



Space Saving, Continuous Cooling

Mokon's Iceman OA Series outdoor air-cooled chillers are designed for exterior installation, freeing up valuable indoor floor space. The outdoor chillers feature a scroll compressor, providing you with superior efficiency, enhanced reliability and quieter operation (reciprocating compressors available in some models).

The Iceman OA Series is compact, completely factory wired, and has easy lifting provisions for quick and trouble-free installation. The outdoor chillers are factory tested and arrive on site in complete working order, eliminating any potential start-up problems. When combined with a larger independent pump tank, they provide a highly engineered quality solution to your plant chilled water requirements.

Each outdoor chiller features the most advanced microprocessor chiller control technology and components to provide you with the highest degree of accuracy and ease-of-use while in operation. Through simple design and high-quality construction, Mokon's outdoor chillers are engineered to give you lower life cycle costs and increased reliability.



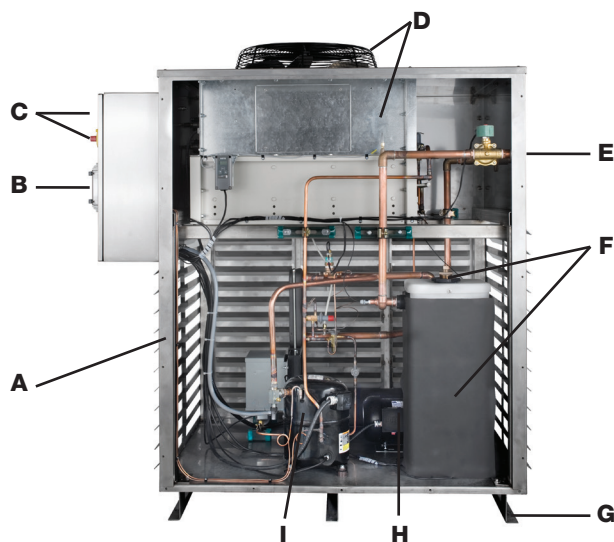
Designed to Perform. Built to Last.

ICEMAN OA SERIES

Outdoor Air-Cooled Chiller
20°F to 65°F (-7°C to 18°C)

- **1 to 60 Ton chilling capacities**
- **Wide range of ambient temperature designs available**
- **Free up valuable indoor floor space**
- **Quick, easy installation**
- **Green friendly refrigerant**
- **Nonferrous components**
- **UL 508A labeled electrical panel**
- **Meets NFPA 79 electrical safety standards**

Space Saving, Continuous Cooling



Standard Features

- A** Painted steel or stainless steel (optional) cabinet
- B** Microprocessor-based controller
- C** NEMA 4 or 4X (optional) enclosure* and main power disconnect
- D** Air-cooled condenser
- E** Process connections
- F** Process fluid fill port on heavy-duty insulated plastic tank
- G** Mounting feet
- H** Pump with TEFC motor
- I** Compressor

System standard with NFPA 79 and UL 508A labeled electrical panel

**System shown with optional stainless steel cabinetry and local panel*

Specifications

Model ¹	Nominal Cooling Capacity (Tons) ²	Horsepower		Min/Max Flow Rate (GPM)	Nominal Pressure (PSI)	Connections	Tank Size (Gallons)	Dimensions (L x W x H)	Shipping Weight (Approx. lbs.)
		Compressor (Hp)	Pump (Hp)			Process (FNPT)			
OA-1	1	1	1 1/2	2.4/15	Up to 35	1"	15	63" x 43" x 69"	630
OA-1.5	1.5	1 1/2	1 1/2	3.6/20	Up to 35	1"	15	63" x 43" x 69"	630
OA-2	2	2	1 1/2	4.8/20	Up to 45	1"	25	63" x 43" x 69"	750
OA-3	3	3	1 1/2	7.2/25	Up to 45	1"	25	63" x 43" x 69"	760
OA-5	5	5	1 1/2	12/30	Up to 45	1 1/2"	25	94" x 59" x 72"	865
OA-7	7.5	7 1/2	3	18/30	Up to 45	1 1/2"	25	94" x 59" x 72"	1,140
OA-10	10	10	3	24/35	Up to 45	1 1/2"	25	94" x 59" x 72"	1,160
OA-15	15	15	3	36/50	Up to 45	1 1/2"	68	94" x 59" x 72"	1,950
OA-20	20	20	5	48/70	Up to 45	1 1/2"	68	143" x 54" x 75"	2,150
OA-25	25	25	5	60/70	Up to 55	2"	100	143" x 54" x 75"	4,000
OA-30	30	30	7 1/2	72/90	Up to 60	2"	100	143" x 54" x 75"	4,160
OA-40	40	20/20	7 1/2	96/100	Up to 50	2"	100	205" x 54" x 75"	5,295
OA-50	50	25/25	10	120/140	Up to 65	3"	150	205" x 54" x 75"	5,695
OA-60	60	30/30	15	144/170	Up to 70	3"	150	205" x 54" x 85"	6,500

¹ Standard compressor is scroll type except reciprocating type on 1 and 1.5 Ton.

² Air-Cooled based on 50°F chilled water at 2.4 GPM/Ton and 90°F ambient air.

Fluid temperature range is 20° to 65°F (-7° to 18°C). Standard outdoor ambient temperature range is -20° to 95°F (-29° to 35°C).

Please consult Mokon for cooling capacities and design changes required to operate in ambient air temperatures other than listed above.

Iceman Outdoor Chillers are available in either 230 or 460 Volts, 3 Phase, 60 Hertz electrical service.

For other voltages, capacities and fluid temperatures, please contact Mokon.

Control Panels

- NEMA 4 local (outdoor) electrical enclosure with main power door disconnect switch, emergency stop and unit run light
- NEMA 12 remote (indoor) electrical enclosure with microprocessor-based indicating controller and start/stop capabilities

Options

Mokon offers a variety of options and accessories to meet specific customer needs. An indoor (remote) control panel is available with various options. Please contact Mokon or visit our website for a comprehensive list of all our indoor and outdoor chiller products.

Product Testing & Warranty

All Mokon chillers are qualified for service by rigid, simulated field tests and are factory calibrated. Mokon offers a one-year warranty as standard.

Technical data shown is subject to change without notice. The company will endeavor to supply the equipment as illustrated but reserves the right to make dimensional and other design changes as required.



2150 Elmwood Avenue, Buffalo, New York 14207
 Phone: 716-876-9951 ■ Fax: 716-874-8048
 www.mokon.com ■ E-mail: sales@mokon.com



OA 03/18 MOK7662

Designed to Perform. Built to Last.