## Specifications & Pricing

## BC & BG Series Glycol Chillers



## **Indoor Units**

(Outdoor Units on Reverse)



BC-1.5A BG-2A BGD-3A BGD-5∆ BGD-75A BGD-10∆ BC-1A BG-3A \$6.835 \$7.565 \$8.910 \$10.495 \$11.205 \$13.405 \$16.860 \$15.170

Prices are shown for budgetary purposes only and are current as of March 30, 2023.

Prices are subject to change without notice or obligation.

MODEL BC/BG / BGD		1A	1.5A	2A	3A	5A	7.5A	10A
COMPRESSOR	Horsepower	1	1.5	2	3	5	7½	10
DIGITAL COMPRESSOR					OPT	STD	STD	STD
CAPACITY @ 25°F (LFT)	BTU/hr	5,288	9,028	14,192	17,292	30,512	45,512	62,412
TANK CAPACITY (gallons)	Holding	6	6	7½	71/2	25	25	25
PROCESS PUMP	HP	1/2	1/2	3/4	3/4	2	2	2
	GPM	2.4	3.6	4.8	7.2	12	18	24
	PSI	60	60	32	30	52	50	48
CONNECTION SIZES (Inches NPT)	Process (To/From)	1/2	1/2	3/4	1	11/4	11/4	11/4
FULL LOAD	230/1/60	15	20	24	33	56	94	98
AMPERAGE	230 volt 3Ø			17	23	34	51	56
	460 volt 3Ø			8.5	11	18	26	28
	575 volt 3Ø				7.5	14	19	23
DIMENSIONS (Inches)	Height	38	38	30	43	60	60	60
	Width	24	24	37	34	34	34	34
	Depth	29	29	24	40	40	56	56
WEIGHT (pounds)	Shipping	345	350	415	600	800	1,100	1,100

## **Glycol Chiller Load Application Specialists**

Kip Kelly : KKelly@AdvantageEngineering.com

• Jeff Manifold : JManifold@AdvantageEngineering.com

• Philip Oswalt : PAOswalt@AdvantageEngineering.com

# For application assistance call 317-887-0729

Phone: 317-887-0729 Web: www.AdvantageEngineering.com

#### SUPPORT:

- Equipment selection assistance standard.
- Facility pipe sizing & routing drawings standard.
- Quick online selection tool : www.AdvantageEngineering.com/BC
- Quick online pricing available 24 7 www.AdvantageEngineering.com
- System start up assistance and training optional.
- Call for professional sizing help: 317-887-0729.

#### WARRANTY:

- · 1 Year covering parts and labor
- Free preventative maintenance check in the 2nd year
- · 4 Years covering the control instrument

## **Typical Chiller Sizing**

#### Fermentation Crash Cooling:

BTU/hr = BBL x 575 (crashing from  $75^{\circ}F - 35^{\circ}F$  in 18 hours)

Fermentation Tank In Active Fermentation :

 $BTU/hr = BBL \times 60$ 

## **Brite Tank Temperature Maintenance:**

1 - 5 Barrels : BTU/hr = BBL x 150 5 - 20 Barrels : BTU/hr = BBL x 100 21 or greater : BTU/hr = BBL x 60

## Wort Cooling:

Cold Liquor Tank :

 $BTU/hr = BBL \times 320$ 

Assumes dropping cold liquor tank 75°F to 45°F in 24 hours

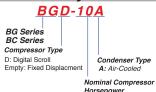
## 2 Stage Wort Cooler:

BTU/hr = BBL per hour x 5,150
Assumes city water cools from boil to 90°F and the glycol cools from 90°F to 70°F.)

## Cold Room Storage:

4 BTU/hr per 1 cubic foot of room volume Consult factory for assumptions.

## Model Designator for BC & BG Glycol Chillers





ADVANTAGE PRODUCTS: TEMPERATURE CONTROLLERS · PORTABLE CHILLERS · CENTRAL CHILLERS · PUMP TANK STATIONS · TOWER SYSTEMS · FILTERS

## Specifications & Pricing

## **BG & BGD Series Glycol Chillers**



## Outdoor Units

(Indoor Units on Reverse)







BG-2A-N4 \$14.245

BG-3A-N4 \$14.545

BGD-3A-N4 \$15.220

\$19.660

BGD-7 5Δ-N4 BGD-10Δ-N4 \$21.915 \$23.305

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MODEL BG/BGD		2A	3A	5A	7.5A	10A
COMPRESSOR	Horsepower	2	3	5	7½	10
DIGITAL COMPRESSOR			OPT	STD	STD	STD
CAPACITY @ 25°F (LFT)	BTU/hr	14,192	17,292	30,512	45,512	62,412
TANK CAPACITY (gallons)	Holding	7	7	65	65	65
PROCESS PUMP	HP	3/4	3/4	2	2	2
	GPM	4.8	7.2	12	18	24
	PSI	32	30	52	50	48
CONNECTION SIZES (Inches NPT)	Process (To/From)	3/4	1	11/4	11/4	11/4
FULL LOAD	230/1/60	24	33	56	94	98
AMPERAGE	230 volt 3Ø	17	23	36	51	56
	460 volt 3Ø	8.5	11	18	26	28
	575 volt 3Ø		7.5	14	19	23
DIMENSIONS (inches)	Height	40	40	61	61	61
	Width	32	34	34	68	68
	Depth	53	50	66	46	46
WEIGHT (pounds)	Shipping	600	700	1,200	1,500	1,600

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## 2 Stage Wort Cooler:

BTU/hr = BBL per hour x 5,150Assumes city water cools from boil to 90°F and the glycol cools from 90°F to 70°F.)

#### Cold Room Storage:

4 BTU/hr per 1 cubic foot of room volume Consult factory for assumptions

## Model Designator for **BG-N4 Series Glycol Chillers**

