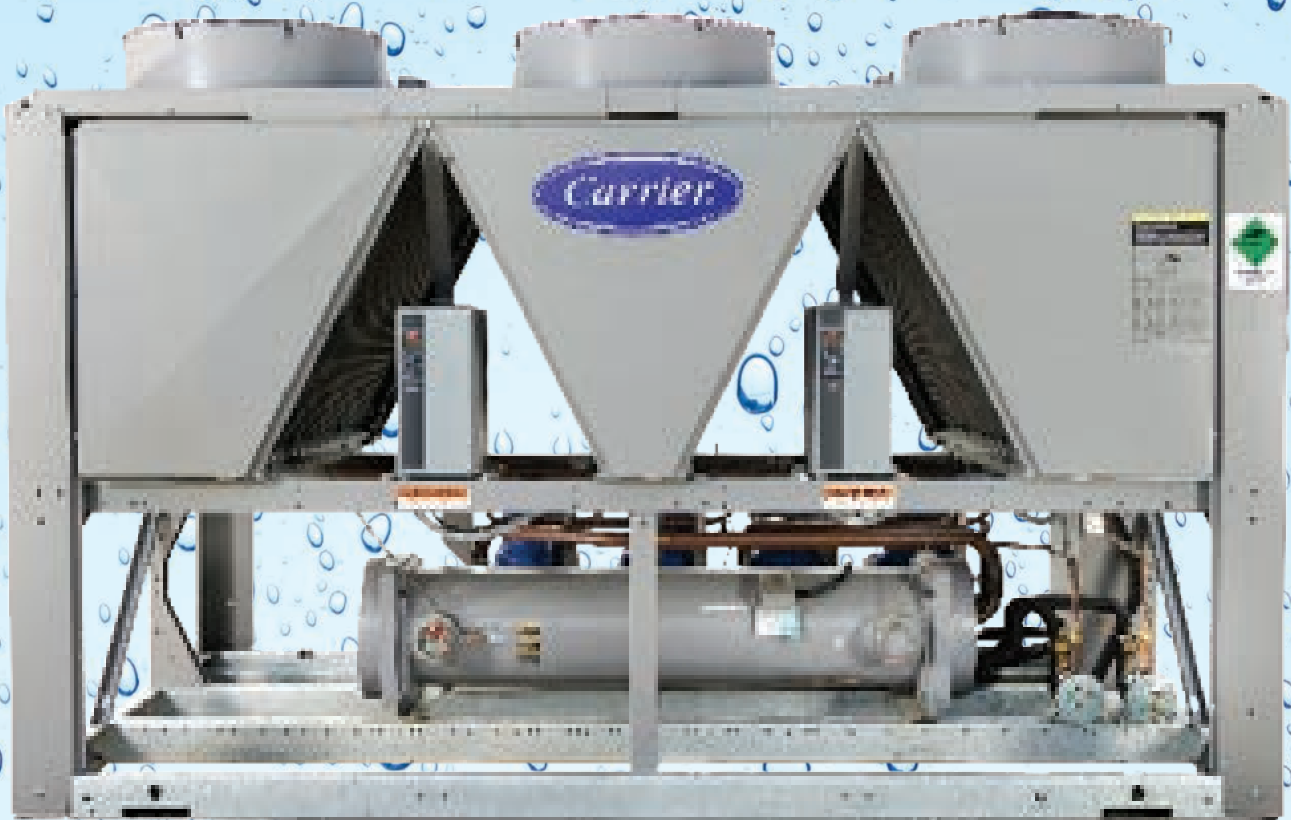


The Best in Chillers!

# Sioux Chillers

Cold Water for  
Hot Weather  
Concrete Production



turn to the experts 

[sioux.com](http://sioux.com)

# Maximum Performance and Reliability — **Sioux and 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

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## **The Best You Can Get**

## ***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 or other methods 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 hot 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.



*AquaSnap 30RA18*

## ***Why Work With Sioux?***

- Exceptional reputation for customer support and parts availability.
- More than 50 years of experience designing equipment exclusively for the concrete industry.
- Extensive engineering design capabilities for standard and customized systems.
- Certified start-up included with all chillers.
- Each unit factory tested before shipment.
- Water can be chilled down to 40 degrees or 35 degrees with glycol solution.
- Optional monitoring system available.

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.
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.  Toll-free phone number for warranty and service dispatch is available 24 hours a day, 365 days a year.  Services are available worldwide including over 100 service centers throughout North America alone.	Carrier-trained, certified technician will do start up on each chiller to ensure it is installed and operating correctly at the job site. 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.
Extensive range of sizes from 11 - 500 tons	Able to find the exact size chiller for your application, no matter what the requirement.

## Complete Water Heating & Chilling Systems



Carrier Chiller



Insulated  
Water Storage Tank



Sioux  
Water Heater

**Go with the Best –  
Sioux & Carrier**



### Cubic Yards Per Hour

TANK SIZE (GALLONS)	CHILLER SIZE (TONS)							
	11	30	50	70	100	120	150	200
5,000	36	62	89	117	158	185	227	295
10,000	57	83	110	138	179	206	247	316
15,000	N/A	104	131	159	200	227	268	337
20,000	N/A	124	152	179	220	248	289	358
<b>Gallons Cooled Per Hour*</b>	<b>453</b>	<b>1,234</b>	<b>2,057</b>	<b>2,880</b>	<b>4,114</b>	<b>4,937</b>	<b>6,171</b>	<b>8,229</b>

### Cubic Meters Per Hour

TANK SIZE (LITERS)	CHILLER SIZE (TONS)							
	11	30	50	70	100	120	150	200
18,900	27	47	68	89	120	141	173	225
37,900	43	63	84	105	136	157	188	241
56,800	N/A	79	100	121	153	173	205	257
75,700	N/A	94	116	136	168	189	221	273
<b>Liters Cooled Per Hour*</b>	<b>1,714</b>	<b>4,671</b>	<b>7,787</b>	<b>10,902</b>	<b>15,573</b>	<b>18,688</b>	<b>23,360</b>	<b>31,150</b>

\*Based on a 35°F (19.4°C) temperature drop, a 75°F (24°C) inlet, a 40°F (4.4°C) outlet temperature, and 30 gallons of water per yard.  
Lowest output temperature on standard units is 40°F (4.4°C). Custom units are available to achieve a lower temperature.  
Based on 8 hours.

**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 [sioux.com](http://sioux.com)**



### SIoux CORPORATION

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