



C-DCP-120 Brewery Chiller 10 Tons - R-404-A

Description:

Package glycol chillers are designed to re-circulate water/glycol to maintain the set temperature of your brewery application. Consists of a superior condensing unit, vented storage tank and pump built entirely into a single cabinet. Each package chiller is ETL listed for end-user confidence.

Dimensions & Weight

Model	W	H	D	Weight
C-DCP-120C*	61"	95"	35"	1050 LBS

Specifications

Cooling Capacity: 120000 BTU/H - 35160 Watts
 Design Conditions:
 34° F - Leaving Water Temp (*Capable down to 20° F*)
 44° F - Entering Water Temp
 Ambient Design: 90° F

Cabinet

- Qualified for outdoor operation.
- Surpassed 1000 hour salt spray test.
- Front and back access panels for simplified maintenance.
- ETL certified electrical panel.

Condensing Unit

- Coils are constructed of copper tubing with aluminum fins for durability and long lasting efficient operation.
- Top discharge allows warm air to be exhausted away from the work area.
- Fan motor qualified for outdoor operation.
- Compressor includes one year limited factory warranty.
- Hail guard.

Refrigeration

- Factory charged with ozone friendly R-404A.
- Liquid line enhanced filter dryer.
- Sight glass with moisture indicator.
- Thermal expansion valves.
- Valves factory installed on suction and discharge lines.
- Copper piping and fittings - Refrigerant grade.
- High/low pressure safety switches.
- Crankcase heater.



Aqua Products Company, Inc.
 P.O. Box 39
 Prosperity, SC 29127

800.849.4264 Toll Free * 803.321.0246 Bus. * 803.321.1980 Fax. * www.aquaproducts.us



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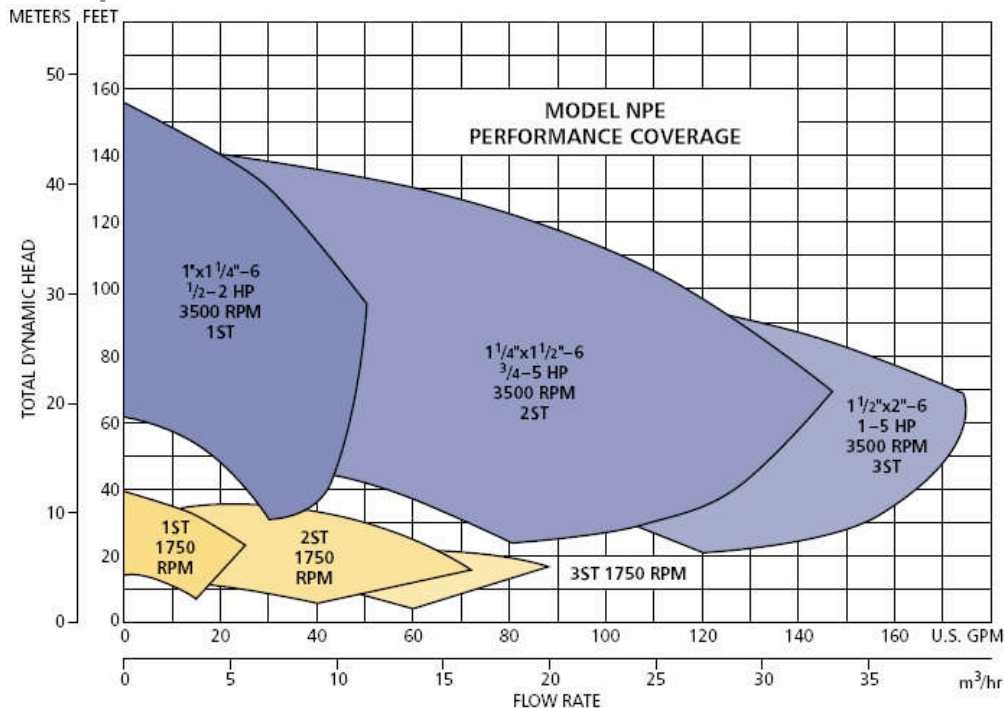
Water Data

Model	Pump Size (HP)	In	Out	Make Up	Tank Capacity	Flow Rate GMP	Pressure Drop PSI
C-DCP-120C*	1 1/2	1 1/2"	1 1/2"	1/2"	75 Gallons	25	3.22

Water Circuit & Heat Exchanger

- Heat exchanger: High quality, freeze resistant tube and shell.
- Refrigerant and water flow are counter flow for maximum exchange.
- Water lines are constructed of rigid copper.
- Water lines stubbed outside of cabinet for simplified installation.
- Plastic vented, insulated storage tank.
- Centrifugal circulation pump.

Pump Curve



* This chart represents Goulds® brand pumps and may not be accurate for other pumps.

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Electrical Circuit

- Single point main power connection.
- ETL listed.
- Equipped with 24 volt control circuit.
- Digital controller.
- 3 phase monitor.
- Low ambient fan cycle control.
- Short cycle control.
- External power on/off control.
- External circuit on/off control.

Voltage Codes (*)

- A: 208-230/60/1
- B: 208-230-60/3
- C: 460/60/3

Options

- Dual circuit on select models.
- Dual stage on select models.
- Freeze stat.
- Thermal displacement flow switch.
- Alarm package.
- External water bypass.
- Compressor heat blanket.
- Consult factory for a full list of options.

Electrical Data

Model	Voltage Range	Minimum Circuit	Max Fuse	RLA
C-DCP-120C*	432 - 504	39.68	60	34.4

The information contained in this document is subject to change at any time without prior notification



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