / No
* AJ Door "Gasketed-By" Initials	Documented	Yes / No
* AJ Door "Glazed-By" Initials	Documented	Yes / No
* AJ Door :Packed-By" Initials	Documented	Yes / No

Photographs

* Wide Angle Views of AHU & Door Install Areas	Photograph	Yes / No
* Close-Ups of Door(s) in Question	Photograph	Yes / No
* Close-Ups of Doorframes, Inside & Out	Photograph	Yes / No
* Close-Ups of Gaskets Including Corners	Photograph	Yes / No
* Close-Ups of Hinges, Inside and Out	Photograph	Yes / No
* Close-Ups of Latches (closed) Showing Gasket Compression	Photograph	Yes / No
* Additional Pics Showing Areas of Concern	Photograph	Yes / No

Description of Field Issue (include precise location of leak):

Has the Source of the leak been positively identified?

Describe steps taken to isolate & pinpoint problem areas:

Hardware

* Is the hardware properly installed? Consult AJ Documentation	Visual	OK / Not OK
* Was the hardware re-adjusted after placement of AHU into service?	Documented	Yes / No
* Do the handles wobble when rotated? Any loose parts?	Functional	OK / Not OK
* Do the handles rotate smoothly with firm pressure?	Functional	OK / Not OK
* When closed and latched, does the panel contact the frame?	Visual	OK / Not OK

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Gasketing

- * Are gaskets showing signs of compression (taking a set)?
- * Are gaskets secure and stable in the aluminum gasket channel?
- * Is there any damage to gasket or the aluminum gasket channel?
- * Are there any gaps in gasket joints, especially corners,

Visual	OK / Not OK
Visual	OK / Not OK
Visual	OK / Not OK
Visual	OK / Not OK

Doors

- * Do the doors operate smoothly?
- * Do the hinges appear to be straight?
- * Is the reveal around door / frame consistent?
- * Is the door / frame assembly square (Diagonal Measurements)
- * Is there any damage to the door frame: either to the trim flange that overlays the cabinet wall, or to the aluminum gasket channel?
- * Is proper sealant/gasketing evident between frame & cabinet?
- * Have the doors been modified, painted, removed or replaced?

Functional	OK / Not OK
Visual	OK / Not OK
Visual	OK / Not OK
Functional	OK / Not OK
Visual	OK / Not OK
Visual	OK / Not OK
Visual	Yes / No

Surrounding Areas

- * Is obvious damage visible on the AHU roof, doors, walls, curb, plenum, dampers or louvers?
- * Have all pipe chases, hoods, roofs, louvers, and dampers been inspected for proper sealant and gasketing?

Visual	OK / Not OK
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Visual	OK / Not OK
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AHU / Cabinet Information

- * Was the unit pressure tested at the factory?
- * Did the doors pass the pressure test at the factory?
- * What is the operating pressure of the unit?
- * How are the cabinet seams sealed? Tape, Caulk, Other?
- * How is the door frame sealed to the unit?

Documented	Yes / No
Documented	Yes / No
Documented	_____wg
Visual	
Visual	

Other Pertinent Information
