

**3- to 30-horsepower portable chillers for low-
and extra-low-temperature service
(+10°F to -50°F range)**

Air and Water Condensing Models

Cast-Iron, Accessible Hermetic Compressors

Hot Gas Bypass System

All Stainless Steel and Copper Coolant Circuit

Rugged, Compact and Dependable

Twenty Models to Meet Your Needs

Designed and built by GCI for applications requiring unusually low temperature cooling, the LT and XLT Series Icewagon Chillers perform down to -30°F and -50°F, well below the operating limits of standard machines. Suitable for soap molding, chemical and polymer processing, printing, ceramic manufacturing, vapor recovery, laboratory apparatus, cryogenics and other specialized applications, these subzero chillers are available in both water and air condensing models in a wide range of capacities.

GCI low-temperature machines are constructed to be tough, compact in overall size and floor footprint, easy to maintain, and accessible for servicing. The standard LT and XLT models incorporate the same premium features of our heavy-duty portable chillers and have a proven reputation for workhorse performance. Custom machines can be built to customer specification with additional capabilities for specialized low-temperature applications (see below).

For complete specification information see the following pages. GCI is continually upgrading its products. As such, oil specifications are subject to change without notice. Call us at 866-319-7189 for more information on low temperature chillers and to get help determining your chiller requirements.

LT & XLT Series ICEWAGON



**GCI
INDUSTRIES** inc.

**PROVIDING
RELIABLE COOLING
FOR SUB-ZERO
APPLICATIONS
FOR OVER
50 YEARS**

COOLING RANGE

- Applications from +10°F to -30°F (LT models)
- Applications from 0°F to -50°F (XLT models)

STANDARD DESIGN AND CONSTRUCTION FEATURES

The following systems, features and materials of construction are standard in all LT & XLT Series Icewagons:

- Structural steel frame with removable panels
- Accessible, cast iron, hermetic compressor (two-stage compressor used for XLT models)
- Insulated 300-series stainless-steel coolant tank
- Stainless-steel centrifugal circulating pump
- Stainless-steel and copper heat exchanger
- Hot-gas bypass system for precise temperature control and extended compressor life (on/off control optional)
- Copper piping and brass valves
- High- and low-pressure refrigerant gauges
- Digital thermostat
- Magnetic starters
- Water-conserving automatic regulating valve (on water condensing models)
- Fans and condensers sized to prevent loss of capacity during hot summer months (on air condensing models)
- Heavy-duty, full-size industrial casters (no uniting clips optional)
- Complete safety package including high/low-pressure refrigeration safety switch, pressure-relief device, motor overload protection, line and control circuit fuses, and pump switch interlock

OPTIONAL/CUSTOM FEATURES AVAILABLE

Using the twenty models in the LT & XLT lines as building blocks, we can custom assemble a machine with a combination of features and systems required for almost any low-temperature cooling application. Opportunities include the following:

- Special paints and colors
- Oversize tanks
- All stainless-steel construction (for medical or food applications)
- Thermostatic controls
- Special pumping systems
- Custom-designed transfer hose assemblies
- Electrical equipment to customer specification
- Weatherproofing for outdoor installations
- Dual refrigeration systems available

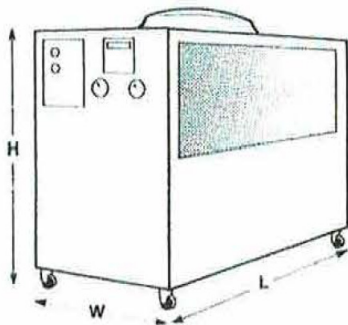
SHIPPING AND INSTALLATION

LT & XLT Series Icewagons are shipped ready to install and come with a complete operating manual which contains flow diagrams and electrical schematics specific to the machine purchased. Installation is uncomplicated, usually involving only electrical and liquid connections. GCI personnel are always available for consultation and advice by phone and will assist in solving any problems if they occur.

ENGINEERING SPECIFICATIONS

Sizes, capacities and machine dimensions of LT & XLT Icewagons are detailed in the engineering tables below. For complete specification information, please refer to the following information sheets.

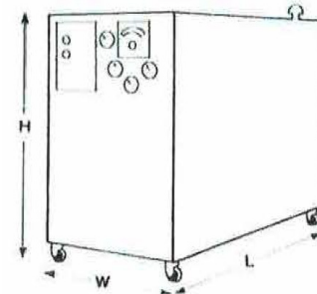
LT & XLT SERIES AIR COOLED MODELS



MODEL	BTU Capacity*	Length	Width	Height
30 ACLT	9,000	50"	31"	50"
40 ACLT	17,500	62"	32"	56"
60 ACLT	23,900	62"	32"	56"
75 ACLT	30,200	62"	32"	56"
100 ACLT	41,000	68"	40"	61"
150 ACLT	56,500	85"	40"	66"
200 ACLT	69,100	94"	48"	74"
300 ACLT	85,000	100"	48"	80"

* Capacity - 10°F for LT and -30°F for XLT

LT & XLT SERIES WATER COOLED MODELS



MODEL	BTU Capacity*	Length	Width	Height
30 WCLT	17,400	40"	23"	48"
40 WCLT	19,500	44"	23"	52"
60 WCLT	26,900	50"	23"	52"
75 WCLT	33,400	50"	23"	52"
100 WCLT	44,300	55"	28"	52"
150 WCLT	62,500	72"	32"	52"
200 WCLT	75,600	72"	32"	52"
300 WCLT	112,000	76"	32"	52"
50 WCXLT	17,500	44"	18"	50"
75 WCXLT	20,000	50"	23"	50"
100 WCXLT	26,000	55"	28"	50"
200 WCXLT	57,000	72"	32"	55"

* Capacity - 10°F for LT and -30°F for XLT