



- Installation and Service friendly Design
- New more powerful refrigeration technology



GLYCOL POWER PACKS

UBC GROUP USA

2025



Scan to find more

CONTENT

About Glycol Power Packs	2
Determine Power Pack Size	3
New Additions	4
Our Full Product Line	6
Power Pack Specifications	7

ABOUT GLYCOL POWER PACKS

Glycol chillers are essential for precise temperature control in beer lines and brewing systems, with options available for ranges starting from 25 feet to 750 feet. These chillers use glycol to transfer heat over various distances efficiently. Models offer advanced features like multiple pump support and smart control technology for improved energy efficiency. Powered by propane, they integrate seamlessly into brewing processes, delivering outstanding performance and cost savings.

FEATURES



Operation distance up to 750 ft

Reliable run of pump and motor



Digital thermostat

Continuous bath temperature display

No-guess readability

Adjustable temperature control



Optional 6" legs available on selected model

For better floor clearing



Optional second, third and fourth pump

Up to 4 trunk lines can be connected



Stainless Steel finish available upon request

Additional option for metal casing performance



DETERMINE POWER PACK SIZE

USE BTU INSTEAD OF LENGTH OF RUN

Select the most efficient power pack for a beer system by calculating its total BTU (British Thermal Unit) load. Each power pack's BTU capacity is a numerical expression of the heat it can remove from a beer system as it circulates glycol. Each beer system has a unique BTU load that it exerts on the power pack chilling the glycol. If the exerted BTU load exceeds 60% of a power pack's BTU capacity,

the compressor in the unit will need to run longer to maintain the glycol bath temperature. This will overwork the power pack compressor, and ultimately shorten its life. The goal is to have long compressor run times and equal rest times (or as equal as possible). Determining the right power pack to handle a beer system capacity is accomplished with a simple formula.

BTU FORMULA

Calculate using 100 BTU per faucet, and trunkline BTU per foot. Add these totals together and multiply by 1.4 to find the total BTU capacity required

EXAMPLE

# of faucets	x	BTU (100)	=	Total faucets (A)	14	x	100	=	14000
Feet of trunkline	x	Trunkline BTU	=	Total trunkline (B)	140	x	10.0	=	14000
A	+	B	=	Total system BTU	1400	+	1400	=	2800
Total system BTU	x	BTU Capacity	=	BTU power pack must produce	2800	x	1.4	=	3921

In this example the you would round up to the next size power pack at 5,100 BTU



NEW ADDITIONS **CHILLPRO 7500**

Introducing the ChillPro-7500 glycol chiller, perfect for maintaining beer line temperatures. It cools with precision over distances up to 450 feet, keeping your beer cold from keg to tap. The ChillPro-7500 supports up to four pumps, allowing you to manage four lines simultaneously. Powered by propane, this chiller is both efficient and cost-effective. It can also seamlessly integrate into your brewing process, enhancing your entire operation.

FEATURES

Long-range run up to 450 ft

Eco-Friendly Propane

Multi-pump system -
up to 4 pumps

Can be used in the brewing
process



NEW ADDITIONS **CHILLPRO 13000**

The ChillPro-130000 glycol chiller offers up to 450 feet of cooling range and supports up to four pumps for managing multiple lines. Propane-powered with dual compressors and smart controls, it reduces energy costs while integrating seamlessly into your brewing process.

FEATURES

Long-range run up to 750 ft

Eco-Friendly Propane

Multi-pump system -
up to 4 pumps

Two compressors with
smart control





NEW ADDITIONS **CHILLPRO 7500** **WATER COOLED**

Improved Glycol Chiller Performance – With more effective heat exchange, the glycol chiller can maintain colder and more consistent beer line temperatures, ensuring top-quality beer dispensing.

Longer Equipment Lifespan – Water-cooled systems experience less wear and tear from dust and debris compared to air-cooled units,

NEW ADDITIONS **CHILLPRO 13000** **WATER COOLED**



reducing maintenance needs and prolonging equipment life.

More Energy-Efficient in Controlled Environments – In facilities with existing cooling towers or chilled water loops, water-cooled condensers can be more energy-efficient than air-cooled alternatives, especially in high-temperature climates.

FEATURES

It can be installed in tight spaces

Improved glycol chiller performance

Quieter operation

Longer equipment lifespan



OUR FULL PRODUCT LINE



POWER PACK SPECIFICATIONS

	PART #	VOLTAGE (V) FREQUENCY (HZ)	# OF PUMPS	PUMP TYPE	COMPRES- SOR	MAXIMUM DISTANCE	BATH CAPACITY
1 500 BTU	CP1150H	115 / 60	1	Vertical	1/6 HP	25 ft	2 GAL
	CP1150V	115 / 60	1	Vertical	1/6 HP	25 ft	2 GAL
2 600 BTU	G30	115 / 60	1	Horizontal	1/3 HP	125 ft	2.9 GAL
3 200 BTU	CP3200H	115 / 60	1	Horizontal	3/8 HP	125 ft	5.8 GAL
	CP3200V	115 / 60	1	Horizontal	3/8 HP	125 ft	5.8 GAL
4 000 BTU	QP4000	115 / 60	1 / 2	Horizontal	3/4 HP	250ft	2 GAL
	CP4000	115 / 60	1 / 2	Horizontal	1/2HP	250ft	18 GAL
5 500 BTU	QP5500	115 / 60	1	Horizontal	3/4 HP	350ft	2 GAL
	CP5500	115 / 60	1 / 2	Horizontal	3/4 HP	450ft	18 GAL
7 500 BTU	CP7500	208-230 / 60	1 / 2	Horizontal	1 HP	450ft	18 GAL
	CP7500-WC	230/60	2	Horizontal	1 HP	450ft	18 GAL
13 000 BTU	CP13000	208-230 / 60	2 / 3 / 4	Horizontal	1 + 1 HP	750ft	18 GAL
	CP13000-WC	230/60	4	Horizontal	1 + 1 HP	750ft	18 GAL



PV42

Vertical agitator pump ensures better heat transfer inside glycol bath



PM1-3

Horizontal pump designed for longer runs



FROM TANK TO TAP
AND EVERYTHING IN BETWEEN



65 North Central Drive O'Fallon, MO 63366

TEL: (636) 379-2226 **TOLL-FREE:** (888) 808-9286

FAX: (866) 659-8904 **EMAIL:** info@beer-co.us **WEB:** www.beer-co.us

Follow us on:     