

The Best in Chillers!

Sioux Chillers

Cold Water for Hot Weather Concrete Production



SIoux

sioux.com

SIoux and Carrier®

150+ years of water heating & cooling experience

Sioux is proud to partner with Carrier® to offer the Aquasnap water chiller for concrete production. Sioux is the only company with a national agreement with Carrier® to provide industrial water chillers for concrete production. Models with R-32 refrigerant to comply with the latest requirements.

Chillers are very effective at controlling concrete specification temperatures when the heat of summer arrives, instead of the hassle and cost of using ice or nitrogen.

Sioux commercial air-cooled water chillers by Carrier® are available as stationary or portable units with capacities for any size operation. By precisely controlling water temperature and quality, Sioux industrial chillers can reduce chilling costs by as much as 95%, putting money back in your pocket!

THE BEST YOU CAN GET!



- Air cooled
- Rotary scroll compressor
- R-32 refrigerant
- Low-sound AeroAcoustic™ fan system
- BACnet IP & Carrier-Service Remote Connectivity
- 7" Control Panel Colored Display on models RC67 and larger; 4.3" on smaller models
- Microchannel condenser coil with E-coating
- Shell and Tube Direct Expansion evaporator on models RC67 and larger; Brazen Plate Heat Exchanger on smaller models; all models come with evaporator heater freeze protection
- Certified in accordance with AHRI Air-Cooled Water-Chilling Packages Certification Program, which is based on AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI).
- Includes on-site factory startup by Carrier service personnel.
- First year parts and labor warranty

Pumping Stations & Water Strainers

Sioux has a complete line of pumping stations properly sized for each chiller we sell, so you can be certain to always have the proper water flow through the chiller.



A water strainer ensures you have the highest quality water for use with your Sioux chiller. Strainers include an Automatic Timer Flush Package with PLC and pressure transducers to monitor the differential pressure. Stainless steel construction with either a bolted or clamp lid (depending on model) for access to the screen, multiple sizes for different max flow rates, and NEMA 4X electrical enclosure. Requires 115V/1Ph/60Hz electrical connection for operation.

Complete Water Heating & Chilling Systems



Sioux
Water Heater



Insulated
Water Storage Tank



Carrier Chiller

Why Work With Sioux?

- Exceptional reputation for customer support and parts availability.
- More than 60 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.

Model	Rated Capacity Tons per Hour	Gallons Cooled per Hour	Tank Capacity in Gallons			
			1,000	2,500	10,000	20,000
			Yard/Hour Production Capacity			
CH00012	10.2	735	29	35	66	N/A
CH00017	14.5	1,040	39	45	76	118
CH00022	19.7	1,420	51	58	89	131
CH00032	29.6	2,130	75	81	113	154
CH00042	40.8	2,935	102	108	140	181
CH00052	50.0	3,600	124	130	162	203
CH00067	60.0	4,320	148	154	186	227
CH00072	66.3	4,770	163	170	201	242
CH00082	72.8	5,240	179	185	216	258
CH00092	85.5	6,150	209	216	247	289
CH00102	93.0	6,700	227	234	264	307
CH00112	104.4	7,520	255	261	292	334
CH00122	112.6	8,110	274	281	312	354
CH00132	123.1	8,860	300	306	337	379
CH00152	143.0	10,300	347	354	385	427
CH00162	162.4	11,700	394	400	431	473
CH00182	185.2	13,330	449	455	486	528

* Based on 95°F ambient temperature, 60°F inlet, 40°F tank water temperature, 30 gallons per yard, and an 8 hour day.

Sioux is the leader in water heating and cooling equipment for the concrete industry. Call today for a quote.



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