

Specifications & Pricing

BC & BG Series Glycol Chillers

Made In the USA

March 30, 2023



Indoor Units

(Outdoor Units on Reverse)



BC-1A	BC-1.5A	BG-2A	BG-3A	BGD-3A	BGD-5A	BGD-7.5A	BGD-10A
\$6,835	\$7,565	\$8,910	\$10,495	\$11,205	\$13,405	\$15,170	\$16,860

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	7½	25	25	25
PROCESS PUMP	HP		½	½	¾	¾	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)		½	½	¾	1	1¼	1¼	1¼
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

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

ADVANTAGE ENGINEERING, INC. 525 East Stop 18 Road Greenwood, IN 46142 phone: 317-887-0729 fax: 317-881-1277

Web site: www.AdvantageEngineering.com Email: sales@AdvantageEngineering.com ©2023 ADVANTAGE ENGINEERING, INC. Form #ADV-1044 updated 03/30/2023

SINCE PRODUCT INNOVATION AND IMPROVEMENT IS OUR CONSTANT GOAL, ALL FEATURES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY.

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°F - 35°F in 18 hours)

Fermentation Tank In Active Fermentation :

BTU/hr = BBL x 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 x 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

BGD-10A

BG Series
BC Series
Compressor Type

D: Digital Scroll
Empty: Fixed Displacement

Condenser Type
A: Air-Cooled

Nominal Compressor
Horsepower



Specifications & Pricing

BG & BGD Series Glycol Chillers

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March 30, 2023



Outdoor Units

(Indoor Units on Reverse)



BG-2A-N4	BG-3A-N4	BGD-3A-N4	BGD-5A-N4	BGD-7.5A-N4	BGD-10A-N4
\$14,245	\$14,545	\$15,220	\$19,660	\$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		¾	¾	2	2	2
	GPM		4.8	7.2	12	18	24
	PSI		32	30	52	50	48
CONNECTION SIZES (Inches NPT)	Process (To/From)		¾	1	1¼	1¼	1¼
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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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 BG-N4 Series Glycol Chillers

