

INTRODUCING A CRAC TEAM OF PROFESSIONALS



WHEN THE MISSION IS CRITICAL

 **gForce**
by Data Aire

Product Features

Cooling Flexibility*



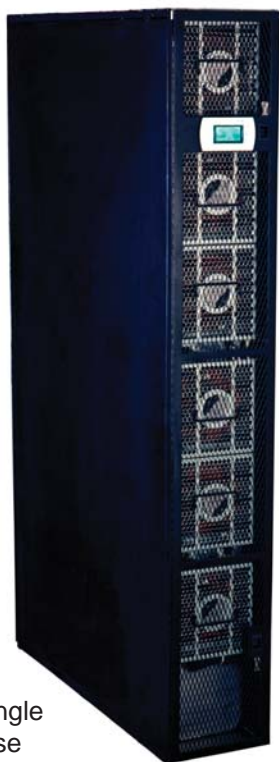
Reposition cooling air to the left, right, straight ahead or in opposite directions.

* - on 24" Only

12" - GICW-030 or GIDX-021

24" - GICW-060 or Glxx-035

Six variable speed fans - Hot swappable



208/230 v single or three phase 60 hertz

Width 12.0", Depth 42.0", Height 78.5"

Top or bottom piping*

dap4 microprocessor controller

Communication cards for easy BMS connection*

Remote rack temperature sensors

Dual power feed with ATS*

Casters for easy movement

* - Optional Features



Three variable speed fans on chilled water version, two on DX

Variable speed compressor

Electric reheat and humidifier*

460 v or 208/230 v three phase 60 hertz

Width 24.0", Depth 42.0", Height 78.5"

Performance Data - Chilled Water Version

12" - GICW-03012 at 3,000 cfm

24" - GICW-06034 at 4,600 cfm

Entering Air Temp DB	Entering Air Temp WB	Entering Water Temp	Chilled Water Flow Rate GPM	Chilled Water Delta T	Net Total Btu/hr	Net Sensible Btu/hr	Chilled Water Flow Rate GPM	Chilled Water Delta T	Net Total Btu/hr	Net Sensible Btu/hr
80	62.8	45	13.0	10	56,700	56,700	31.0	10	135,800	124,500
80	62.8	45	10.2	12	52,880	52,880	19.7	14	120,700	115,700
85	64.5	45	15.5	10	68,200	68,200	36.0	10	159,200	147,300
85	64.5	45	10.0	14	60,610	60,610	23.5	14	144,800	139,100
90	66.1	45	18.0	10	79,670	79,670	40.7	10	181,900	170,000
90	66.1	45	11.7	14	71,920	71,920	27.0	14	168,200	162,100
95	67.7	45	16.4	12	87,250	87,250	37.0	12	198,200	188,900
95	67.7	45	13.5	14	83,420	83,420	30.8	14	191,900	185,100
100	69.2	45	18.5	12	98,750	98,750	41.0	12	220,900	211,600
100	69.2	45	15.2	14	94,780	94,780	34.3	14	214,800	208,000
105	70.8	45	17.0	14	106,280	106,280	37.7	14	238,200	230,200

Performance Data - DX Version

24" - GIDX-035

DX Version - Air-Cooled Capacity at 3,600 cfm

Entering Air Temp DB/WB	Net Total Btu/hr	Net Sensible Btu/hr
72/60	109,360	80,970
75/61.1	111,840	87,200
80/62.8	115,500	97,890
80/67	125,250	83,700
85/64.6	119,950	108,420
90/66.2	123,600	119,390
95/67.8	129,490	129,490
100/69.3	136,490	136,490
105/70.8	143,780	143,780

DX Version - Liquid Cooled Capacities at 3,600 cfm

Entering Air Temp DB/WB	Glycol Cooled - Entering Water Temperature 110° F		Water Cooled - Entering Water Temperature 85° F		Water Cooled - Entering Water Temperature 75° F	
	Net Total Btu/hr	Net Sensible Btu/hr	Net Total Btu/hr	Net Sensible Btu/hr	Net Total Btu/hr	Net Sensible Btu/hr
72/60.0	102,910	77,920	115,760	84,050	118,300	85,280
75/61.1	105,310	84,170	118,340	90,270	120,830	91,460
80/62.8	108,800	94,880	122,160	100,930	125,210	102,340
80/67.0	118,080	80,740	132,390	86,710	135,120	87,870
85/64.6	112,520	105,200	126,270	111,210	129,410	112,610
90/66.2	117,010	117,010	130,040	122,170	134,130	122,120
95/67.8	123,690	123,690	135,000	135,000	137,330	137,330
100/69.3	130,380	130,380	142,010	142,010	144,640	144,640
105/70.8	137,370	137,370	149,330	149,330	151,680	151,680

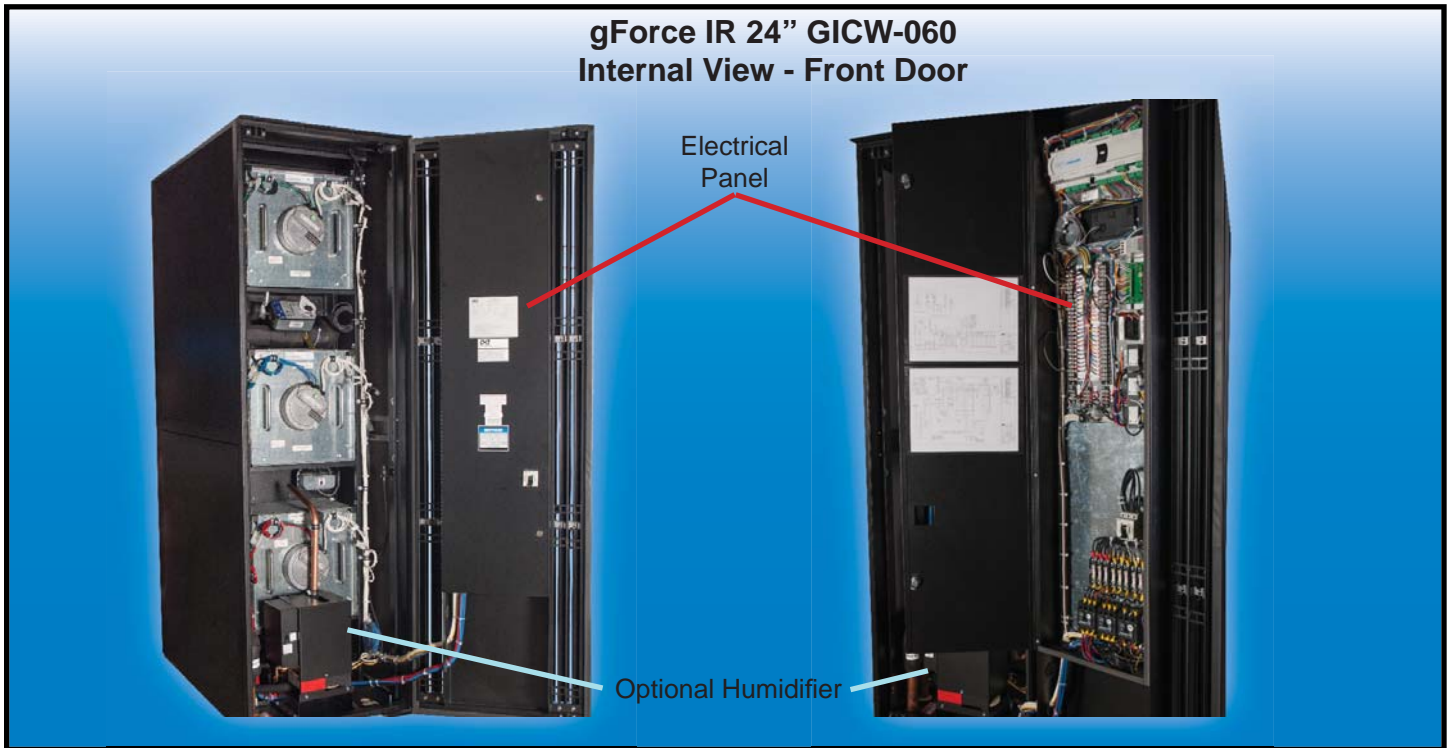
12" - GIDX-021

DX Version - Air-Cooled Capacity*

Entering Air Temp DB/WB	Airflow	Net Total Btu/hr	Net Sensible Btu/hr
72/60	2,700	57,525	46,260
75/61.1	2,700	58,950	50,800
80/62.8	2,700	61,300	58,310
80/67	2,700	66,000	48,360
85/64.6	2,700	65,180	62,200
90/66.2	2,700	69,280	66,300
95/67.8	2,400	70,825	67,845
100/69.3	2,050	70,900	67,920
105/70.8	1,800	71,070	68,090

* - Capacities with a condensing unit.

**gForce IR 24" GICW-060
Internal View - Front Door**



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