

WATER & ENERGY SOLUTIONS SINCE 1969



Concrete

www.kemcosystems.com

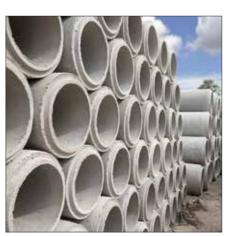
Our Story

Kemco Systems, the industry leader since 1969, designs custom systems that are built to the highest standards of excellence. Whatever your water handling requirements, your savings begin with low installation costs and continue with significantly lower operating costs. Kemco Systems offers outstanding quality, exceptional reliability, and top value for your energy dollar.

Satisfying your energy and water needs means choosing the best solution specific to your industry. Kemco Systems specifies, designs and manufactures full systems including: Water Reuse/ Recycling, Wastewater Treatment, Wastewater Filtration, Efficient Water Heating, High Pressure Pumping, Wastewater Heat Recovery, Stack Heat Recovery, Industrial Chilling, and Total System Monitoring with turnkey solutions.

Kemco's knowledge and experience has provided over 5,000 systems worldwide to the laundry, food, concrete, textile and automotive industries.











Contents

Standard Co

Read Preca

Water Cond

Wate Rever

Open Tank

Oper Low-

Vapor Energ

Vapoi Vapoi Emiss Vapoi

Direct Cont RM 99

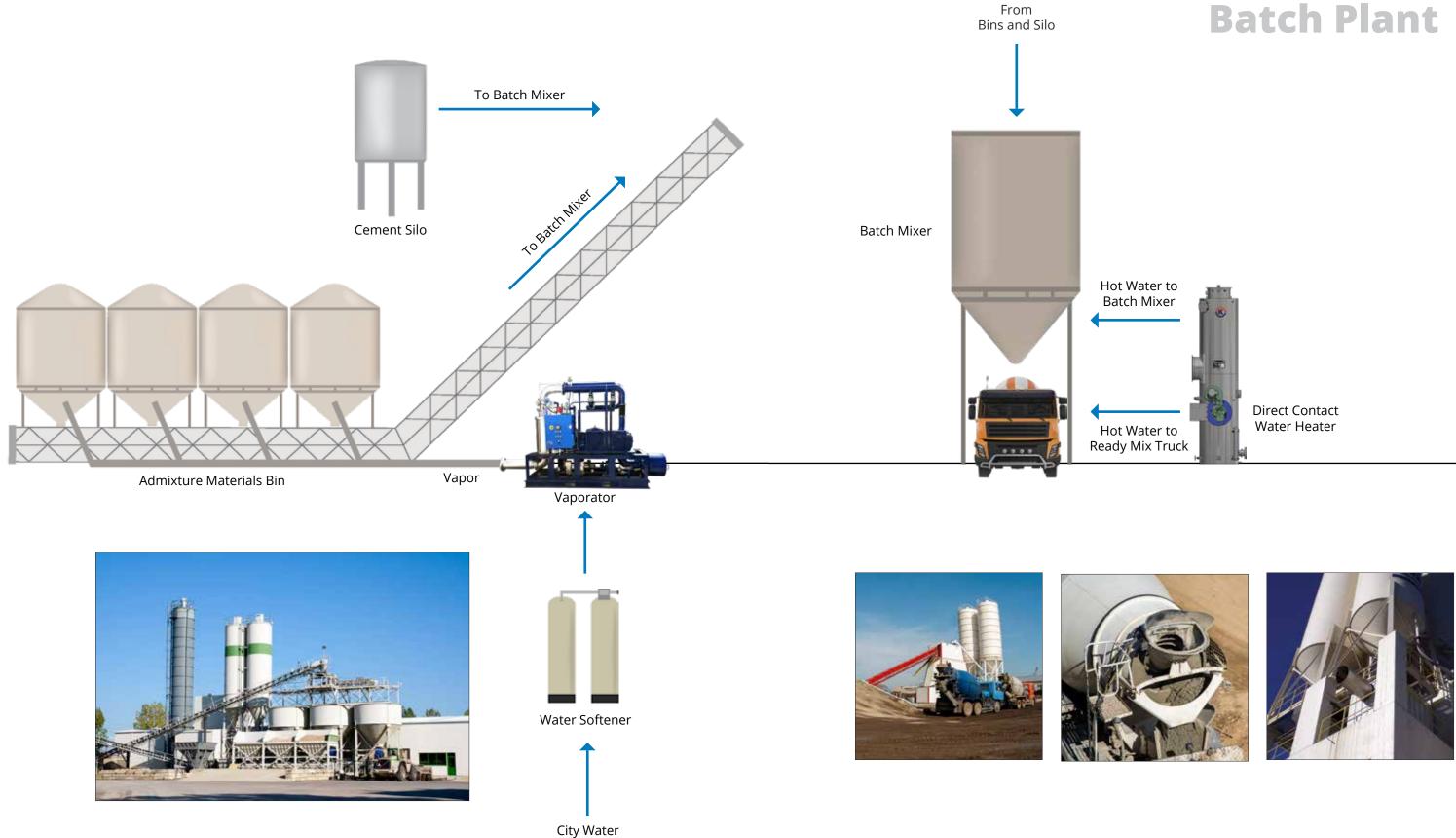
Controls

Mona Relay Progr

Service & Support

| Concrete Industry Flows | | 1 |
|--|----------------------|----|
| dy-Mix Concrete Facility ast/Prestress/Block Concrete Facility | 1 3 | |
| ditioning | | 5 |
| er Softeners erse Osmosis | 7 9 | |
| Water Distribution | | 11 |
| n Water Systems Pressure Pumps | 13 15 | |
| ſġy | | 17 |
| orator ormite ssions orcure | 19 21 23 25 | |
| tact Water Heaters | | 27 |
| 99 Series | 29 | |
| | | 31 |
| arch (Total System Monitoring) y Logic rammable Logic Controller (PLC) | 33 34 34 | |
| Support | | 35 |

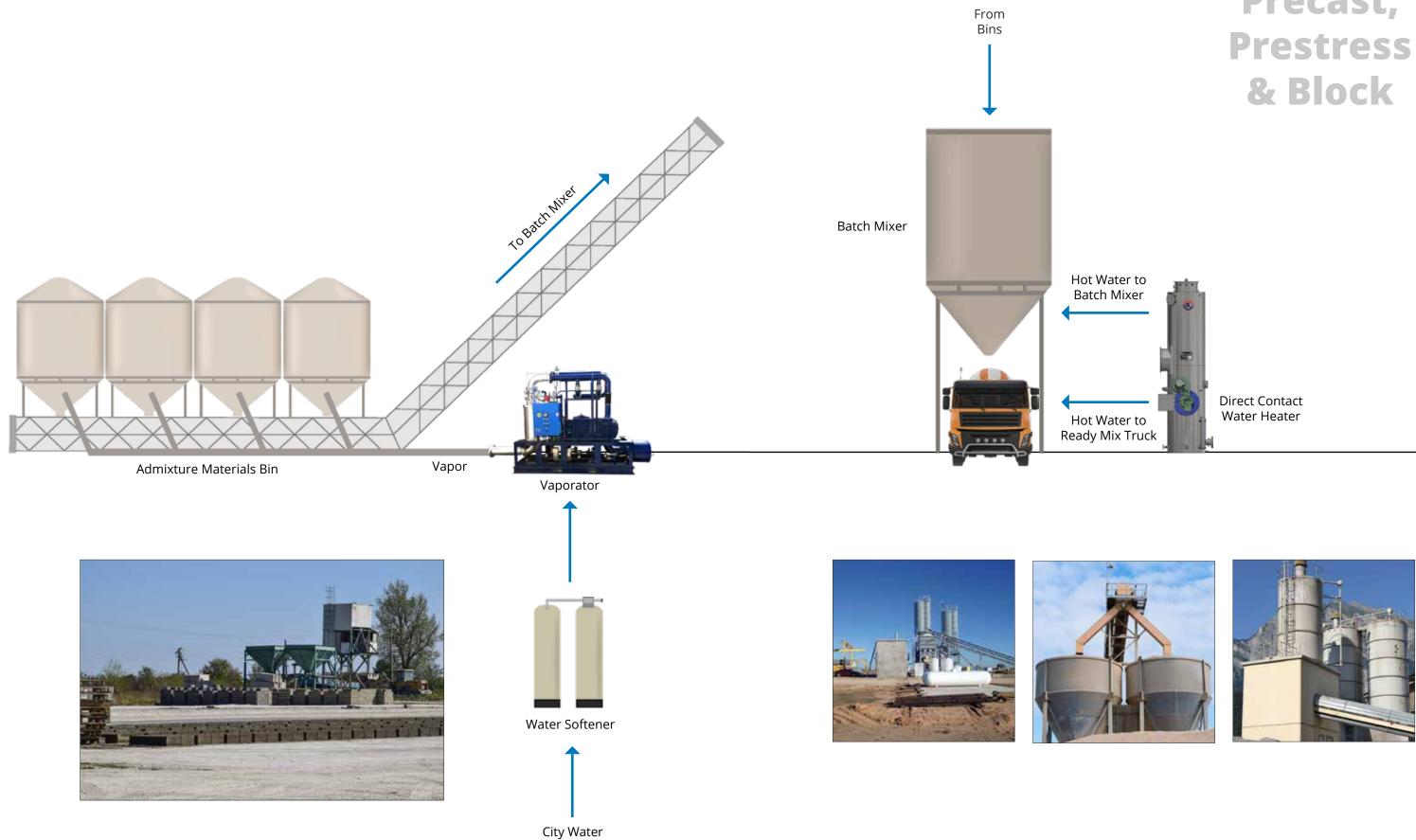
Standard Ready-Mix Plant Flow



Concrete Batch Plant

2

Standard Precast Plant Flow

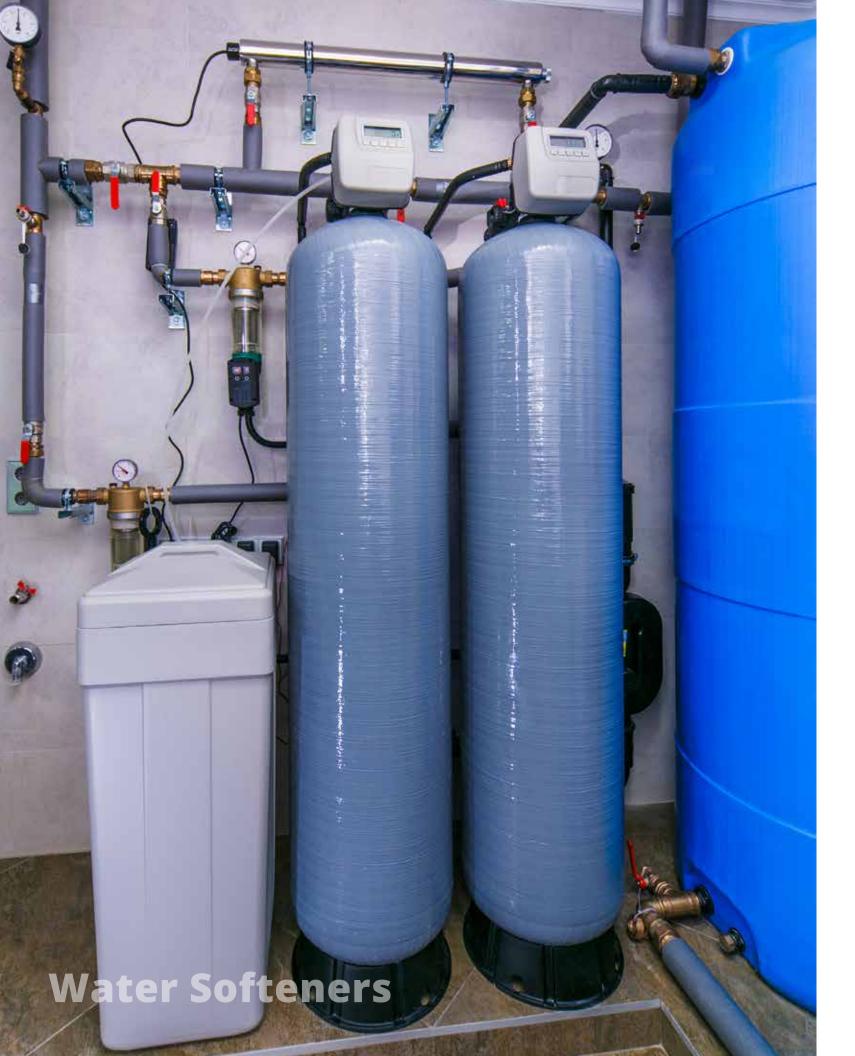


Precast,





Water Conditioning



Water Softeners

Kemco water softeners are fully-loaded, using industrial-grade components designed and selected for optimum performance and reliability. High-capacity resin is used to remove calcium and magnesium ions from water supplied to the facility. This greatly improves the effectiveness in the processes and minimizes damage to downstream equipment, fouling, scaling and thermal efficiency loss.

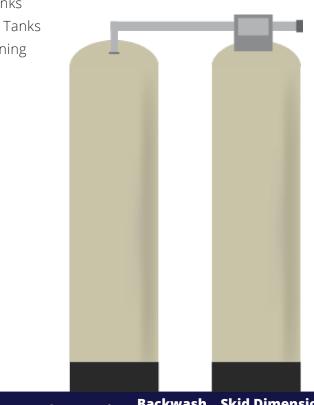
Features:

- FRP or Epoxy-Lined Steel Resin Tanks
- Non-Coded or ASME-Coded Resin Tanks
- NSF/ANSI Standard 61 Certified Lining
- Stainless Steel or CPVC Piping
- Flow-Initiated Regeneration
- Automatic Valves
- Single, Duplex and Triplex Design

Applications:

- City Water Conditioning
- Well Water Conditioning
- Boiler Feed Water Makeup
- Vaporator/Vapormite
 Feed Water

| Tank Size (D x H) | Capacity (grains) | Brine Tank | Resin (cu. ft.) | Inlet | Outlet | Drain | Backwash (gpm) | h Skid Dimens (L x W x H) | | |
|----------------------|----------------------|------------|--------------------|-------|--------|--------|-------------------|------------------------------|-----|------|
| 7″ x 44″ | 15,000 | 18" x 33" | 0.5 | 3⁄4″ | 3⁄4″ | 1⁄2″ | 1.2 | 38″ | 18" | 52″ |
| 9″ x 48″ | 30,000 | 18" x 33" | 1.0 | 3⁄4″ | 3⁄4″ | 1⁄2″ | 2.0 | 42″ | 18″ | 56″ |
| 10" x 54" | 45,000 | 18" x 40" | 1.5 | 3⁄4″ | 3⁄4″ | 1⁄2″ | 3.0 | 45″ | 18" | 62″ |
| 12" x 54" | 60,000 | 18" x 40" | 2.0 | 1″ | 1″ | 1⁄2″ | 3.5 | 49″ | 18″ | 60″ |
| 14" x 65" | 90,000 | 18" x 40" | 3.0 | 1″ | 1″ | 1⁄2″ | 5.0 | 54″ | 18″ | 73″ |
| 16" x 65" | 120,000 | 24" x 40" | 4.0 | 1″ | 1″ | 1⁄2″ | 6.0 | 64″ | 24″ | 73″ |
| 18" x 65" | 150,000 | 24" x 40" | 5.0 | 1 ½″ | 1 ½″ | 1″ | 8.0 | 72″ | 24″ | 75″ |
| 21″ x 62″ | 210,000 | 24" x 50" | 7.0 | 1 ½″ | 1 ½″ | 1″ | 12.0 | 78″ | 24″ | 75″ |
| 24″ x 72″ | 240,000 | 24" x 50" | 8.0 | 1 ½″ | 1 ½″ | 1″ | 15.0 | 84″ | 24″ | 82″ |
| 30" x 54" | 300,000 | 24" x 60" | 10.0 | 2″ | 2″ | 1 1⁄2″ | 25.0 | 108″ | 44″ | 76″ |
| 30" x 60" | 450,000 | 30" x 60" | 15.0 | 3″ | 3″ | 1 1⁄2″ | 25.0 | 114″ | 44″ | 82″ |
| 36" x 60" | 600,000 | 39" x 60" | 20.0 | 3″ | 3″ | 1 1⁄2″ | 35.0 | 135″ | 50" | 89″ |
| 36″ x 72″ | 750,000 | 39" x 60" | 25.0 | 3″ | 3″ | 1 1⁄2″ | 35.0 | 135″ | 50" | 101″ |
| 42" x 60" | 900,000 | 42" x 60" | 30.0 | 3″ | 3″ | 2″ | 45.0 | 150″ | 56" | 94″ |
| 42″ x 72″ | 1,050,000 | 50" x 60" | 35.0 | 3″ | 3″ | 2″ | 45.0 | 158″ | 56″ | 106″ |
| 48″ x 60″ | 1,200,000 | 50" x 60" | 40.0 | 4″ | 4″ | 2″ | 60.0 | 190″ | 72″ | 98″ |



Reverse Osmosis

When used with water entering a facility, the reverse osmosis unit conditions the water, removing hardness ions, such as calcium and magnesium, as well as ions like salts. These impurities can cause fouling, scaling, oxidation damage, decrease efficiency and contaminate processes.

Features:

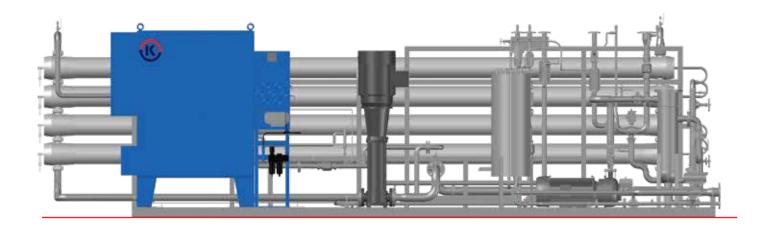
- Fully Packaged
- Low Pressure Design
- Flexible Design

Modular Design

Membrane Housings

Applications:

- Process Water Softening
- Domestic Water Softening
- Boiler Feed Water Makeup
- Alternative to Traditional Ion Exchangers for Softening of Water
- Vaporator/Vapormite Feed Water Makeup



Specifications:

| Design (gpm) | Capacity (gpd) | RO Feed (gpm) | RO Reject (gpm) | iniet Feed | Product | Reject | Nominal Operating Pressure (psi) | Pump (hp) | Shipping Weight (Ibs) | Operating Weight _(lbs) | Dim | Skid Iensio x W x F | |
|-----------------|-------------------|------------------|-----------------------|---------------|---------|--------|---|--------------|-----------------------------|---|-----|---------------------------|-----|
| 2.5 | 3,600 | 3.3-3.8 | 0.8-1.3 | 3⁄4″ | 1⁄2″ | 1⁄2″ | 125 | 1.0 | 375 | 425 | 56″ | 17″ | 57″ |
| 3.8 | 5,400 | 5.0-5.8 | 1.2-2.0 | 3⁄4″ | 1⁄2″ | 1⁄2″ | 125 | 1.0 | 425 | 475 | 56″ | 17″ | 57″ |
| 5.0 | 7,200 | 6.7-7.7 | 1.7-2.7 | 3⁄4″ | 1⁄2″ | 1⁄2″ | 125 | 1.0 | 475 | 525 | 56″ | 17″ | 57″ |
| 6.3 | 9,000 | 8.4-9.7 | 2.1-3.4 | 3⁄4″ | 1⁄2″ | 1⁄2″ | 125 | 1.0 | 525 | 575 | 56″ | 17″ | 57″ |
| 7.5 | 10,800 | 10.0-11.5 | 2.5-4.0 | 1″ | 1″ | 1″ | 125 | 1.5 | 575 | 650 | 56″ | 18″ | 66″ |
| 8.8 | 12,600 | 11.7-13.5 | 2.9-4.7 | 1″ | 1″ | 1″ | 125 | 1.5 | 625 | 700 | 56″ | 18″ | 66″ |
| 10.0 | 14,400 | 13.3-15.4 | 3.3-5.4 | 1″ | 1″ | 1″ | 125 | 1.5 | 675 | 750 | 56″ | 18″ | 66″ |
| 11.3 | 16,200 | 15.0-17.4 | 3.7-6.1 | 1″ | 1″ | 1″ | 125 | 1.5 | 725 | 800 | 56″ | 18″ | 66″ |



Reverse Osmosis



Open Tank Water Distribution

Open Water Distribution

Kemco open water systems readily provide flywheel volume at pressures and temperatures needed by production equipment. This eliminates the sags in pressure and time lost while "walting for water" as experienced in older, pressurized systems. Our stainless steel tank can be flat bottom, conical bottom, horizontal, vertical, cylindrical, oblong, or rectangular. The systems also include level control and the ability to start or stop fluid flow to the storage tank. The storage volume is normally designed to absorb batch loads in combination with continuous loads.

Features:

- Stainless Steel Construction
- Level Monitoring and Control
- Inlet Valve(s)
- Pumps and VFDs
- Stands

Applications:

- Cold Water Storage and Pressure
 Boosting
- Hot Water Storage and Delivery





Specifications:

Various shapes and sizes up to 200,000 gallons

- Flat or Conical Bottom Tank
- Horizontal or Vertical Tank
- Cylindrical Tank
- Oblong Tank
- Rectangular Tank



Low Pressure Pumps

Ensuring rapid machine fill times can improve batch mixer efficiencies. Kemco's low-pressure pump systems are designed to provide a consistent pressure and volume of water to the batch mixer(s) and truck(s), while requiring a minimum of electric power. Our designs consider both the total batch average, as well as peak demands, and strive to minimize fill times, giving the highest production capability possible.

Features:

- High-Capacity Pumps
- Stainless Steel Prepiping
- Stainless Steel Skids
- Monarch Integration
- Variable Speed Drives

Applications:

- Cold Water Pressure Boosting
- Hot Water Delivery
- Boiler Feed Water Systems



Specifications:

Processed Water:

Close-coupled, end-suction, horizontally-mounted centrifugal pumps

Wastewater:

Self-priming centrifugal pumps and air-operated diaphragm pumps





Vaporator

The Kemco Vaporator Series is the highest quality steam generator available for concrete curing. Designed to incorporate the latest proven advances in combustion, electronics and automation engineering, the Vaporator is available as multi-speed units in sizes, ranging from 1.0 to 8.0 million BTU/hr, meeting the needs of even the largest and most complex concrete curing operations.

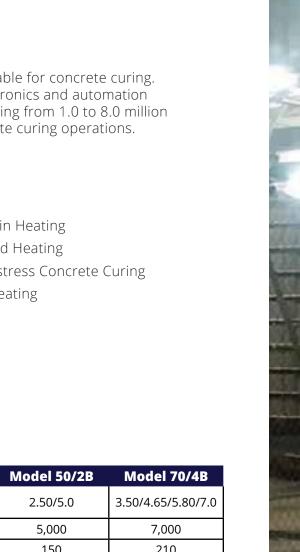
Features:

- 98% Fuel Efficiency
- On-Demand Steam Production
- 35 40% Fuel Avoidance
- Low Pressure Operation
- PLC-Based System Control Panel
- High Early Compression Strengths
- Multi-Speed/Multi-Output

Applications:

- Aggregate Bin Heating
- Concrete Pad Heating
- Precast/Prestress Concrete Curing
- Block Kiln Heating

| Specification | Model 25/2B | Model 30/2B | Model 35/2B | Model 50/2B | Model 70/4B |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Output of Unit (mmbtu/hr) | 1.25/2.50 | 1.50/3.0 | 1.75/3.50 | 2.50/5.0 | 3.50/4.65/5.80/7.0 |
| Steam/hr (lbs) | 2,500 | 3,000 | 3,500 | 5,000 | 7,000 |
| Boiler Equivalent (hp) | 75 | 90 | 105 | 150 | 210 |
| Dimensions (L x W x H) | 112" x 52" x 90" | 130" x 66" x 102" |
| Air Blower Type | Positive Displacement | Positive Displacement | Positive Displacement | Positive Displacement | Positive Displacement |
| Electric Motor (hp) | 40 | 40 | 50 | 60 | 100 |
| Shipping Weight (lbs) | 2,300 | 2,700 | 2,800 | 3,200 | 3,600 |
| Water Hardness (grains/gal) | < 3 | < 3 | < 3 | < 3 | < 3 |
| Utility Requirements | | | | | |
| Natural Gas at 12 psig (cu. ft./hr) | 2,500 | 3,000 | 3,500 | 5,000 | 7,000 |
| Propane vaporized at 12 psig (gal/hr) | 27.5 | 33.0 | 38.5 | 55.0 | 77.0 |
| Power Supply Required 240/480 VAC at 60 Hz 3-phase (amps) | 134/67 | 134/67 | 166/83 | 196/98 | 312/156 |
| Water at 40 psig (gal/min) | 5 | 6 | 7 | 10 | 14 |
| Utility Connection | | | | | |
| Fuel | 1 ¼″ | 1 ¼″ | 1 ¼″ | 1 ¼″ | 1 ¼″ |
| Water | 3⁄4″ | 3⁄4″ | 3⁄4″ | 3⁄4″ | 1″ |
| Steam Line | 4″ | 5″ | 5″ | 6″ | 8″ |





Vapormite

The Kemco Vapormite is designed to provide the highest quality concrete steam curing equipment at an economical price. Built to the same high quality standards as our Vaporator series, the Vapormite is available in four sizes, all single speed for the greatest flexibility, ease of operation and minimum maintenance.

Features:

- 98% Fuel Efficiency
- On-Demand Steam Production
- 40 60% Fuel Avoidance
- Low Pressure Operation
- PLC-Based System Control Panel
- High Early Compression Strengths

Applications:

- Aggregate Bin Heating
- Concrete Pad Heating
- Precast/Prestress Concrete Curing
- Block Kiln Heating

| Specification | Model 0.5 | Model 1.0 | Model 1.5 | Model 2.0 |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| Output of Unit (mmbtu/hr) | 0.5 | 1.0 | 1.5 | 2.0 |
| Steam/hr (lbs) | 500 | 1,000 | 1,500 | 2,000 |
| Boiler Equivalent (hp) | 15 | 30 | 45 | 60 |
| Dimensions (L x W x H) | 42" x 66" x 36" | 78" x 72" x 25" | 78" x 72" x 25" | 82" x 72" x 29" |
| Air Blower Type | Positive Displacement | Positive Displacement | Positive Displacement | Positive Displacement |
| Electric Motor (hp) | 7.5 | 15.0 | 20.0 | 30.0 |
| Shipping Weight (lbs) | 1,250 | 1,850 | 1,900 | 2,000 |
| Water Hardness (grains/gal) | < 3 | < 3 | < 3 | < 3 |
| Utility Requirements | | | | |
| Natural Gas at 12 psig (cu. ft./hr) | 500 | 1,000 | 1,500 | 2,000 |
| Propane vaporized at 12 psig (gal/hr) | 5.5 | 11.0 | 16.5 | 22.0 |
| Power Supply Required 240/480 VAC at 60 Hz 3-phase (amps) | 22/11 | 42/21 | 54/27 | 80/40 |
| Water at 40 psig (gal/min) | 1 | 2 | 3 | 4 |
| Utility Connection | | | | |
| Fuel | 3⁄4″ | 3⁄4″ | 3⁄4″ | 1 ¼″ |
| Water | ³ /8″ | ³ /8″ | ³ /8″ | ³ /8″ |
| Steam Line | 2 1⁄2″ | 3" | 3" | 4″ |



Emissions

Approximate Emissions at Full Output.

Vaporator:

| | Model 25/2B | Model 30/2B | Model 35/2B | Model 50/2B | Model 70/4B |
|---------------------------|-------------|-------------|-------------|-------------|--------------|
| Combustibles (%) | 0 - 0.04 | 0 - 0.04 | 0 - 0.04 | 0 - 0.04 | 0 - 0.04 |
| (lbs/hr) | 0 - 0.04 | 0 - 0.05 | 0 - 0.06 | 0 - 0.08 | 0 - 0.12 |
| Carbon Monoxide (PPM) | 150 - 300 | 150 - 300 | 150 - 300 | 150 - 300 | 150 - 300 |
| (lbs/hr) | 0.33 - 0.66 | 0.39 - 0.79 | 0.46 - 0.92 | 0.65 - 1.31 | 0.91 - 1.83 |
| Oxygen (%) | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 |
| (lbs/hr) | 87 - 125 | 104 - 149 | 122 - 175 | 174 - 249 | 244 - 349 |
| NOx (PPM) | 11 - 26 | 11 - 26 | 11 - 26 | 11 - 26 | 11 - 26 |
| (lbs/hr) | 0.04 - 0.09 | 0.05 - 0.11 | 0.06 - 0.13 | 0.08 - 0.18 | 0.112 - 0.26 |
| CO ₂ (lbs/hr) | 287.8 | 345.3 | 402.9 | 575.5 | 805.7 |
| SO ₂ (lbs/hr) | 0 - 0.01 | 0 - 0.02 | 0 - 0.03 | 0 - 0.04 | 0 - 0.06 |
| H ₂ O (lbs/hr) | 88.3 | 106 | 123.6 | 176.5 | 247.3 |

Vapormite:

| | Model 0.5 | Model 1.0 | Model 1.5 | Model 2.0 |
|--------------------------|-------------|-------------|-------------|-------------|
| Combustibles (%) | 0 - 0.04 | 0 - 0.04 | 0 - 0.04 | 0 - 0.04 |
| (lbs/hr) | 0 - 0.01 | 0 - 0.02 | 0 - 0.03 | 0 - 0.03 |
| Carbon Monoxide (PPM) | 150 - 300 | 150 - 300 | 150 - 300 | 150 - 300 |
| (lbs/hr) | 0.07 - 0.13 | 0.13 - 0.26 | 0.20 - 0.39 | 0.26 - 0.52 |
| Oxygen (%) | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 |
| (lbs/hr) | 17.5 - 26.5 | 34.8 - 49.8 | 52.2 - 74.2 | 69.7 - 99.7 |
| NO _x (PPM) | 11 - 26 | 11 - 26 | 11 - 26 | 11 - 26 |
| (lbs/hr) | 0.01 - 0.02 | 0.02 - 0.04 | 0.02 - 0.06 | 0.03 - 0.07 |
| CO ₂ (lbs/hr) | 57.7 | 115.1 | 172.6 | 230.2 |
| SO ₂ (lbs/hr) | 0 - 0.01 | 0 - 0.01 | 0 - 0.01 | 0 - 0.02 |
| H₂O (lbs/hr) | 17.6 | 35.3 | 53.0 | 70.7 |



Vaporcure

Kemco's Vaporcure is designed to provide concrete curing operations with the ability to automatically control the concrete temperature by controlling the operation of the direct-fired steam generator. This provides precise control of the concrete curing profile and eliminates manual cure temperature operation.

Features:

- Integrated Vapor Control Valves
- Automated PLC Zone Controls
- Touch Screen Display
- Systems Trending Capabilities

Applications:

- Aggregate Bin Heating
- Precast/Prestress Form Curing
- Block Kiln Curing Controls





- 120 VAC
- NEMA 12, NEMA 3R or 4(x) standard
- Color HMI





Direct Contact Water Heaters

RM 99 Series

Kemco's RM 99 is a total hot water package, specifically designed and engineered for the Ready-Mix industry. Operating at atmospheric pressure, the unit does not have to meet the regulations of pressurized vessels and it is available with programmable logic controls (PLC). Kemco heaters are sized, based on total yards per hour in peak production time. This ensures that the heater will generate the hot water needed for batching operations.

C

Features:

- On-Demand Hot Water
- 99.7% Efficiency
- Stainless Steel Construction
- Non-Pressure Vessel
- Temperature as High as 199°F
- Insurance-Rated Gas Trains
- Economical Choice
- PLC-Based System Control Panel

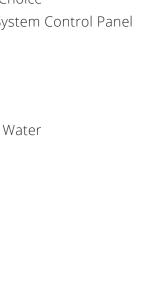
Applications:

Process Hot Water

| | | | | | | | | == |
|-----------------------|--|-----------------------|--------------------------|----------------------------|----------------|-----------------|--------------|--|
| Heater Size (mbtu) | Water Heating Capacity at ΔT 100°F (gph) | Dimensions (D X H) | Weight Empty (lbs) | Weight Flooded (lbs) | Water Inlet | Water Outlet | Gas Inlet | Min. Typical Connected Load (FLA) |
| 2.0 | 1,714 | 30″ x 10′ | 2,400 | 3,100 | 1 ¼" - 2" | 3″ | 1 ½″ | 5.0 |
| 3.0 | 2,571 | 30″ x 10′ | 2,400 | 3,100 | 1 ½" - 2" | 3″ | 1 ½″ | 6.5 |
| 4.5 | 3,857 | 42" x 10' | 2,650 | 3,850 | 2″ - 2 ½″ | 4″ | 2″ | 6.5 |
| 5.5 | 4,714 | 42" x 10' | 3,000 | 4,250 | 2″ - 3″ | 4″ | 2″ | 8.0 |
| 7.0 | 6,000 | 54" x 11' | 3,200 | 5,800 | 2 ½" - 3" | 4″ | 2″ | 14.5 |
| 9.0 | 7,714 | 54" x 11' | 3,200 | 5,800 | 3" - 4" | 4″ | 2″ | 17.5 |
| 10.0 | 8,571 | 54" x 11' | 3,200 | 5,800 | 3" - 4" | 4" - 6" | 2 1⁄2″ | 24.5 |

*sizes larger than 10.0 mbtu/hr available

Specifications:



| Water In | |
|--|--|
| | |
| Spray Nozzle Distributes Incoming Cold Water over Media Rings | |
| Combustion Heat is Transferred from the Rising Gases as Water Trickles through the Media Rings | |
| Combustion Zone | |
| Natural Gas or LP Gas is Cleanly Burned, Producing Hot Combustion Product Gases | |

Low Temperature Combustion Gases Exit

Heat Transfer Zone

Water Droplets Contact Combustion Heat

> Hot Water is Collected in Bottom of Heater and then Exits to Storage Tank

> > 30



Monarch

The Monarch system optimizes process variables through perfectly balancing water and energy processing equipment. Monarch Controls can acquire, store, and log data efficiently. This allows for most process variables to be trended, providing you with a true efficiency evaluation. With Monarch Controls, you operate at optimal design efficiency, and realize 100% of your ROI throughout the life of your system.

Features:

- Data Logging
- Remote Access and Control
- Track Process Variables
- Monitor System Operation
- Alerts with Troubleshooting
- Building Management Control System
 Interface Available

Applications:

 Complete Water System Control and Monitoring

Specifications:

- Allen-Bradley Micrologix 1400 or Compact Logix PLC
- Industrial Computer or Magelis
 Color HMI

Relay Logic

A cost-effective electrical control method used on smaller systems, where the output of the control circuit is strictly dependent on the action of the input devices. Circuits are populated with relays which, dependent on position or type, provide the designated output.

Features:

- Simple
- Economical
- Compact
- Easy to Service

Programmable Logic Controller (PLC)

A method of electrical control logic where a central processing unit reads and evaluates system parameters and can compare these inputs to current and historical values (sequential logic) and provide single or multiple outputs based on a programmed solution. The major differences between relay and PLC logic are combinational versus sequential logic and the speed under which similar tasking can be accomplished.

Features:

- Flexibility
- Easy to Modify
- No Wiring Change
- Expandable



Applications:

Equipment Control Circuits

Specifications:

• Designed to UL508A specs

Applications:

- Equipment Control Circuits
- Facility Utility Monitoring and SCADA or SQL Interface

Specifications:

• 120VAC or 24 VDC

34



Quality Service and Support

Well after the initial installation, Kemco continues to act as a partner delivering superior value and exceptional customer service. We support and service our complete product offering and have extensive knowledge and training available for the products that are integrated into your facility.

With our care, your equipment gets the treatment it needs from the people who know it best.

Questions about your equipment? Time for your next scheduled maintenance? Our well-trained service staff are here to provide you with the highest levels of customer service.

Product Support Services:

- 24/7 emergency service HOTLINE
- Startup and commissioning
- Troubleshooting
- Quick-ship delivery of parts

Maintenance Programs:

- Comprehensive preventative maintenance plans
- Planned, non-emergency corrective maintenance
- Emergency on-site response
- Remote monitoring and diagnosis of internet connected PLC controlled systems
- Monthly reporting plans as part of extended service plans for internet connected PLC controlled systems

Design and Build Services:

- Project management
- Mechanical room design and layout
- Turnkey installation services

800-633-7055 | 727-573-2323 www.kemcosystems.com





800-633-7055 | 727-573-2323 11500 47th Street N | Clearwater, FL 33762 www.kemcosystems.com

