

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 03-1247	Issue Date:	CBL: 032 L002001
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Location of Construction: 1 City Ctr	Owner Name: One City Center Associates Llc	Owner Address: Po Box 1150	Phone:
Business Name:	Contractor Name: Avery Services, Inc.	Contractor Address: 7 Thomas Drive Westbrook	Phone: 2077728687
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: B3

Past Use: Commercial Office/Mixed Use	Proposed Use: Commercial Office/Mixed Use: Install a water source AC unit in basement	Permit Fee: \$84.00	Cost of Work: \$6,835.00	CEO District: 1
Proposed Project Description: Install a water source AC unit in basement		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>NA</i> Type: <i>NA</i> <i>10/27/03</i> <i>[Signature]</i>	
		Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied				
Signature: _____ Date: _____				

Permit Taken By: kwd	Date Applied For: 10/14/2003	Zoning Approval		
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>ok [Signature]</i> <i>10/17/03</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied <i>As exterior work requires a separate permit</i> Date: _____
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CERTIFICATION

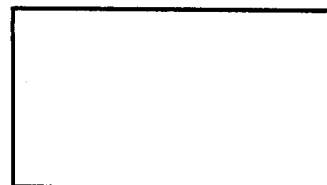
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



03-1247

032 2002

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 1 City Center Use of Building Multi Purpose Date 10/14/03
 Name and address of owner of appliance Unicel/Cellular one/BCC 1 City Center
Portland, Me
 Installer's name and address AVERY SERVICES, INC 7 THOMAS DRIVE
WESTBORO, ME 04092 Telephone 207-772-8687

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid N/A

Appliance Name: Carrier Water Source Heat Pump

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT 1431
 Other _____

Type of Chimney:

- Masonry Lined N/A
 Factory built _____
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____ UL# _____

Type of Fuel Tank

- Oil N/A
 Gas

Size of Tank N/A

Number of Tanks N/A

Distance from Tank to Center of Flame N/A feet.

Cost of Work: \$ 6835.00

Permit Fee: \$ 84.00

Approved

Fire: [Signature]
 Ele.: _____
 Bldg.: [Signature]

Approved with Conditions

- See attached letter or requirement

Signature of Installer [Signature]

Inspector's Signature

Date Approved

PROPOSAL

375

AVERY SERVICES, INC.
7 Thomas Drive
WESTBROOK, MAINE 04092
(207) 772-8687

FAX (207) 874-0933

PO # 512218-000

TO: Cellular One
Attn: Ron Mars
302 Mountain View Drive
Colchester ME 05446

PHONE Fax# 802-655-3619	DATE 7/11/03
JOB NAME / LOCATION Unicel - Installation of a Water Source Air conditioning Unit @ 1 City Center (Eric Sawyer 468-9037/Fax 294-3224)	
JOB NUMBER DCA- 336573	JOB PHONE

We hereby submit specifications and estimates for:

Avery Services, Inc. is pleased to quote as requested on the installation of a Water Source Cooling Unit for your Communication Site @ 1 City Center Building. Scope of work to include:

- Supply & install (1) Carrier 50KQD (1.5 ton) water source cooling unit located in the Communication Room.
- Supply & install (1) Carrier thermostat and low voltage wiring.
- Supply & install a condensate pump & piping to an indirect waste (indirect waste by others).
- Supply & install water piping from existing building main, remote sub meter (as required by the business management personel), and drain line piping to sewer line.
- Start up & test.

NOTE: This is carrying a \$2500 plumbing allowance and is subject to change (change order) depending on plumbing related issues.

EXCLUSIONS: Power wiring, structural, overtime labor, soffiting, painting & adequacy of existing systems.

We Propose hereby to furnish material and labor — complete in accordance with the above specifications, for the sum of: **Six Thousand Eight Hundred Thirty Five and 00/100 Dollars** dollars (\$) **6,835.00**).

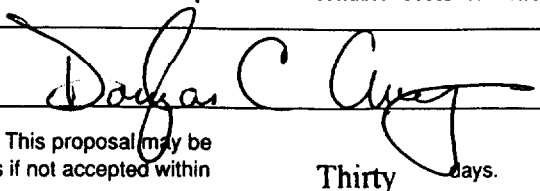
Payment to be made as follows:

25% Upon acceptance - Progress billing/net 10 days - All balances due upon completion

If payment is not made as outlined above, a service charge of 2% per month on the overdue balance plus all reasonable costs of collection, including attorney's fees will be paid.

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.

Authorized Signature


Note: This proposal may be withdrawn by us if not accepted within **Thirty** days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature _____

Date of Acceptance: _____



RURAL CELLULAR CORPORATION

3905 Dakota Street SW • P.O. Box 2000
Alexandria, MN 56308-2000
320.808.2000 • Fax: 320.808.2112
<http://www.rccwireless.com>

Fax Cover Sheet

DATE: *August 28, 2003* TIME: *2:13 PM*
TO: Douglas Avery
COMPANY: AVERY SERVICES, INC
FAX: 207-874-0933

FROM: *Monica Stotesbery*
PHONE: 320/808-2113
FAX: 320/808-2112

RE: REGION PO#: *Shipping Date:

ME & ATL	512218-000	

PLEASE RETURN THIS COVER SHEET WITH SHIP DATES LISTED.

PLEASE LIST DATE AND METHOD OF PO THAT HAS SHIPPED.

Number of pages including cover sheet: 2

The information contained in this facsimile message is privileged and confidential and is intended only for the use of the individual/entity named. Any dissemination of this communication by anyone besides the intended recipient is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us by mail at the above address. Thank you.

AVERY SERVICES, INC.

7 Thomas Drive
WESTBROOK, MAINE 04092
(207) 772-8687
FAX (207) 874-0933

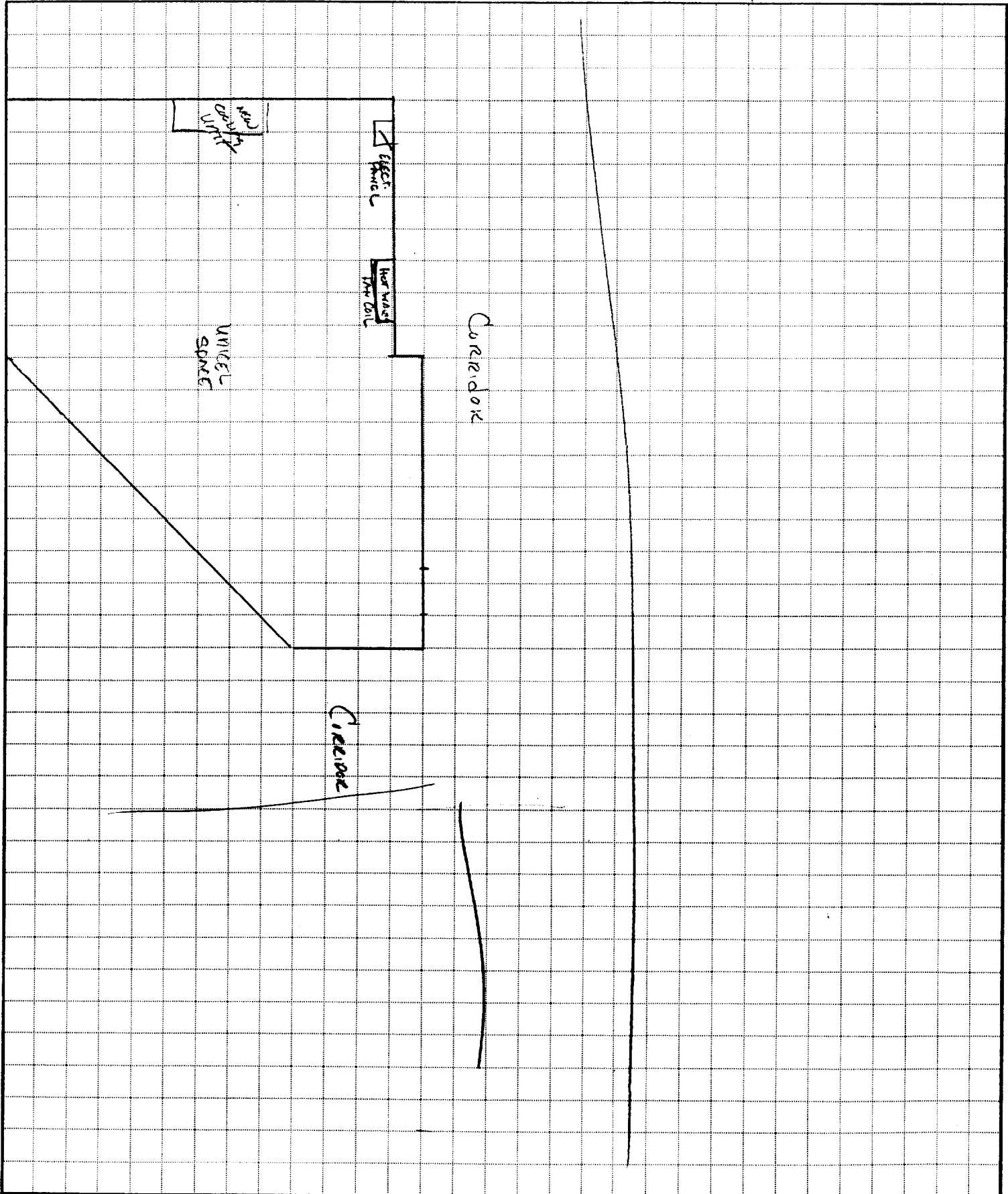
JOB UNICEL - City Center - Portland

SHEET NO. INSURE WATER SOURCE OF HEAT PUMP

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE 1/4" = 1' OPEN





Commercial Products Master Prices

50KQA, KQD AQUAZONE CONSOLE

1/2 to 1-1/2 Tons
Water Source Heat Pumps

Carrier Corporation • Syracuse, N.Y. 13221
SUBJECT TO CHANGE WITHOUT NOTICE

TYPE OF SALE: KQA - 1287, KQD - 1287

F.O.B. SHIPPING POINT
FREIGHT AS PER D.O.M.



50KQ CONSOLE WATER SOURCE HEAT PUMPS

50KQA 007-019 units cover Standard range (60° to 95° F) commercial waterloop (boiler/tower) applications. 50KQD 007-019 units cover extended temperature range (20° to 110° F) commercial waterloop (boiler/tower), open loop, and ground loop applications.

All Commercial water-to-water Water Source Heat Pumps are package water-to-air units, which are factory wired, piped, charged with refrigerant R-22, tested, and ready for installation.

Standard Features:

Warranty/Certification

- Five-year compressor warranty.
- One-year parts warranty.
- Rated in accordance with AR/ISO 13256-1.
- UL listed and CSA certified. Energy Star certified.
- EER's from 12.0 to 12.8
- COP's from 3.8 to 4.6

Cabinetry

- Cabinet and subbase die-formed, galvanized steel construction, with 1/2 acoustic insulation.
- Oven baked powder paint finish.
- Supply air grille is aluminum rigid bar type.
- Chassis is die-formed, galvanized steel construction and fiberglass insulated. Removable without disturbing cabinet installation.
- Condensate pan is coated with baked-on enamel finish and insulated.
- Standard unit has a 3" return air subbase.
- Removable panels are provided for the blower, compressor and control box access.
- Supply and return piping connection sweat connections, MPT, or FPT. All connections may be piped from under the cabinet.
- Filter is permanent cleanable type accessible from the subbase front.
- Top discharge from slanted top. Prevents objects from blocking discharge
- 1 footprint for all sizes.

Refrigerant Circuit

- Sealed refrigeration circuit includes rotary hermetic compressor, (all sizes) 4-way reversing valves, manifolded water-to-refrigerant (tube-in-tube) heat exchanger circuits, thermal expansion valve (TXV) for each circuit, enhanced surface air-to-refrigerant heat exchanger, and safety controls.
- Compressors are heat pump duty, welded hermetic, thermal overload protection and externally mounted on vibration isolation.

- Water-to-refrigerant heat exchanger has a painted steel outer refrigerant tube and a copper inner water tube. Rated refrigerant and water working pressure is 450 psig and 400 psig, respectively. KQD models have thermal insulated heat exchangers.
- Air-to-refrigerant coil has lanced aluminum fins mechanically bonded to internally enhanced copper tubes with rated refrigerant working pressure of 425 psig.

Blower

- Fans are centrifugal forward curve, statically and dynamically balanced.
- Dual wheel, double intake with direct drive double shaft, overload protection, multi-speed PSC type motor.

Controls

- Complete C Microprocessor based Controls standard on all units.
- Features include loss of charge switch, high pressure switch, water and air coil freeze protection (selectable for water or anti-freeze), lockout safety circuit reset at thermostat or disconnect, LED fault indication, five minute anti short cycle, random start, high and low voltage protection, condensate overflow protection, dry contact for alarm, accessory relay, water temperature monitoring (performance sentinel), electric heat output, 50VA transformer.
- Internally mounted control box houses the control transformer, electronic control board, compressor and reversing valve controls.

Factory Installed Options:

Deluxe D Control

- Includes all the the features of the complete C control.
- Additional features include boilerless heat control, fan speed control, input capabilities (e.g. emergency shutdown), accessory relay options, and 75VA transformer.

Piping Connections

- Left or right piping connections are available.

Extended Range Operation

- 50KQD provided with Insulated refrigerant circuit.
- Operating range between 20° to 110° F.

PC 111
SUPERSEDES
PRICE SECTION 50KQA, KQD (1/2 to 1-1/2 Tons)
CATALOG NO. 505-084

SUPERSEDE DATE

10/01/2000

PAGE

EFFECTIVE DATE

1
10/15/2002



Commercial Products Master Prices

50KQA, KQD AQUAZONE™ CONSOLE

1/2 to 1-1/2 Tons
Water Source Heat Pumps

Carrier Corporation • Syracuse, N.Y. 13221
SUBJECT TO CHANGE WITHOUT NOTICE

F.O.B. SHIPPING POINT
FREIGHT AS PER D.O.M.

Thermostat Options

- Units can be provided with manual, automatic changeover or remote thermostat capabilities (remote thermostat sold separately).

Water Circuit Options

- Choice of Standard or high maximum operating pressure differential (MOPD) two-way control valve.
- Standard control valve has a $C_v=3.5$ with MOPD of 20 psi.
- High maximum operation pressure differential (MOPD) control valve has a $C_v=2.5$ with MOPD of 50 psi.
- Internally mounted 2.5 U.S. gpm per ton auto flow regulator.
- Internally mounted 3.0 U.S. gpm per ton auto flow regulator.

Cabinet & Subbase Options

- Cabinet options include bottom return, locking control door, front return, or no cabinet.
- 3" and 5" subbase available with or without motorized outdoor air damper.

Power Connections

- Options include field connected hard wired, 20A plug with or without cord receptacle, disconnect switch with and without fuse.

Heat Exchanger

- Units can be provided with cupronickel coaxial heat exchangers instead of standard copper.
- Piping connections can be FPT, sweat, or MPT.

PremierLink™ DDC Controller

- Includes all the features of the complete C control.
- Additional features include Carrier Comfort Network (CCN) capability to monitor alarm status, unit number, zone temperature, zone set point, zone humidity, discharge air temperature, fan status, leaving water temperature, and demand control ventilation (DCV) capability.
- Supply air temperature and leaving water temperature sensors are factory installed.

Extended warranty Protection

- Consists of three options to cover all extended warranty possibilities.
- Option I includes first year labor allowance on refrigerant circuit repairs.
- Option II includes a second through fifth year parts and labor allowance on refrigerant circuit repairs.
- Option III includes a combination of Option I and II

Field Installed Features (see WSHP accessory price page Catalog 505-087):

- Hose kits and assemblies
- Solenoid Valves
- Aquazone™ Thermostats
- Loop Control Panel



Commercial Products Master Prices

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FREIGHT AS PER D.O.M.

50KQA BASE UNITS MASTER PRICING

Entering Water Temperature Range is 60 to 95 Deg. F

ORDERING NUMBER	VOLTAGE DESCRIPTION	SHIPPING WEIGHT
50KQA007RAS1-AA	115-1-60	
50KQA007RAS3-AA	208/230-1-60	158
50KQA007RAS4-AA	265-1-60	
50KQA009RAS1-AA	115-1-60	
50KQA009RAS3-AA	208/230-1-60	162
50KQA009RAS4-AA	265-1-60	
50KQA012RAS1-AA	115-1-60	
50KQA012RAS3-AA	208/230-1-60	172
50KQA012RAS4-AA	265-1-60	
50KQA015RAS3-AA	208/230-1-60	178
50KQA015RAS4-AA	265-1-60	
50KQA019RAS3-AA	208/230-1-60	183
50KQA019RAS4-AA	265-1-60	

50KQD BASE UNITS MASTER PRICING*

Entering Water Temperature Range is 40 to 110 Deg. F

ORDERING NUMBER	VOLTAGE DESCRIPTION	SHIPPING WEIGHT
50KQD007RAS1-AA	115-1-60	
50KQD007RAS3-AA	208/230-1-60	158
50KQD007RAS4-AA	265-1-60	
50KQD009RAS1-AA	115-1-60	
50KQD009RAS3-AA	208/230-1-60	162
50KQD009RAS4-AA	265-1-60	
50KQD012RAS1-AA	115-1-60	
50KQD012RAS3-AA	208/230-1-60	172
50KQD012RAS4-AA	265-1-60	
50KQD015RAS3-AA	208/230-1-60	178
50KQD015RAS4-AA	265-1-60	
50KQD019RAS3-AA	208/230-1-60	183
50KQD019RAS4-AA	265-1-60	

*Heat exchanger is insulated to prevent sweating.

SUPERSEDE DATE

10/01/2000

PAGE
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