

1 to 12 Ton Capacity Portable Chillers for Heavy-Duty Industrial Cooling

Engineered for Long Life & Superior Performance

Air & Water-Condensing Models

Energy-Efficient Design

Completely Non-Corrosible Coolant Circuits

All Models ETL Listed

Non-CFC Refrigerants

Value is what makes the DS Series of portable chillers the industry standard. From the pioneer in process chillers, DS models come with all the features that users want. No gimmicks to push up the price. No shortcuts that lessen the quality.

GCI's versatile family of DS Series Icewagon Chillers is engineered for general purpose applications, where performance, cost and operating flexibility are key requirements. Both air and water condensing models are available, and the series comes with compressors sized from 1 to 12 hp to meet a broad range of industrial cooling needs. Ruggedly built, yet compact in size, DS's incorporate many of the features found on larger, more expensive chillers.

- **Steel Frame & Covers**
Structural steel frame helps protect chiller from Impact damage. Removable steel panels allow access for routine inspection and maintenance. Compact design. Casters standard for easy moves.
- **Long-Life Hermetic Compressor**
Welded hermetic compressor designed for heavy-duty refrigeration service.
- **Hot Gas Bypass**
Eliminates the constant on-off compressor plugging that results in excessive component wear and unnecessary electric power usage. Delivers more precise temperature control.
- **Exclusive GCI Coilmatic™ Evaporator**
A high-efficiency evaporator with built-in crud protection and reduced freeze risk. Stainless and copper through out. None of those shortcut coil-in-tank designs.

DS Series ICEWAGON CHILLERS



**UNMATCHED
PERFORMANCE,
RELIABILITY,
AND VALUE FOR
OVER 50 YEARS.**

GCI
INDUSTRIES^{INC.}

- **Stainless Steel Pump**

Complete corrosion resistance. Centrifugal circulating pump has high-efficiency impeller, center line connections, and mechanical seal.

- **Brazed Copper Piping Throughout**

Long lasting. No plastic to get brittle. No ferrous metals to rust. Brass valves. Fully insulated.

- **Microprocessor Control**

Easy-to-use digital thermostat, plus high and low-pressure refrigerant gauges, pump pressure gauge, tank sight tube, and internal refrigerant sight glass.

- **Safety Package**

Includes high/low refrigerant pressure safety switch, pressure relief device, motor overload protection, line and control circuit fuses, pump switch interlock.

- **Fully Rated Capacities**

Cooling capacities rated at 50°F (10°C). Add 25% to compare with many competitive models. Standard output temperatures from 30°F to 70°F. Capacities vary when glycol mixes are used.

- **ChillersDircet™**

Another GCI benefit to help keep your investment to a minimum. Deal directly with the factory. Talk to experts who can help make sure you get just the right chiller for your needs. Not too much. Not too little.

- **Ready-to-Install**

DE Series Icewagon chillers are shipped ready to hook up and run. Installation is simple, usually involving only electrical and liquid connections. Free telephone support is there if you need help.

- **Options**

Outdoor and split systems. Fully stainless models for food applications. DI water, heaters, special paint, lower temperature models, oversize tanks, special pumps, special currents, special weather proofing. **Call us with your requirement.**

GCI is continually upgrading its product. As such, oil specifications are subject to change without notice. For complete specification information, please give us a call.

Air-Condensing

MODEL	Rated BTU Capacity @50°F	Rated BTU Capacity @20°C	L x W x H (in)	Approximate Shipping Wt. (lbs)
DS1AC	10,800	13,500	36 x 18 x 39	350
DS1-1/2AC	18,000	22,500	36 x 20 x 39	420
DS2AC	21,000	30,000	42 x 26 x 39	500
DS3AC	36,000	45,000	42 x 26 x 39	540
DS4AC	49,200	61,500	62 x 30 x 52	700
DS5AC	60,000	75,000	52 x 30 x 52	725
DS8AC	86,400	108,000	52 x 30 x 65	880
DS10AC	110,400	138,000	52 x 30 x 65	960
DSE12AC	133,200	166,500	52 x 30 x 65	1020

H dimension includes caster height.

Air-Condensing Outdoor

MODEL	Rated BTU Capacity @50°F	Rated BTU Capacity @20°C	L x W x H (in)	Approximate Shipping Wt. (lbs)
DS2ACOD	24,000	30,000	42 x 26 x 36	520
DS3ACOD	36,000	45,000	42 x 26 x 30	560
DS4ACOD	49,200	61,500	52 x 30 x 48	720
DS5ACOD	60,000	75,000	52 x 30 x 48	750
DS8ACOD	86,400	108,000	52 x 30 x 60	905
DS10ACOD	110,400	138,000	52 x 30 x 60	990
DS12ACOD	133,200	1116,500	52 x 30 x 60	1050

Outdoor models have TEFC motor, water-resilant conduit, crankcase heater for compressor, suction accumulator, NEMA 4 control box, low-ambient control package, special paint, bolt-down clips. Remote control box optional.

Air-Condensing Split Systems

MODEL	Rated BTU Capacity @50°F	Rated BTU Capacity @20°C	Inside L x W x H (in)	Outside L x W x H (in)	Approximate Shipping Wt. (lbs)
DS2ACS	24,000	10,000	42 x 26 x 36	40 x 25 x 32	545
DS3ACS	36,000	45,000	42 x 26 x 36	40 x 25 x 32	605
DS4ACS	48,000	61,500	52 x 30 x 48	40 x 25 x 32	715
DS5ACS	60,000	75,000	52 x 30 x 48	40 x 25 x 32	745
DSBACS	86,400	108,000	52 x 30 x 60	42 x 41 x 40	1000
DS10ACS	110,400	138,000	52 x 30 x 60	82 x 41 x 40	1185
DS12ACS	133,200	166,500	52 x 30 x 80	82 x 41 x 40	1225

Split system is equipped with a self-contained remote condenser unit. Units are shipped without refrigerant and require installation by a licensed mechanic.

Air-Condensing Split Systems

MODEL	Rated BTU Capacity @50°F	Rated BTU Capacity @20°C	L x W x H (in)	Approximate Shipping Wt. (lbs)
DS1WC	13,080	17,100	36 x 22 x 35	380
DS1-1/2WC	22,800	28,500	36 x 22 x 35	400
DS2WC	30,000	37,500	36 x 22 x 35	430
DS3WC	45,600	17,000	36 x 22 x 40	480
DS4WC	55,200	69,000	36 x 22 x 40	580
DSSWC	72,000	90,000	36 x 22 x 40	600
DSBWC	98,400	123,000	52 x 28 x 48	735
DS10WC	123,000	153,750	52 x 28 x 48	790
DS12WC	144,000	180,000	52 x 28 x 48	790

For H with casters, add 4 in. (5 in. for DSBWC, DS10WC & DS12WC)

All dimensions are normal. For special configurations, compact or low-profile models, consult factory.