



MODEL - YIA

INSTALLATION CHECKLIST

Supersedes: 155.16-CL1 (509)

Form 155.16-CL1 (113)

INSTALLATION CHECKLIST AND REQUEST FOR AUTHORIZED STARTUP ENGINEER

CUSTOMER: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

LOCATION: \_\_\_\_\_

PHONE: \_\_\_\_\_

CUSTOMER ORDER NO: \_\_\_\_\_

JCI TEL NO: \_\_\_\_\_

JCI ORDER NO: \_\_\_\_\_

JCI CONTRACT NO: \_\_\_\_\_

CHILLER MODEL NO: \_\_\_\_\_

UNIT SERIAL NO: \_\_\_\_\_

The work (as checked below) is in process and will be completed by: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Month Day Year

The following work must be completed in accordance with installation instructions:

A. GENERAL

- 1. All major pieces, boxes and crates are recieved .....
- 2. No visible signs of damage .....
- 3. With a local YORK / Johnson Controls Service Representative present, open all containers and check for contents against packing list .....
- 4. All damage or sign of possible damage have been reported to the transportation company .....
- 5. Unit mounted on a floor level to 1/4" .....
- 6. Unit located in accordance with the minimum clearance dimensions as recommended .....
- 7. Isolation pads under all four feet, as required.....
- 8. If shipped in two sections, unit assembled under YORK / Johnson Controls supervision.....
- 9. Unit installed in an area protected from weather and maintained at a temperature above freezing ....

B. PIPING

- 1. Condenser water piping installed between condenser, pumps and cooling tower (Include Cross-over Line).....
- 2. Chilled water piping installed between cooler, pumps and cooling coils.....
- 3. Steam or hot water piping installed between unit and source of supply .....
- 4. Condensate traps and removal system installed ....
- 5. Make-up and fill lines installed to cooling tower and chilled water system.....

- 6. All thermometer wells and gauge connections installed in chilled and condenser water lines - trimmed as necessary.....
- 7. Check all water piping checking for strain – Piping shouldnot spring when connections are broken at unit .....
- 8. Water piping leak tested and flushed, and water strainers cleaned after flushing .....
- 9. Piping systems filled with water and trapped air vented .....
- 10. Chilled and condenser water, hot water or steam flow available to meet unit design requirements. ....
- 11. Pressure relief devices if used are vented per all applicable codes .....

C. ELECTRICAL WIRING

- 1. Main and control power supply available .....
- 2. Wiring completed from main power supply to power panel – but not cut to final length or connected to panel .....
- 3. External control wiring completed from Control Center to flow switch(es), pump motor starters, etc. in accordance with Wiring Diagram (155.16-W4) ....
- 4. Power available and wiring completed to the following starters and motors:
  - NOTE:** Do not check unit pump motors rotation.
  - a. Chilled water pumps .....
  - b. Condenser water pumps .....
  - c. Cooling tower fan (if used).....
- 5. Meg-ohm meter available for checking motor windings .....

**D. TESTING EVACUATING AND CHARGING**

(Under YORK/Johnson Controls Supervision Only.)

- 1. R-22 available for testing  
(field reassembled units only) .....
- 2. Dry Nitrogen available for testing  
(field reassembled units only) .....
- 3. YORK Lithium Bromide charge available  
for charging .....
- 4. 2-Ethyl / Hexanol additive is at the job site .....

**Owner's operating personnel:**

- Name: \_\_\_\_\_
- Phone Number: \_\_\_\_\_
- Name: \_\_\_\_\_
- Phone Number: \_\_\_\_\_
- Name: \_\_\_\_\_
- Phone Number: \_\_\_\_\_

**E. CONDITIONS**

- 1. YORK purge pump oil available on job .....
- 2. Cooling load available for testing and operating  
the unit .....
- 3. Personnel available for final wiring connections .....
- 4. Personnel available for start-up and testing.....
- 5. Owner's operating personnel available for  
instruction.....

**CONTRACTOR'S RESPONSIBILITIES AND INSTRUCTIONS TO USE FORM**

This installation checklist provides a quick way to check if all necessary installation work was completed in accordance with all applicable installation instructions in Form 155.16-N3, and when completed, acts as a request for Johnson Controls to furnish start-up supervision.

Complete this form as follows:

- 1. Fill out the top of the page.
- 2. Check off each item as required. Cross out (x) items that do not apply.
- 3. Enter names, initials, and date of the operating personnel who completed the checklist.
- 4. **Bottom of Form:** Enter the date that the Johnson Controls start-up technician should be at the job site and the name(s) of the supervisor(s) to be contacted.
- 5. Retain one copy in files and send one copy to customer.

With reference to the terms of the above contract, we are requesting the presence of your JCI Authorized Representative at the job site on \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ to start the system and instruct operating personnel. Have the JCI representative contact: \_\_\_\_\_  
Month Day Year Name/Phone

We understand that the services of the Johnson Controls Authorized Representative will be furnished in accordance with the contract for a period of time of not more than \_\_\_\_\_ consecutive normal working hours, and we agree that a charge of \_\_\_\_\_ per diem plus travel expenses will be made to Johnson Controls if services are required for longer than \_\_\_\_\_ consecutive normal hours or if repeated calls are required, through no fault of Johnson Controls.

**Customer/Contractor Signature:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Form Completed by:** \_\_\_\_\_

