



# CAPKOLD® COOK-CHILL SYSTEMS

## AIR COOLED REMOTE REFRIGERATION MODEL WJ100-REF-A

Remote Refrigeration Package Model WJ100-REF-A self-contained air cooled unit consisting of a compressor, condenser coils, two or more cooling fans and electrical control and safety subsystems; contained in a corrosion resistant galvanized housing. Unit shall be designed and sized to provide adequate water chilling capacity for the WJ100 WaterJet® Chiller/Cook Tank and will come evacuated and nitrogen charged, for use with R-404A refrigerant. Unit shall be suitable for exterior roof or ground level installation.

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

### STANDARD FEATURES:

- Winterized for cold weather operation
- Semi-hermetic compressor
- Sealed high efficiency compressor, with crankcase heater Temperature limit - 20° F minimum)
- Compressor and condenser coils evacuated and nitrogen charged. For use with R-404A refrigerant only
- Air cooled condensing unit and matching evaporator.
- Welded Pump-Down Receiver Tank with pressure relief valve
- Suction accumulator with factory installed refrigerant filter/dryer with replaceable core
- Compressor Receiver Valves factory mounted
- Compressor and control cabinet fully enclosed with corrosion resistant galvanized panels

### CONTROL PACKAGE:

- Main Power Disconnect
- Head pressure control for all climate ambient temperature operation
- Fuse/panel protection system
- Both Receiver Outlet & Liquid Outlet sight glasses
- Defrost heater contactors
- High/Low pressure control
- Flood type head pressure control

### ADDITIONAL WATERJET® TANK

#### CAPABILITIES:

- For Water Cooled Package see CapKold® spec CK-84

### NOTES:

- WaterJet Remote Refrigeration Package is designed for outdoor installation on a ground level pad or rooftop location. Contact CapKold® for any refrigeration piping run over 100 feet or installation at any elevation higher than 10 feet above the WJ100 unit. Professional consultant and/or mechanical contractor must determine suitability of installation site and provide for all necessary site preparations.
- Refrigerant piping and electrical control wiring between the WaterJet Tank unit and exterior mounted Refrigeration Package must be installed by a licensed refrigeration contractor in accordance with all applicable plumbing and electrical codes, good practice and the detailed installation instructions provided with both system components.

**ORIGIN OF MANUFACTURE:** Designed and manufactured in the United States.





160665 REV B

UTILITY REQUIREMENTS	
DESCRIPTION	CONNECTION
LIQUID LINE	7/8" OD TUBE
GAS SUCTION LINE	1-5/8" OD TUBE
POWER IN	208-230/3/60 TOTAL UNIT AMPS 69.0 AMPS, MCA 84 460-480/3/60 TOTAL UNIT AMPS 33.7 AMPS, MCA 41
APPROX. WEIGHT	1350 LBS EMPTY
REFRIGERANT	404A

