

**The #1 Brand in Water Heaters Now Offers the #1 Brand in Chillers!**

# **Sioux Chillers**

## **Cold Water for Hot Weather Concrete Production**



AquaSnap 30RB by

**Carrier**



For More Information Call Your Local Dealer  
FESCO Direct LLC  
(800) 880-7350  
[www.fescodirect.com](http://www.fescodirect.com)

# Maximum Performance and Reliability— Sioux has the **ONLY** National Agreement with Carrier Corporation

## What Does This Mean for You?

- 24/7/365 parts & service availability worldwide
- Carrier certified start-up included on every unit
- 150+ years of water heating & cooling experience
- Carrier Chillers + Sioux Heaters =  
#1 in the World #1 in the World

## The Best You Can Get



**AquaSnap 30RA18**

## Air-Cooled Water Chiller Systems

Sioux air-cooled water chiller systems are available as stationary or portable units with capacities for any size operation. Compared to utilizing ice to cool concrete, Sioux chillers reduce chilling costs as much as 95%, putting money back in your pocket!

## Precise Control, Greater Consistency

Sioux Chillers allow for precise control of the water temperature, ensuring consistent concrete temperature and quality. Sioux can provide the right chiller for your concrete production needs.

## Let Sioux Design it for You

Sioux is already the industry leader in water heating systems for cold weather concrete production. Let our experienced engineers design a system for your warm weather concrete production needs. From the coldest to the hottest conditions and everything in between, Sioux has what you need to produce consistent concrete year-round.

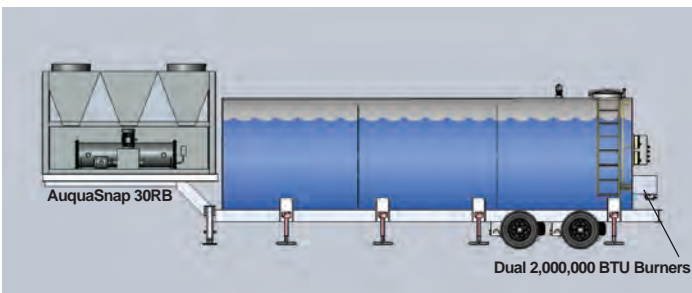
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## Why Work With Sioux?

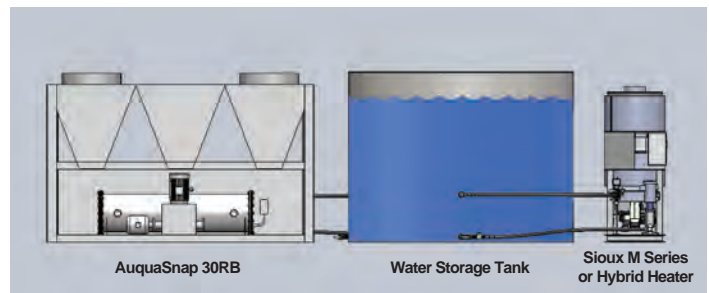
- Year after year, Sioux is rated the #1 brand, the most familiar brand, and most used brand of water heaters among precast and ready-mix concrete producers (based on Concrete Producer consumer surveys).
- Exceptional reputation for customer support and parts availability.
- More than 40 years of experience designing equipment exclusively for the concrete industry.
- Extensive engineering design capabilities for standard and customized systems.
- Sioux exports to over 70 countries worldwide – Over 40 years of exporting experience.
  - *Recipient of 2009 President's "E" Award for Exporting Excellence (only awarded to 20 companies each year).*

Features	Benefits
Microprocessor controlled, air-cooled chiller with diagnostic control panel and communication ports.	State of the art technology for maximum efficiency and reduced downtime. Diagnostic controls make it easy and fast to identify and resolve problems locally or remotely.
Flexible epoxy polymer coating is standard on all coils.	Fins are protected from mildly corrosive environments, exactly the design needed for concrete production facilities. This type of coil protection ensures efficient operation in adverse environments.
<p>Standard warranty is one year from start-up or 18 months from time of shipment. Start up by Authorized Carrier Service Technician is included on every system sold by Sioux. Five year warranty is available and is recommended.</p> <p>Toll-free phone number for warranty and service dispatch is available 24 hours a day, 365 days a year.</p> <p>Services are available worldwide including over 100 service centers throughout North America alone.</p>	Carrier-trained, certified technician will do start up on each chiller to ensure it is installed and operating correctly at the jobsite. This reduces costly service calls and delays in operations and production. Provides baseline performance data for future troubleshooting and diagnostics.
Chiller comes completely factory assembled.	Easy to unload and install. No time-consuming field installation required for standard packaged systems, saving time and money.
Compressor and piping design includes vibration isolation.	Robust design is quieter and more durable than others in the marketplace.
Environmentally sound refrigeration circuit includes filter drier, moisture indicating sight glass, thermal expansion device, and complete operating charge of both refrigerant and compressor oil.	No additional cost for oil and refrigerant in the field. No need to do field charging of refrigerant system. Reduces installation time and saves money.

## Complete Water Heating & Chilling Systems



**Typical Portable System**



**Typical Stationary System**

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**Don't Mess Around!**  
**Go with the Best -**  
**Sioux & Carrier**

## Cubic Yards Per Hour

TANK SIZE (GALLONS)	CHILLER SIZE (TONS)										
	10	15	30	50	60	70	80	90	100	110	120
5,000	45	60	90	140	160	185	210	230	255	275	300
10,000	70	80	115	160	185	206	230	250	275	300	320
15,000	85	100	130	180	200	225	250	270	295	315	340
20,000	110	125	160	200	225	250	275	300	320	340	365
<b>Gallons Cooled Per Hour*</b>	<b>411</b>	<b>617</b>	<b>1,234</b>	<b>2,057</b>	<b>2,469</b>	<b>2,880</b>	<b>3,291</b>	<b>3,703</b>	<b>4,114</b>	<b>4,526</b>	<b>4,937</b>

## Cubic Meters Per Hour

TANK SIZE (LITERS)	CHILLER SIZE (TONS)										
	10	15	30	50	60	70	80	90	100	110	120
18,900	34	46	69	107	122	141	161	176	195	210	229
37,900	54	61	88	122	141	157	176	191	210	229	245
56,800	65	76	99	138	153	172	191	206	226	241	260
75,700	84	96	122	153	172	191	210	229	245	260	279
<b>Liters Cooled Per Hour*</b>	<b>1,556</b>	<b>2,336</b>	<b>4,671</b>	<b>7,787</b>	<b>9,346</b>	<b>10,902</b>	<b>12,458</b>	<b>14,071</b>	<b>15,573</b>	<b>17,133</b>	<b>18,689</b>

\*Based on a 35°F (19.4°C) temperature drop, a 75°F (24°C) inlet, and a 40°F (4.4°C) outlet temperature.

Lowest output temperature on standard units is 40°F (4.4°C). Custom units are available to achieve a lower temperature.

**Sioux is the leader in water heating and cooling equipment for the concrete industry.**

**Call us toll-free at 888-763-8833 for a quote or visit us at [www.sioux.com](http://www.sioux.com)**

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Reliability Since 1939

### SIOUX CORPORATION

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