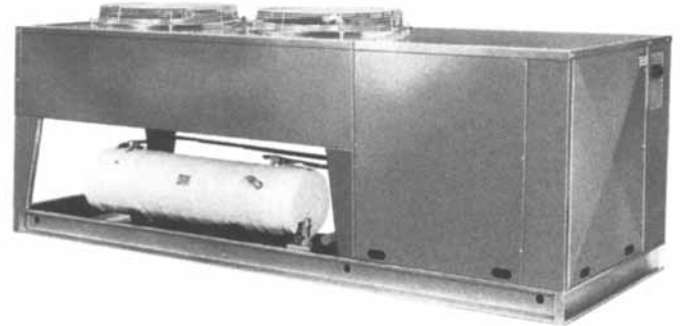


### Air Cooled Remote Refrigeration Package

WJ100-REF-A [For 100 Gal. WaterJet]

Remote Refrigeration Package: Air Cooled



#### General Description:

Remote Refrigeration Package shall be a 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 and will come evacuated and nitrogen charged, for use with R-22 refrigerant. Unit shall be suitable for exterior roof or ground level installation.

#### 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-22 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 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.

# AIR COOLED CONDENSING UNIT 100 GALLON WATERJET

UTILITY REQUIREMENTS		
REF. CODE	DESCRIPTION	CONNECTION
RL	LIQUID LINE	7/8" OD TUBE
RG	GAS SUCTION LINE	1-5/8" OD TUBE
EP	POWER IN	208-240/3/60  480/3/60  RLA 60 AMPS MFS 125 AMPS RLA 29 AMPS MFS 60 AMPS
APPROX. WEIGHT		1560 LBS EMPTY
REFRIGERANT		R22
CHARGE REQUIRED		SEE NOTE #2
DO NOT EXCEED 100 FEET OF REFRIGERATION LINE LENGTH, IF A GREATER LENGTH IS REQUIRED CONTACT GROEN.		

**NOTES:**

1. PRIOR TO INSTALLATION OF THIS EQUIPMENT, CAPKOLD SERVICE DEPARTMENT MUST AUTHORIZE THE USE OF RSES CERTIFIED REFRIGERATION TECHNICIANS.

2. REFRIGERATION CHARGE IS TEMPERATURE AND PIPING LENGTH DEPENDENT. APPROXIMATE 66 TO 100 POUNDS.

3. GENERAL STRUCTURAL LOCATION SHOWN. SPECIFIC STRUCTURAL LOCATIONS AND FASTENING MEANS TO BE DETERMINED AT INSTALLATION.

4. GENERAL UTILITY CONNECTION LOCATIONS SHOWN. ACTUAL LOCATION AND DIMENSIONS DETERMINED BY SITE SPECIFICS.

5. KNOCKOUT LOCATIONS FOR ELECTRICAL POWER ARE LOCATED IN VARIOUS POSITIONS ON REAR OF PANEL.

6. SPECIFIED DIMENSION ARE MINIMUM FOR WORKING CLEARANCE ONLY. AIR FLOW REQUIRES AT LEAST TWO SIDES OPEN (NO WALLS).

COMPLIANCE WITH ALL STATE AND LOCAL CODES IS THE RESPONSIBILITY OF THE INSTALLER.

7. FOR OUTDOOR USE ONLY.

8. ALL DIMENSIONS ±2.00".

9. DUE TO CONTINUAL PRODUCT IMPROVEMENT, ALL DESIGNS, SPECIFICATIONS AND DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.

