



G-PAC AIR-COOLED PORTABLE CHILLERS

The GP Series air-cooled portable chillers provide 20 to 50 kW (5 to 15 Tons of Refrigeration) cooling capacities with compact footprints. The forward thinking design simplifies installation and maintenance while conserving valuable floor space. They also comply with all governmental and environmental standards by reducing the carbon footprint.

All GP Series portable chillers have an operating leaving water temperature range of 20°F to 80°F (-7°C to 27°C). These air-cooled units have been designed for a maximum of 115°F (46°C) ambient air temperature. Consult the factory for applications outside this temperature range.

STANDARD FEATURES

- Environmentally friendly non-CFC 410a refrigerant
- Non-ferrous piping
- Polyethylene rotationally molded tank
- Single stainless steel high flow process pumps (no need for recirculation pump)
- Low Process water thermal flow switch
- Internal process water bypass valve for system protection only
- 4" (102mm) swivel casters
- Stainless steel brazed plate evaporator
- Evaporator inlet Y-strainer with blow-down valve
- Aluminum micro-channel condenser coil with cleanable inlet filter
- Outdoor rated, OAO condenser fan motors
- Fully insulated refrigeration and process cooling
- Low refrigerant pressure safety through suction pressure transducer
- High refrigerant pressure safety switch
- High pressure, spring actuated, refrigerant relief valve
- Filter dryer, sight glass, externally equalized thermal expansion valve, and multiple refrigeration access points
- Liquid line solenoid valve
- Electronic hot-gas bypass capacity control
- Refrigeration shutoff valves
- Scroll compressors with crankcase heater
- Fan cycling
- NEMA-12/IP55 electrical enclosure
- Rotary power disconnect switch
- PLC controls with the following features
 - o 8-line x 20 character monochrome remote mountable display
 - Constant setpoint, To and From Process temperatures
 - Tank Level
 - Pump To Process pressure
 - Capacity
 - o Pressure transducers for compressor suction and discharge pressures
 - o High accuracy thermistors for temperature control
 - o Remote on/off control
 - o Diagnostics indicating low flow, high fluid temperature, high or low refrigeration pressure, high or low tank fluid level, sensor faults, and motor overload faults
 - o Anti-cycling timer
- Warranty: 1 year on compressor and labor; 2 years on parts, 3 years on controller



GP 5-15 air-cooled

OPTIONAL FEATURES

- Automatic water makeup valve
- High capacity pumps
- Unit less pump or tank or both
- General fault audible and visual alarm
- UL listed electrical subpanel
- Outdoor operation
- Variable frequency drives for condenser fan motor in low ambient conditions
- Compressor rotolock valves
- Capability to operate with leaving fluid temperatures over 80°F (27°C), or down to -30°F (-34°C)
- Serial communications including Modbus RTU, BACNet, and Lonworks
- Ethernet communications – Modbus RTU
- Sensor package – includes sensors for entering condenser air temperature, and suction and discharge refrigerant temperatures to calculate capacity, unit superheat and sub-cooling
- 4 year extended compressor warranty (parts only)

SPECIFICATIONS: AIR-COOLED CONDENSERS — 60 HZ

Model	Compressor HP (kW)	Fan HP (kW)	Compressor Type	Evaporator Type	Condenser Type	Polyethylene Reservoir Gal (liter)	Standard Pump (SS304) HP (kW)	Discharge air volume CFM (m ³ /min)
GPAC-20	5 (3.7)	0.5 (0.4)	Hermetic Scroll	SS copper-brazed plate-type	Aluminum	20 (75)	1.5 (1.1)	4230 (120)
GPAC-30	7.5 (5.6)	1.0 (0.7)					2 (1.5)	6343 (180)
GPAC-40	10 (7.5)	1.0 (0.7)				40 (150)	2 (1.5)	8458 (240)
GPAC-50	15 (11.2)	2.0 (1.5)					3 (2.2)	12687 (360)

Model	Nominal Capacity ¹		Process Connections (in NPT)	Water Flow ² gpm (lpm)	Water Pressure ² psi (bar)	MCA ³		Running Amps ³	
	0 Pump Tons (kW)	1 Pump Tons (kW)				0 Pump	1 Pump	0 Pump	1 Pump
GPAC-20	4.6 (16.1)	4.3 (15.1)	1-1/4	12 (45)	41 (2.8)	15.05	17.65	9.17	11.77
GPAC-30	7.3 (25.7)	7.0 (24.6)	1-1/2	18 (68)	50 (3.4)	22.93	26.93	14.03	18.03
GPAC-40	9.9 (34.9)	9.5 (33.4)	2	24 (91)	46 (3.2)	27.43	31.43	17.56	21.56
GPAC-50	15.2 (53.4)	14.8 (52.0)	2	36 (136)	52 (3.6)	41.23	45.43	28.32	32.52

¹ Capacity based on 50°F (10°C) To Process fluid temperature and 95°F (35°C) ambient air temperature. Optional additional process pump hp (kW) reduces chiller capacity by 0.2 tons per motor hp (0.702 kW ref. cap. per 0.746 kW pump power).

² Water flow and pressure To Process based on 2.4 gpm per ton (2.6 lpm per kW).

³ MCA and Running amps at 460VAC/3/60. Multiply amperage by 2.2 for 208VAC/3/60; 2.0 for 230VAC/3/60; 0.8 for 575VAC/3/60. An optional oversized process pump adds to the MCA or running amperage. To find the new MCA or running chiller amperage, add the FLA of the optional pump to the O pump Value MCA or Running Amps.

PUMP OPTIONS

Optional Pump HP (kW)	FLA @ 460V/3/60	Availability			
		-20	-30	-40	-50
1.5 (1.1)	2.6	S	-	-	-
2 (1.5)	4.0	O	S	S	-
3 (2.2)	4.2	O	O	O	S
5 (3.7)	8.2	O	O	O	O
10 (7.5)	12.0	-	-	O	O

PRESSURE DROP DATA AT 50°F (10°C) PURE WATER

GPAC-20		GPAC-30		GPAC-40		GPAC-50	
gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)
6 (23)	1.5 (0.1)	9 (34)	1.5 (0.1)	12 (45)	1.5 (0.1)	18 (68)	1.6 (0.1)
12 (45)	5.2 (0.4)	18 (68)	5.3 (0.4)	24 (90)	5.4 (0.4)	36 (136)	5.6 (0.4)
24 (90)	18.6 (1.3)	36 (136)	18.9 (1.3)	48 (180)	19.3 (1.3)	72 (272)	20.2 (1.4)

CAPACITY RATINGS AT VARYING LEAVING FLUID TEMPERATURES

LFT °F (°C)	% EG ¹	GPAC-20		GPAC-30		GPAC-40		GPAC-50	
		EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)
20 (-5)	33	5.72	2.28 (8.02)	6.40	3.71 (13.05)	6.66	3.79 (13.33)	6.74	7.69 (27.05)
25 (-4)	28	6.55	2.60 (9.14)	7.12	4.17 (14.67)	7.43	4.28 (15.05)	7.52	8.67 (30.49)
30 (-1)	25	7.40	2.94 (10.34)	7.89	4.65 (16.36)	8.25	4.80 (16.88)	8.36	9.72 (34.11)
35 (2)	20	8.29	3.29 (11.57)	8.73	5.19 (18.25)	8.73	6.92 (24.34)	9.28	10.87 (38.23)
40 (5)	10	9.29	3.67 (12.91)	9.65	5.78 (20.33)	9.69	7.71 (27.12)	10.27	12.13 (42.66)
45 (7)	0	10.31	4.07 (14.31)	10.61	6.39 (22.47)	10.75	8.60 (30.25)	11.29	13.47 (47.37)
50 (10)	0	11.05	4.29 (15.09)	11.56	7.00 (24.62)	11.81	9.51 (33.45)	12.33	14.88 (52.33)
55 (12)	0	12.11	4.82 (16.95)	12.63	7.26 (25.53)	12.89	10.40 (36.58)	12.64	15.92 (55.99)
60 (15)	0	12.89	5.18 (18.22)	13.73	7.85 (27.61)	13.56	11.23 (39.50)	13.16	17.08 (60.07)
65 (18)	0	13.60	5.48 (19.27)	13.01	8.44 (29.68)	14.25	12.12 (42.63)	13.71	18.39 (64.68)
70 (20)	0	14.86	6.08 (21.38)	13.60	9.05 (31.83)	14.86	12.98 (45.65)	14.15	19.63 (69.04)
75 (24)	0	15.81	6.55 (23.04)	14.31	9.69 (34.08)	15.45	13.88 (48.82)	14.46	20.93 (73.61)
80 (25)	0	15.82	6.82 (23.99)	15.35	10.96 (38.55)	15.47	14.67 (51.89)	14.76	21.77 (76.57)

¹ Percent glycol is the minimum percentage of glycol/water mixture based on volume.

² Energy Efficiency Rating (EER) is for compressor only.

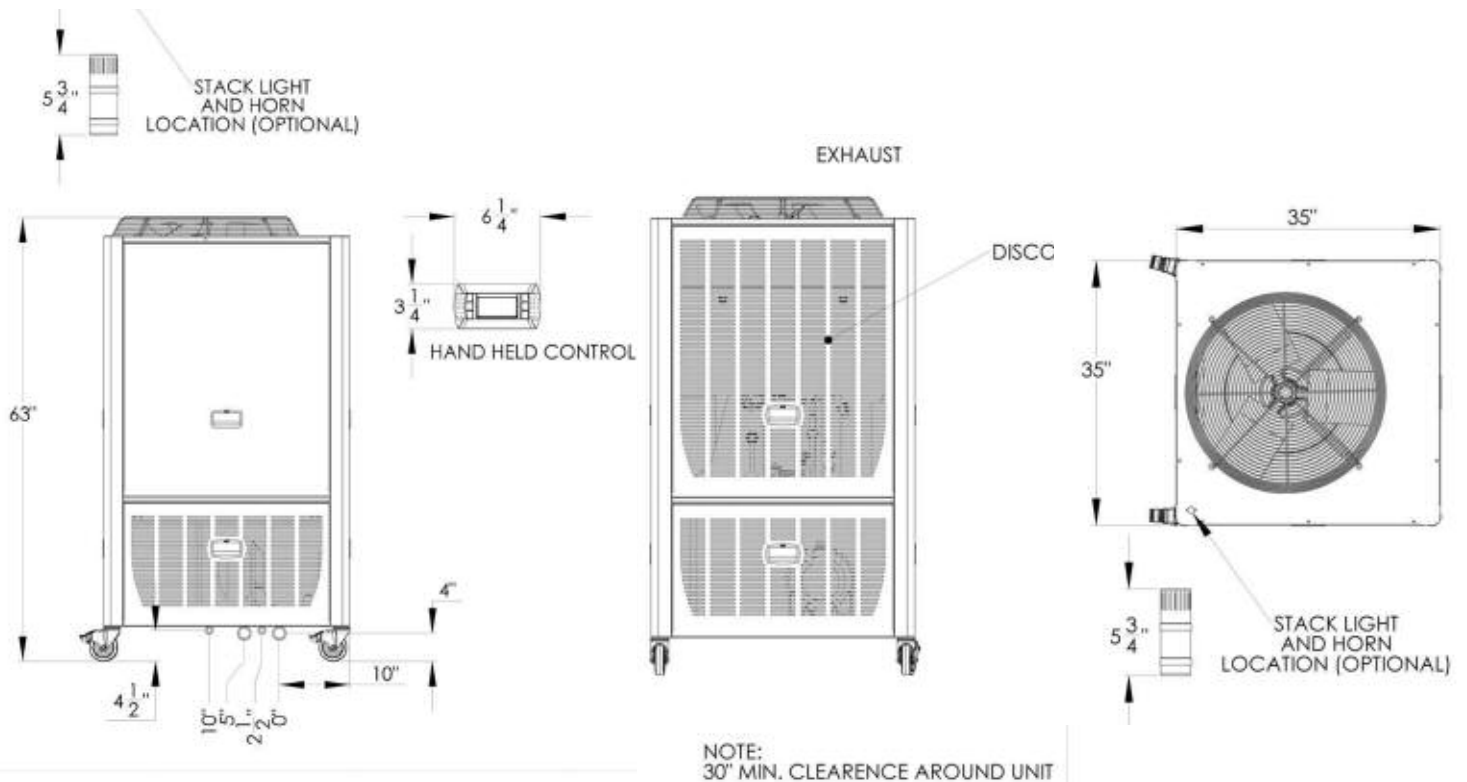
³ Capacity based on 95°F (35°C) ambient air temperature and standard pump listed above.

G-PAC 5-15 AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPAC-20, 5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	4.65 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	4936 Watts
Ambient Air Temperature	95 °F	EER	11.31 BTU/Watt
Coolant	WATER	Condenser Air Flow	4230 CFM
Coolant Flow	11 GPM	Sound Power Level	86 dBA
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	6-24 GPM
Ambient Air Temperature	60-115 °F	Minimum Load	0.93 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Aluminum	Refrigerant	3 lbs R-410a
Condenser Fans	24" axial	Frame	Galvanized Steel
Condenser Fan Motor	1/2 hp OAO, 1140 RPM	Panels	Powder Coated Steel
Reservoir	20 gal. Polyethylene	Weight (operating)	690 lbs.
Power	460V/3/60	Weight (shipping)	520 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	9.6 Amps	Control	Microprocessor

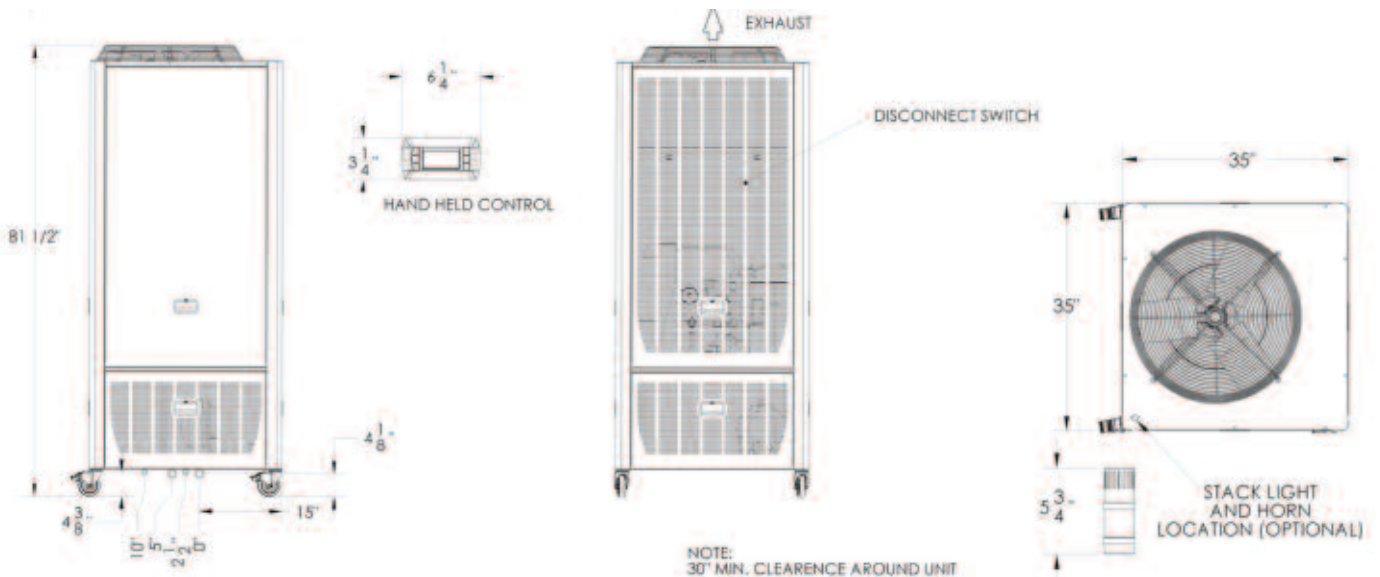


G-PAC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPAC-30, 7.5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	7.3 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	7579 Watts
Ambient Air Temperature	95 °F	EER	11.56 BTU/Watt
Coolant	WATER	Condenser Air Flow	6343 CFM
Coolant Flow	17 GPM	Sound Power Level	92 dBA
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	9-36 GPM
Ambient Air Temperature	60-115 °F	Minimum Load	1.46 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Aluminum	Refrigerant	4 lbs R-410a
Condenser Fans	24" axial	Frame	Galvanized Steel
Condenser Fan Motor	1 hp OAO, 1140 RPM	Panels	Powder Coated Steel
Reservoir	20 gal. Polyethylene	Weight (operating)	870 lbs.
Power	460V/3/60	Weight (shipping)	700 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	14.7 Amps	Control	Microprocessor

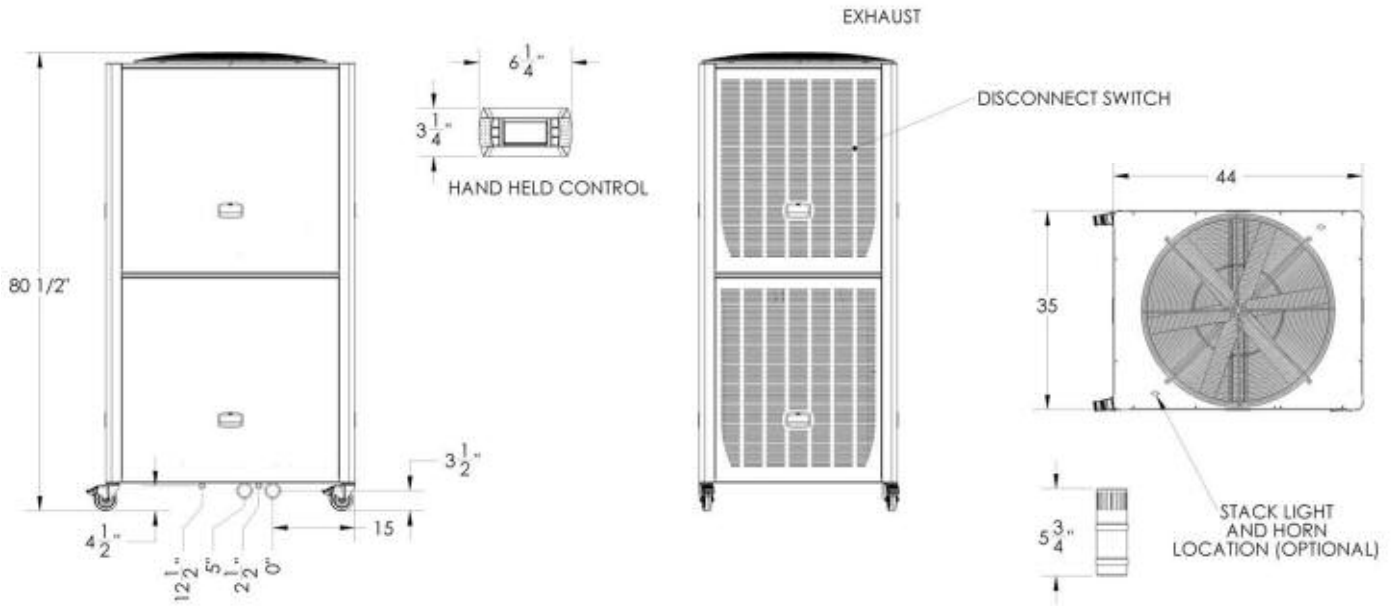


G-PAC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPAC-40, 10 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	9.91 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	10070 Watts
Ambient Air Temperature	95 °F	EER	11.81 BTU/Watt
Coolant	WATER	Condenser Air Flow	8458 CFM
Coolant Flow	24 GPM	Sound Power Level	87 dBA
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	12-48 GPM
Ambient Air Temperature	60-115 °F	Minimum Load	1.98 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Aluminum	Refrigerant	6 lbs R-410a
Condenser Fans	32" axial	Frame	Galvanized Steel
Condenser Fan Motor	1 hp OAO, 1140 RPM	Panels	Powder Coated Steel
Reservoir	40 gal. Polyethylene	Weight (operating)	1090 lbs.
Power	460V/3/60	Weight (shipping)	760 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	17.9 Amps	Control	Microprocessor

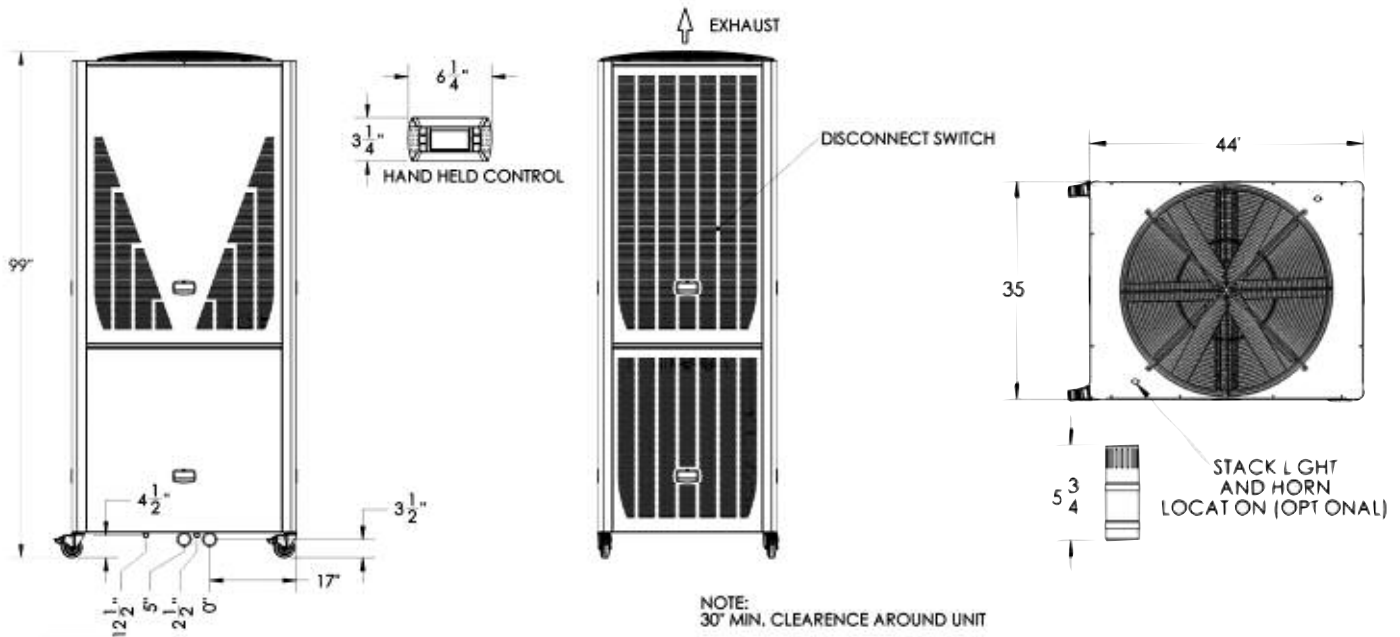
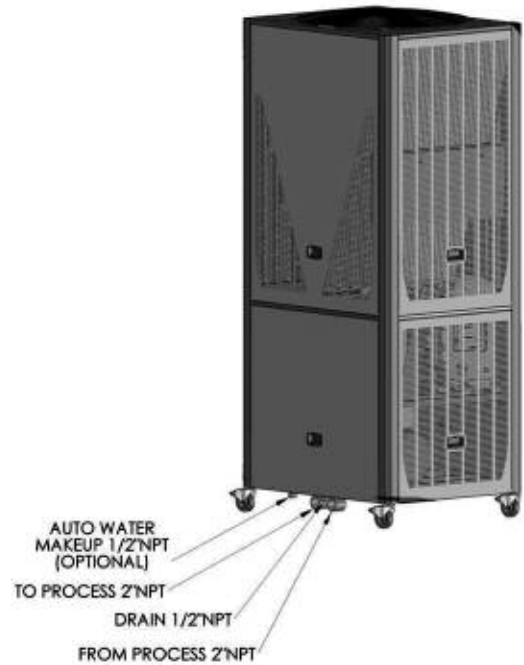


G-PAC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPAC-50, 15 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	15.19 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	14882 Watts
Ambient Air Temperature	95 °F	EER	12.25 BTU/Watt
Coolant	WATER	Condenser Air Flow	12687 CFM
Coolant Flow	36 GPM	Sound Power Level	93 dBA
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	18-72 GPM
Ambient Air Temperature	60-115 °F	Minimum Load	3.04 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Aluminum	Refrigerant	8 lbs R-410a
Condenser Fans	32" axial	Frame	Galvanized Steel
Condenser Fan Motor	2 hp OAO, 1140 RPM	Panels	Powder Coated Steel
Reservoir	40 gal. Polyethylene	Weight (operating)	1290 lbs.
Power	460V/3/60	Weight (shipping)	950 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	26.9 Amps	Control	Microprocessor





G-PWC WATER-COOLED PORTABLE CHILLERS

The GP Series water-cooled portable chillers provide 20 to 50 kW (5 to 15 Tons of Refrigeration) cooling capacities with compact footprints. The forward thinking design simplifies installation and maintenance while conserving valuable floor space. They also comply with all governmental and environmental standards by reducing the carbon footprint.

All GP Series portable chillers have an operating leaving water temperature range of 20°F to 80°F (-7°C to 27°C). Consult the factory for applications outside this temperature range.



GP 5-15 water-cooled

STANDARD FEATURES

- Environmentally friendly non-CFC 410a refrigerant
- Non-ferrous piping
- Polyethylene rotationally molded tank
- Single stainless steel high flow process pumps (no need for recirculation pump)
- Low Process water thermal flow switch
- Internal process water bypass valve for system protection only
- 4" (102mm) swivel casters
- Stainless steel brazed plate evaporator
- Tube-in-tube condenser coil with electronic water saver valve
- Fully insulated refrigeration and process piping
- Low refrigerant pressure safety through suction pressure transducer
- High refrigerant pressure safety switch
- High pressure, spring actuated, refrigerant relief valve
- Filter dryer, sight glass, externally equalized thermal expansion valve, and multiple refrigeration access points
- Liquid line solenoid valve
- Electronic hot-gas bypass capacity control
- Refrigeration shutoff valves
- Scroll compressors
- NEMA-12/IP55 electrical enclosure
- Rotary power disconnect switch
- PLC controls with the following features
 - o 8-line x 20 character monochrome remote mountable display
 - Constant setpoint, To and From Process temperatures
 - Tank Level
 - Pump To Process pressure
 - Capacity
 - o Pressure transducers for compressor suction and discharge pressures
 - o High accuracy thermistors for temperature control
 - o Remote on/off control
 - o Diagnostics indicating low flow, high fluid temperature, high or low refrigeration pressure, high or low tank fluid level, sensor faults, and motor overload faults
 - o Anti-cycling timer
- Warranty: 1 year parts and labor; 3 years on controller

OPTIONAL FEATURES

- Automatic water makeup valve
- High capacity pumps
- Unit less pump or tank or both
- General fault audible and visual alarm
- UL listed electrical subpanel
- Outdoor operation
- Compressor rotolock valves
- Capability to operate with leaving fluid temperatures over 80°F (27°C), or down to -30°F (-34°C)
- Serial communications including Modbus RTU, BACNet and Lonworks
- Ethernet communications – modbus RTU
- Sensor package – includes sensors for entering condenser water temperature, and suction and discharge refrigerant temperatures to calculate capacity, unit superheat and sub-cooling
- 4 year extended compressor warranty (parts only)

G-PWC 5-15 HP WATER-COOLED PORTABLE CHILLERS

HEAT AND COOL

SPECIFICATIONS: WATER-COOLED CONDENSERS — 60 HZ

Model	Compressor HP (kW)	Compressor Type	Evaporator Type	Condenser Type	Polyethylene Reservoir Gal (liter)	Standard Pump (SS304) HP (kW)	Condenser Water		
							Tower Water Flow gpm (lpm)	City Water Flow gpm (lpm)	Water Connection in. NPT
GPWC-20	5 (3.7)	Hermetic Scroll	SS copper-brazed plate-type	Tube-in-tube	20 (75)	1.5 (1.1)	15.7 (60)	7.9 (30)	1
GPWC-30	7.5 (5.6)					2 (1.5)	21.3 (80)	10.7 (41)	1
GPWC-40	10 (7.5)				40 (150)	2 (1.5)	32.2 (122)	16.1 (61)	1 - 1/4
GPWC-50	15 (11.2)					3 (2.2)	47.8 (180)	23.8 (90)	1 - 1/2

Model	Nominal Capacity ¹		Process Connections (in NPT)	Water Flow ² gpm (lpm)	Water Pressure ² psi (bar)	MCA ³		Running Amps ³	
	0 Pump Tons (kW)	1 Pump Tons (kW)				0 Pump	1 Pump	0 Pump	1 Pump
GPWC-20	5.1 (18.0)	4.9 (17.3)	1-1/4	12 (45)	41 (2.8)	13.70	16.30	6.71	9.31
GPWC-30	8.0 (28.1)	7.7 (27.0)	1-1/2	18 (68)	50 (3.4)	20.83	24.83	10.65	13.25
GPWC-40	10.9 (38.5)	10.5 (37.1)	2	24 (91)	46 (3.2)	25.33	29.33	13.68	17.68
GPWC-50	16.7 (58.6)	16.3 (57.2)	2	36 (136)	52 (3.6)	37.83	42.03	22.60	26.80

¹ Capacity based on 50°F (10°C) To Process fluid temperature and 85°F (30°C) condenser water inlet temperature. Optional additional process pump hp (kW) reduces chiller capacity by 0.2 tons per motor hp (0.703 kW ref. cap. per 0.746 kW pump power).

² Water flow and pressure To Process based on 2.4 gpm per ton (2.6 lpm per kW).

³ MCA and Running amps at 460VAC/3/60. Multiply amperage by 2.2 for 208VAC/3/60; 2.0 for 230VAC/3/60; 0.8 for 575VAC/3/60. An optional oversized process pump adds to the MCA or running amperage. To find the new MCA or running chiller amperage, add the FLA of the optional pump to the O pump Value MCA or Running Amps.

PUMP OPTIONS

Optional Pump HP (kW)	FLA @ 460V/3/60	Availability			
		-20	-30	-40	-50
1.5 (1.1)	2.6	S	-	-	-
2 (1.5)	4.0	O	S	S	-
3 (2.2)	4.2	O	O	O	S
5 (3.7)	8.2	O	O	O	O
10 (7.5)	12.0	-	-	O	O

PRESSURE DROP DATA AT 50°F (10°C) PURE WATER

GPWC-20		GPWC-30		GPWC-40		GPWC-50	
gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)
6 (23)	1.5 (0.1)	9 (34)	1.5 (0.1)	12 (45)	1.5 (0.1)	18 (68)	1.6 (0.1)
12 (45)	5.2 (0.4)	18 (68)	5.3 (0.4)	24 (90)	5.4 (0.4)	36 (136)	5.6 (0.4)
24 (90)	18.6 (1.3)	36 (136)	18.9 (1.3)	48 (180)	19.3 (1.3)	72 (272)	20.2 (1.4)

CAPACITY RATINGS AT VARYING LEAVING FLUID TEMPERATURES

LFT °F (°C)	% EG ¹	GPWC-20		GPWC-30		GPWC-40		GPWC-50	
		EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)
20 (-5)	33	7.99	2.61 (9.18)	8.40	4.13 (14.53)	8.55	5.51 (19.38)	8.91	8.65 (30.42)
25 (-4)	28	8.99	2.94 (10.34)	9.35	4.64 (16.32)	9.55	6.21 (21.84)	9.92	9.72 (34.19)
30 (-1)	25	10.02	3.28 (11.54)	10.28	5.14 (18.08)	10.66	6.99 (24.58)	10.93	10.82 (38.05)
35 (2)	20	11.23	3.67 (12.91)	11.28	5.68 (19.98)	11.76	7.76 (27.29)	12.07	12.07 (42.45)
40 (5)	10	12.51	4.08 (14.35)	12.52	6.36 (22.37)	13.00	8.66 (30.46)	13.27	13.43 (47.23)
45 (7)	0	13.80	4.50 (15.83)	13.74	7.03 (24.72)	14.28	9.61 (33.80)	14.51	14.87 (52.30)
50 (10)	0	15.13	4.92 (17.30)	14.92	7.68 (27.01)	15.53	10.54 (37.07)	15.80	16.42 (57.75)
55 (12)	0	15.86	5.47 (19.24)	16.36	8.64 (30.39)	17.00	11.66 (41.01)	16.29	17.12 (60.21)
60 (15)	0	16.61	5.79 (20.36)	16.96	9.16 (32.22)	17.53	12.32 (43.33)	16.66	18.39 (64.68)
65 (18)	0	17.53	6.19 (21.77)	17.65	9.75 (34.29)	18.14	13.07 (45.97)	17.13	19.52 (68.65)
70 (20)	0	18.50	6.59 (23.18)	18.41	10.38 (36.51)	18.78	13.86 (48.75)	17.56	20.66 (72.66)
75 (24)	0	19.36	6.97 (24.51)	19.04	10.97 (38.58)	19.26	14.58 (51.28)	17.84	21.70 (76.32)
80 (25)	0	20.38	7.40 (26.03)	19.80	11.64 (40.94)	19.84	15.40 (54.16)	18.17	22.89 (80.50)

¹ Percent glycol is the minimum percentage of glycol/water mixture based on volume.

² Energy Efficiency Rating (EER) is for compressor only.

³ Capacity based on 85°F (30°C) ambient air temperature and standard pump listed above.

G-PWC 5-15 HP WATER-COOLED PORTABLE CHILLERS

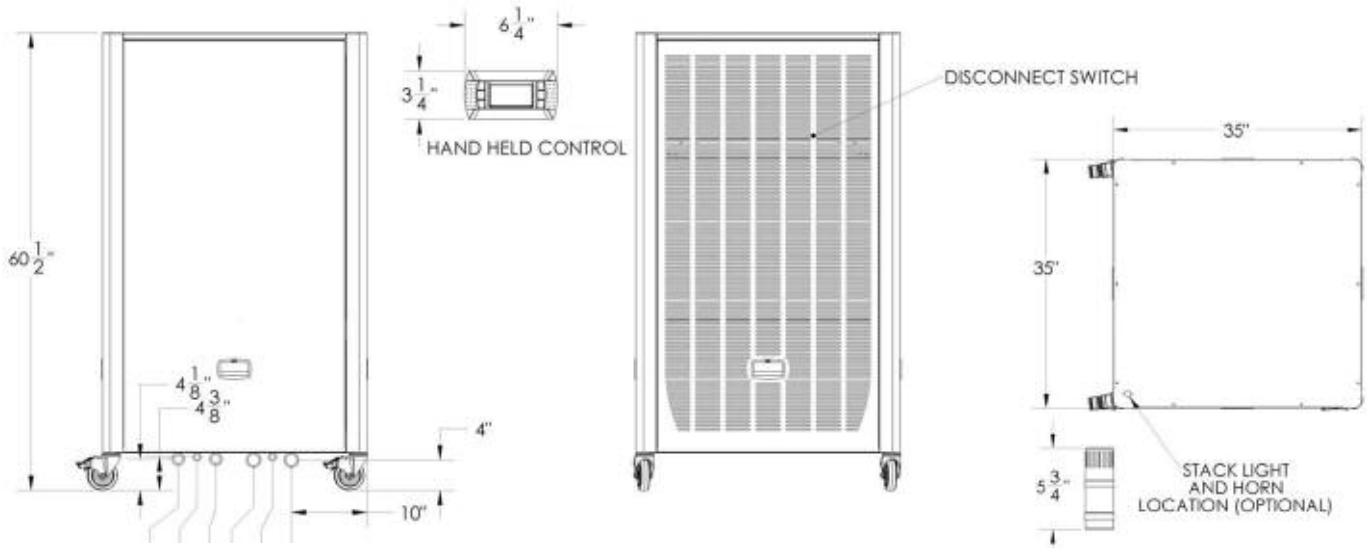
HEAT AND COOL

DIMENSIONS: GPWC-20, 5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	5.12 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	4064 Watts
Ambient Air Temperature	85 °F	EER	15.13 BTU/Watt
Coolant	WATER	Condenser Water Flow	15 GPM
Coolant Flow	12 GPM	Sound Power Level	86 dBA
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	6-24 GPM
Ambient Air Temperature	50-90 °F	Minimum Load	1.02 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Tube in Tube	Refrigerant	3 lbs R-410a
		Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	20 gal. Polyethylene	Weight (operating)	690 lbs.
Power	460V/3/60	Weight (shipping)	520 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	9.6 Amps	Control	Microprocessor



CONDENSER WATER OUT 1" NPT
 AUTO WATER MAKEUP 1/2" NPT (OPTIONAL)
 CONDENSER WATER IN 1" NPT
 TO PROCESS 1 1/4" NPT
 DRAIN 1/2" NPT
 FROM PROCESS 1 1/4" NPT

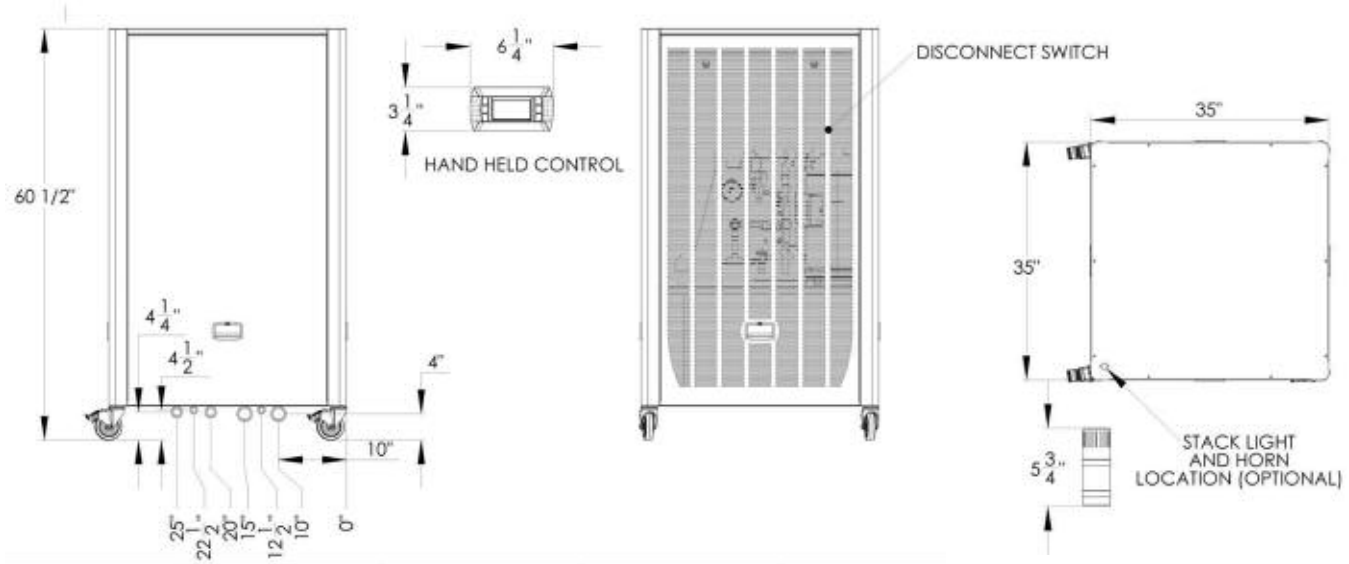
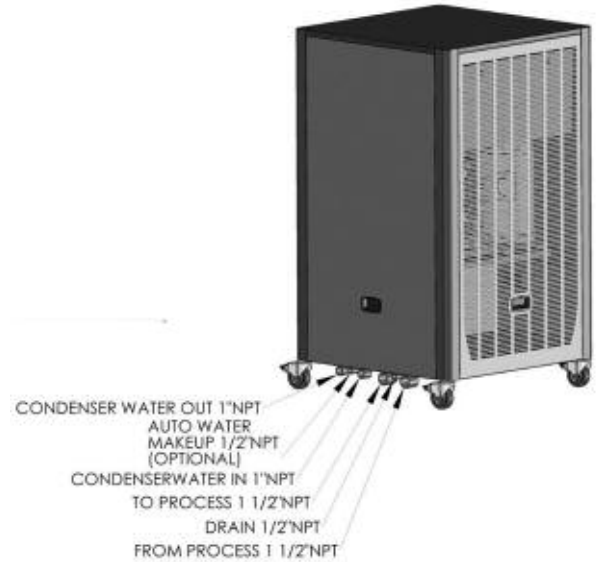


G-PWC 5-15 HP WATER-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPWC-30, 7.5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	7.98 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	6416 Watts
Ambient Air Temperature	85 °F	EER	14.92 BTU/Watt
Coolant	WATER	Condenser Water Flow	24 GPM
Coolant Flow	19 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	9-36 GPM
Ambient Air Temperature	50-90 °F	Minimum Load	1.60 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Tube in Tube	Refrigerant	4 lbs R-410a
		Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	20 gal. Polyethylene	Weight (operating)	870 lbs.
Power	460V/3/60	Weight (shipping)	700 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	14.7 Amps	Control	Microprocessor

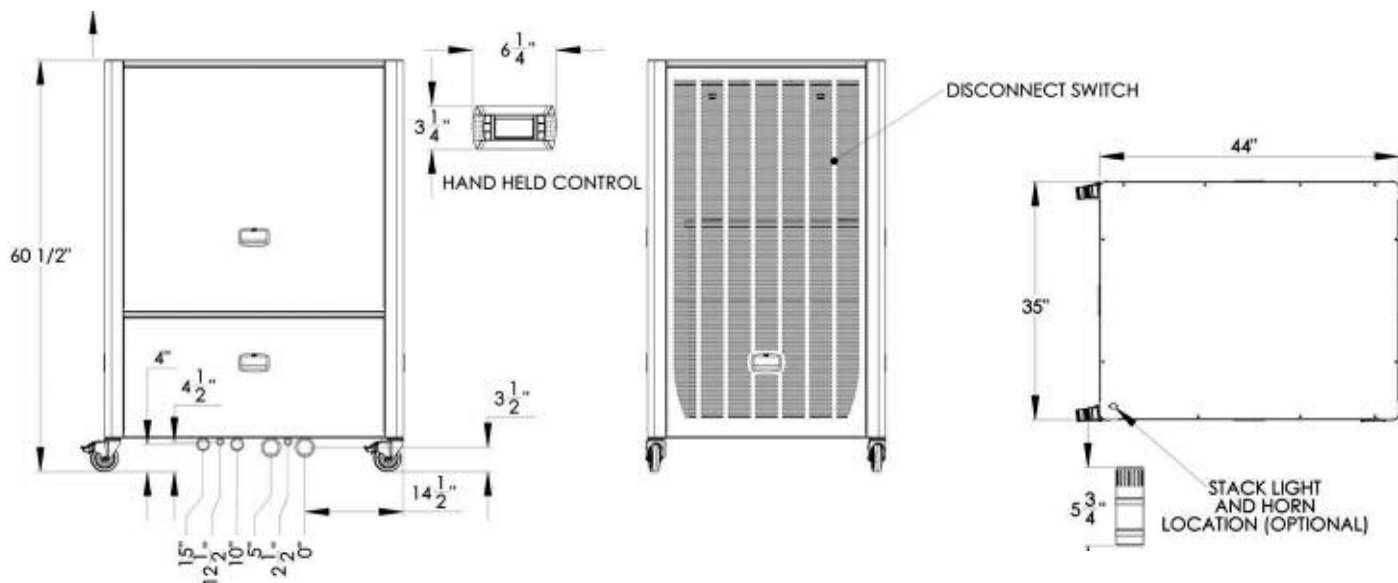
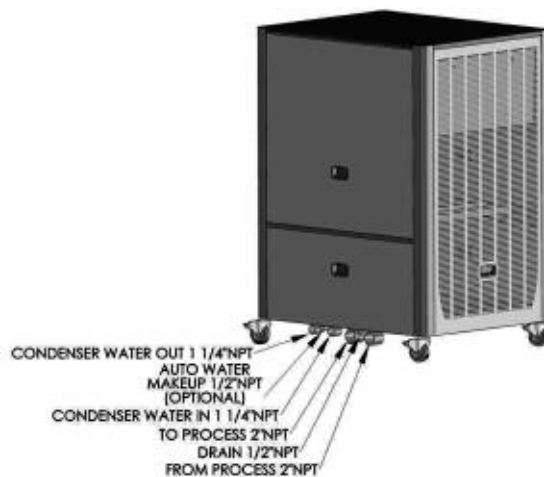


G-PWC 5-15 HP WATER-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPWC-40, 10 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	10.94 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	8450 Watts
Ambient Air Temperature	85 °F	EER	15.53 BTU/Watt
Coolant	WATER	Condenser Water Flow	33 GPM
Coolant Flow	26 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	12-48 GPM
Ambient Air Temperature	50-90 °F	Minimum Load	2.19 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Tube in Tube	Refrigerant	6 lbs R-410a
		Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	40 gal. Polyethylene	Weight (operating)	1090 lbs.
Power	460V/3/60	Weight (shipping)	760 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	17.9 Amps	Control	Microprocessor

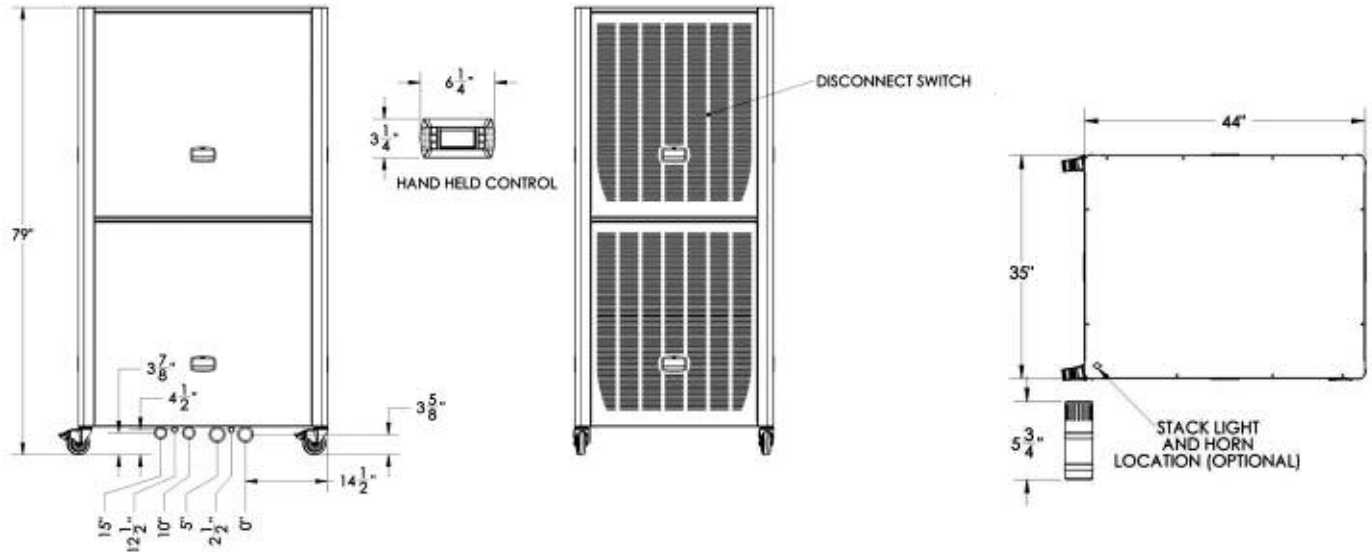
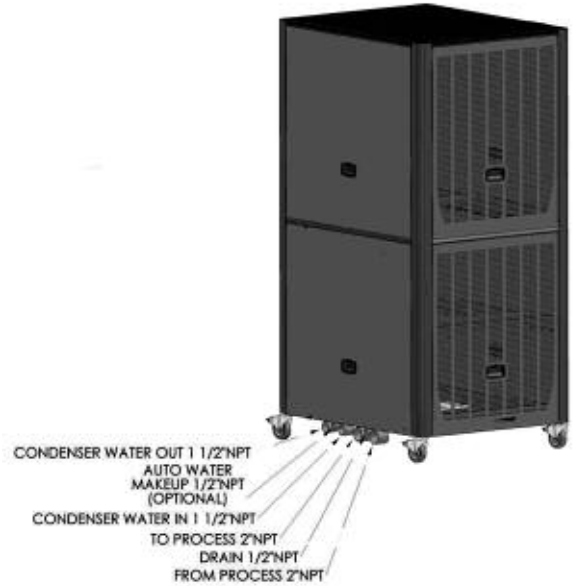


G-PWC 5-15 HP WATER-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPWC-50, 15 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	16.66 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	12779 Watts
Ambient Air Temperature	85 °F	EER	15.65 BTU/Watt
Coolant	WATER	Condenser Water Flow	50 GPM
Coolant Flow	40 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	18-72 GPM
Ambient Air Temperature	50-90 °F	Minimum Load	3.33 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Condenser	Tube in Tube	Refrigerant	8 lbs R-410a
		Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	40 gal. Polyethylene	Weight (operating)	1290 lbs.
Power	460V/3/60	Weight (shipping)	950 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	26.9 Amps	Control	Microprocessor





G-PRC SERIES REMOTE AIR-COOLED PORTABLE CHILLER

The GP Series water-cooled portable chillers provide 20 to 50 kW (5 to 15 Tons of Refrigeration) cooling capacities with compact footprints. The forward thinking design simplifies installation and maintenance while conserving valuable floor space. They also comply with all governmental and environmental standards by reducing the carbon footprint.

All GP Series portable chillers have an operating leaving water temperature range of 20°F to 80°F (-7°C to 27°C). Consult the factory for applications outside this temperature range.



GP 5-15 remote air-cooled

STANDARD FEATURES

- Environmentally friendly non-CFC 410a refrigerant
- Non-ferrous piping
- Polyethylene rotationally molded tank
- Single stainless steel high flow process pumps (no need for recirculation pump)
- Low Process water thermal flow switch
- Internal process water bypass valve for system protection only
- Mounting feet
- Stainless steel brazed plate evaporator
- Evaporator inlet Y-strainer with blow-down valve
- Fully insulated refrigeration and process piping
- Low refrigerant pressure safety through suction pressure transducer
- High refrigerant pressure safety switch
- High pressure, spring actuated, refrigerant relief valve
- Filter dryer, sight glass, externally equalized thermal expansion valve, and multiple refrigeration access points
- Liquid line solenoid valve
- Electronic hot-gas bypass capacity control
- Refrigeration shutoff valves
- Scroll compressors with crankcase heater
- Variable speed outdoor fan control
- NEMA-12/IP55 electrical enclosure
- Rotary power disconnect switch
- PLC controls with the following features
 - o 8-line x 20 character monochrome remote mountable display
 - Constant setpoint, To and From Process temperatures
 - Tank Level
 - Pump To Process pressure
 - Capacity
 - o Pressure transducers for compressor suction and discharge pressures
 - o High accuracy thermistors for temperature control
 - o Remote on/off control
 - o Diagnostics indicating low flow, high fluid temperature, high or low refrigeration pressure, high or low tank fluid level, sensor faults, and motor overload faults
 - o Anti-cycling timer
- Warranty: 1 year parts and labor; 3 years on controller

Outdoor Condenser

- Aluminum micro-channel condenser coil with cleanable inlet filter
- OAO fan motors with disconnect switch
- Mounting feet
- Operational to -20°F (-29°C) Ambient Air Temperature

OPTIONAL FEATURES

- Automatic water makeup valve
- High capacity pumps
- Unit less pump or tank or both
- General fault audible and visual alarm
- UL listed electrical subpanel
- Compressor rotolock valves
- Capability to operate with leaving fluid temperatures over 80°F (27°C), or down to -30°F (-34°C)
- Serial communications including Modbus RTU, BACNet and Lonworks
- Ethernet communications – modbus RTU
- Sensor package – includes sensors for entering condenser air temperature, and suction and discharge refrigerant temperatures to calculate capacity, unit superheat and sub-cooling
- 4 year extended compressor warranty (parts only)

SPECIFICATIONS: REMOTE AIR-COOLED CONDENSERS — 60 HZ

Model	Compressor HP (kW)	Fan HP (kW)	Compressor Type	Evaporator Type	Condenser Type	Polyethylene Reservoir Gal (liter)	Standard Pump (SS304) HP (kW)	Discharge air volume CFM (m ³ /min)
GPRC-20	5 (3.7)	0.5 (0.4)	Hermetic Scroll	SS copper-brazed plate-type	Aluminum	20 (75)	1.5 (1.1)	4230 (120)
GPRC-30	7.5 (5.6)	1.0 (0.7)					2 (1.5)	6343 (180)
GPRC-40	10 (7.5)	1.0 (0.7)				40 (150)	2 (1.5)	8458 (240)
GPRC-50	15 (11.2)	2.0 (1.5)					3 (2.2)	12687 (360)

Model	Nominal Capacity ¹		Process Connections (in NPT)	Water Flow ² gpm (lpm)	Water Pressure ² psi (bar)	MCA ³		Running Amps ³	
	0 Pump Tons (kW)	1 Pump Tons (kW)				0 Pump	1 Pump	0 Pump	1 Pump
GPRC-20	4.6 (16.1)	4.3 (15.1)	1-1/4	12 (45)	41 (2.8)	15.05	17.65	9.17	11.77
GPRC-30	7.3 (25.7)	7.0 (24.6)	1-1/2	18 (68)	50 (3.4)	22.93	26.93	14.03	18.03
GPRC-40	9.9 (34.9)	9.5 (33.4)	2	24 (91)	46 (3.2)	27.43	31.43	17.56	21.56
GPRC-50	15.2 (53.4)	14.8 (52.0)	2	36 (136)	52 (3.6)	41.23	45.43	28.32	32.52

¹ Capacity based on 50°F (10°C) To Process fluid temperature and 95°F (35°C) ambient air temperature. Optional additional process pump hp (kW) reduces chiller capacity by 0.2 tons per motor hp (0.703 kW ref. cap. per 0.746 kW pump power).

² Water flow and pressure To Process based on 2.4 gpm per ton (2.6 lpm per kW).

³ MCA and Running amps at 460VAC/3/60. Multiply amperage by 2.2 for 208VAC/3/60; 2.0 for 230VAC/3/60; 0.8 for 575VAC/3/60. An optional oversized process pump adds to the MCA or running amperage. To find the new MCA or running chiller amperage, add the FLA of the optional pump to the O pump Value MCA or Running Amps.

PUMP OPTIONS

Optional Pump HP (kW)	FLA @ 460V/3/60	Availability			
		-20	-30	-40	-50
1.5 (1.1)	2.6	S	-	-	-
2 (1.5)	4.0	O	S	S	-
3 (2.2)	4.2	O	O	O	S
5 (3.7)	8.2	O	O	O	O
10 (7.5)	12.0	-	-	O	O

PRESSURE DROP DATA AT 50°F (10°C) PURE WATER

GPRC-20		GPRC-30		GPRC-40		GPRC-50	
gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)	gpm (lpm)	ΔP PSI (bar)
6 (23)	1.5 (0.1)	9 (34)	1.5 (0.1)	12 (45)	1.5 (0.1)	18 (68)	1.6 (0.1)
12 (45)	5.2 (0.4)	18 (68)	5.3 (0.4)	24 (90)	5.4 (0.4)	36 (136)	5.6 (0.4)
24 (90)	18.6 (1.3)	36 (136)	18.9 (1.3)	48 (180)	19.3 (1.3)	72 (272)	20.2 (1.4)

CAPACITY RATINGS AT VARYING LEAVING FLUID TEMPERATURES

LFT °F (°C)	% EG ¹	GPRC-20		GPRC-30		GPRC-40		GPRC-50	
		EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)	EER ²	Nom. Cap. — 1 pump ³ tons (kW)
20 (-5)	33	5.72	2.28 (8.02)	6.40	3.71 (13.05)	6.66	3.79 (13.33)	6.77	7.74 (27.22)
25 (-4)	28	6.55	2.60 (9.14)	7.12	4.17 (14.67)	7.43	4.28 (15.05)	7.52	8.67 (30.49)
30 (-1)	25	7.4	2.94 (10.34)	7.89	4.65 (16.36)	8.25	4.80 (16.88)	8.35	9.70 (34.11)
35 (2)	20	8.29	3.29 (11.57)	8.73	5.19 (18.25)	8.73	6.92 (24.34)	9.26	10.86 (38.19)
40 (5)	10	9.29	3.67 (12.91)	9.65	5.78 (20.33)	9.69	7.71 (27.12)	10.27	12.15 (42.73)
45 (7)	0	10.31	4.07 (14.31)	10.61	6.39 (22.47)	10.75	8.60 (30.25)	11.31	13.52 (47.55)
50 (10)	0	11.05	4.29 (15.09)	11.56	7.00 (24.62)	11.81	9.51 (33.45)	12.33	14.88 (52.33)
55 (12)	0	12.11	4.82 (16.95)	12.63	7.26 (25.53)	12.89	10.40 (36.58)	12.64	15.92 (55.99)
60 (15)	0	12.89	5.18 (18.22)	13.73	7.85 (27.61)	13.56	11.23 (39.50)	13.16	17.08 (60.07)
65 (18)	0	13.60	5.48 (19.27)	13.01	8.44 (29.68)	14.25	12.12 (42.63)	13.71	18.39 (64.68)
70 (20)	0	14.86	6.08 (21.38)	13.60	9.05 (31.83)	14.86	12.98 (45.65)	14.15	19.63 (69.04)
75 (24)	0	15.81	6.55 (23.04)	14.31	9.69 (34.08)	15.45	13.88 (48.82)	14.46	20.93 (73.61)
80 (25)	0	15.82	6.82 (23.99)	15.35	10.96 (38.55)	15.47	14.67 (51.89)	14.76	21.77 (76.57)

¹ Percent glycol is the minimum percentage of glycol/water mixture based on volume.

² Energy Efficiency Rating (EER) is for compressor only.

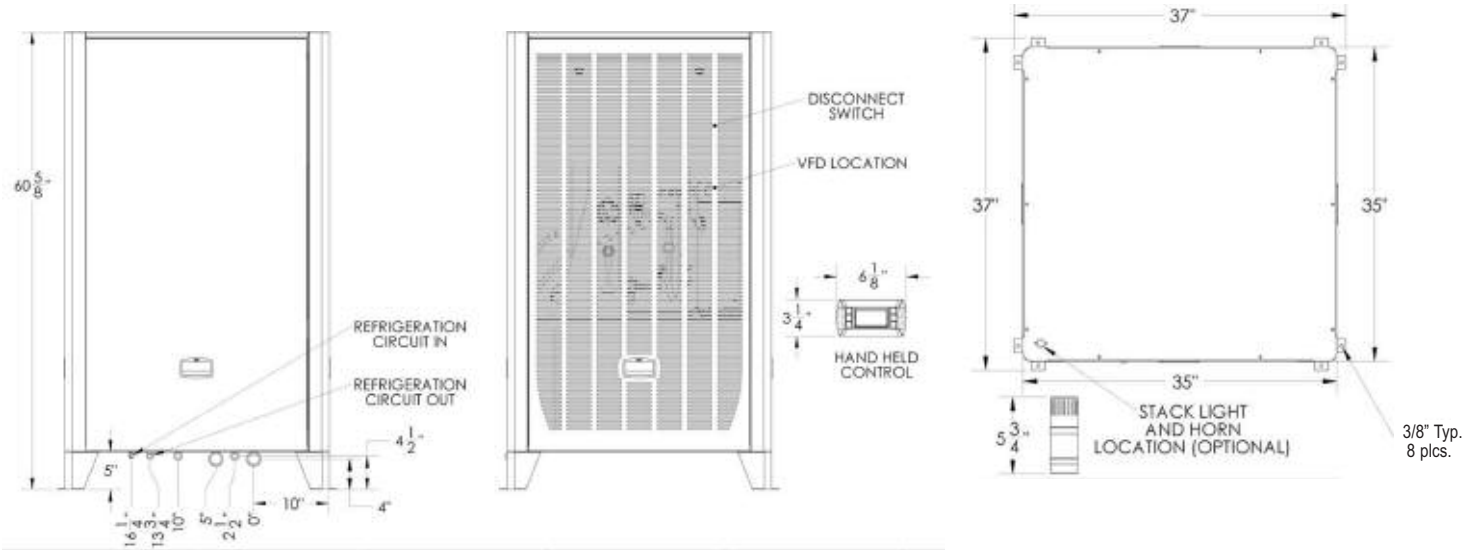
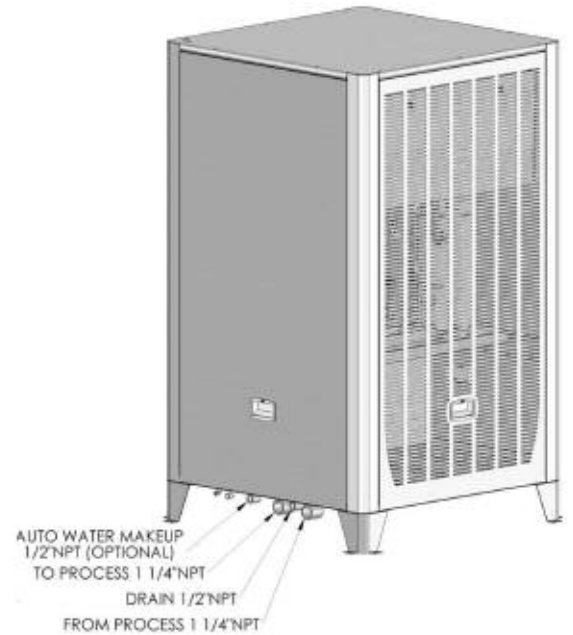
³ Capacity based on 95°F (35°C) ambient air temperature and standard pump listed above.

G-PRC 5-15 HP REMOTE AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPRC-20, 5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	4.65 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	4936 Watts
Ambient Air Temperature	95 °F	EER	11.31 BTU/Watt
Coolant	WATER		
Coolant Flow	11 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	6-24 GPM
		Minimum Load	0.93 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
		Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	20 gal. Polyethylene	Weight (operating)	610 lbs.
Power	460V/3/60	Weight (shipping)	440 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	9.6 Amps	Control	Microprocessor

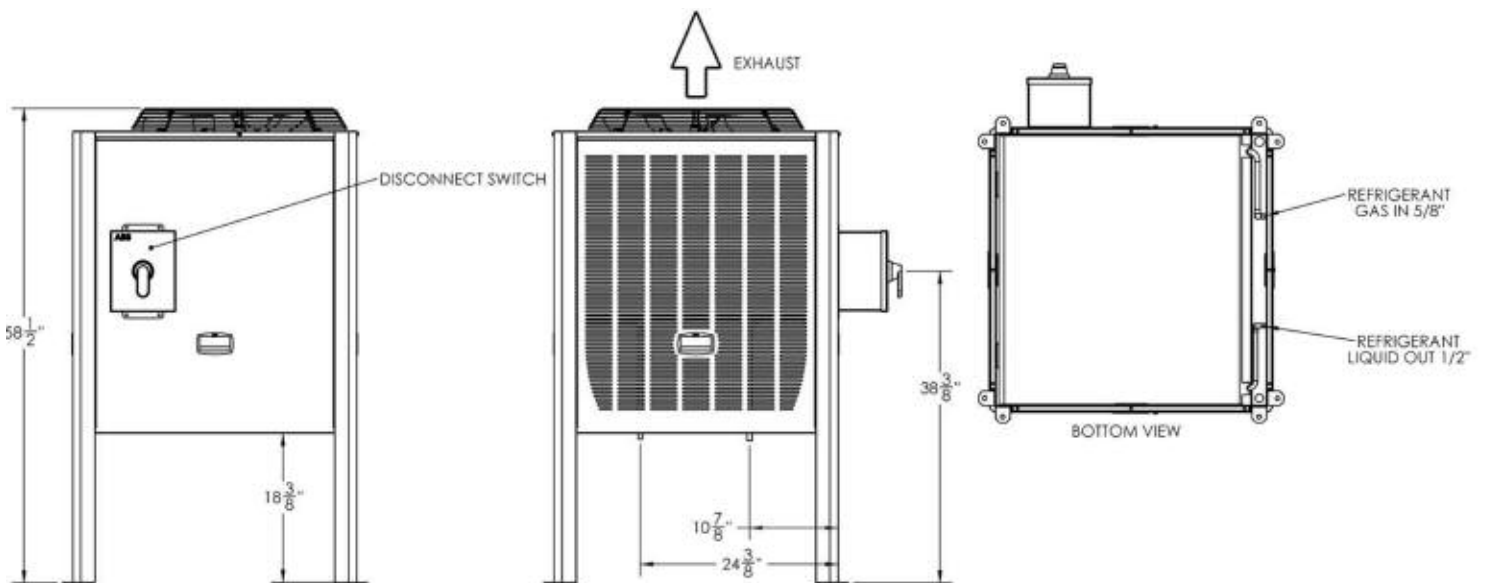
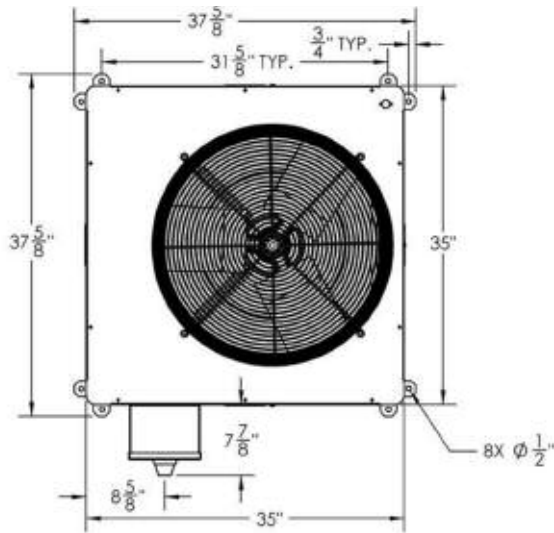


G-PRC 5-15 HP REMOTE AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

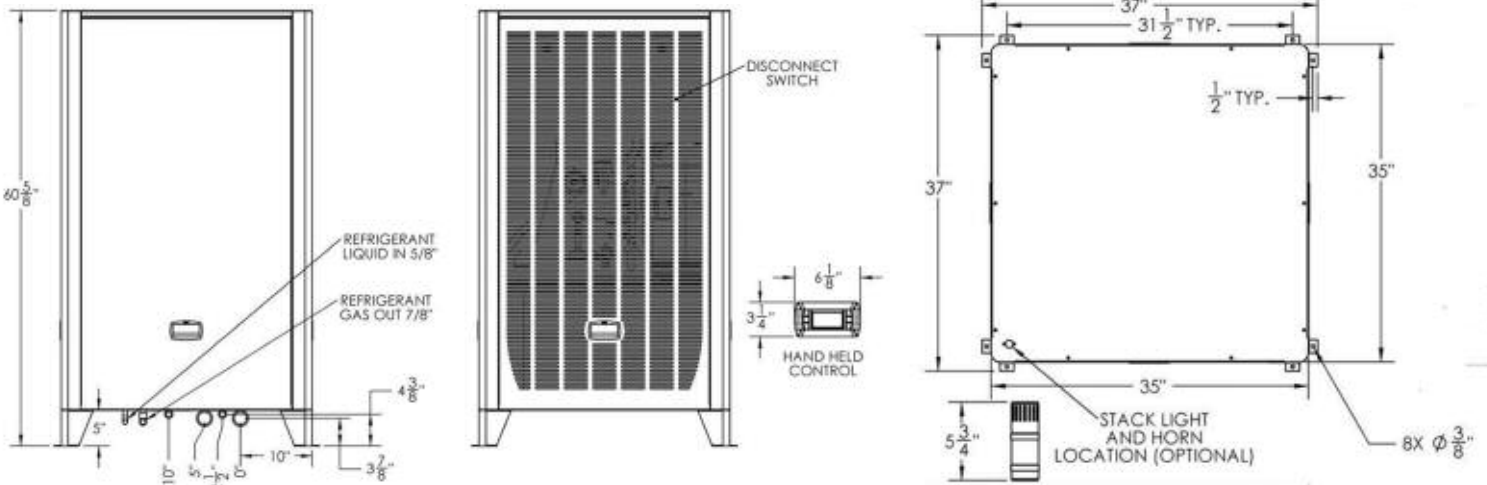
DIMENSIONS: G-PRC-20, 5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Ambient Air Temperature	-20 - 115 °F	Sound Power Level	85 dBA
Condenser Air Flow	4230 CFM		
Condenser	Aluminum	Frame	Galvanized Steel
Condenser Fans	24" Axial	Panels	Powder Coated Steel
Condenser Fan Motor	1/2 hp OAO; 1140 RPM; 1.3 FLA	Weight (Shipping)	221 lbs.
Power	460V/3/60		



DIMENSIONS: GPRC-30, 7.5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	7.3 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	7579 Watts
Ambient Air Temperature	95 °F	EER	11.56 BTU/Watt
Coolant	WATER		
Coolant Flow	17 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	9-36 GPM
		Minimum Load	1.46 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
		Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	20 gal. Polyethylene	Weight (operating)	790 lbs.
Power	460V/3/60	Weight (shipping)	620 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	14.7 Amps	Control	Microprocessor

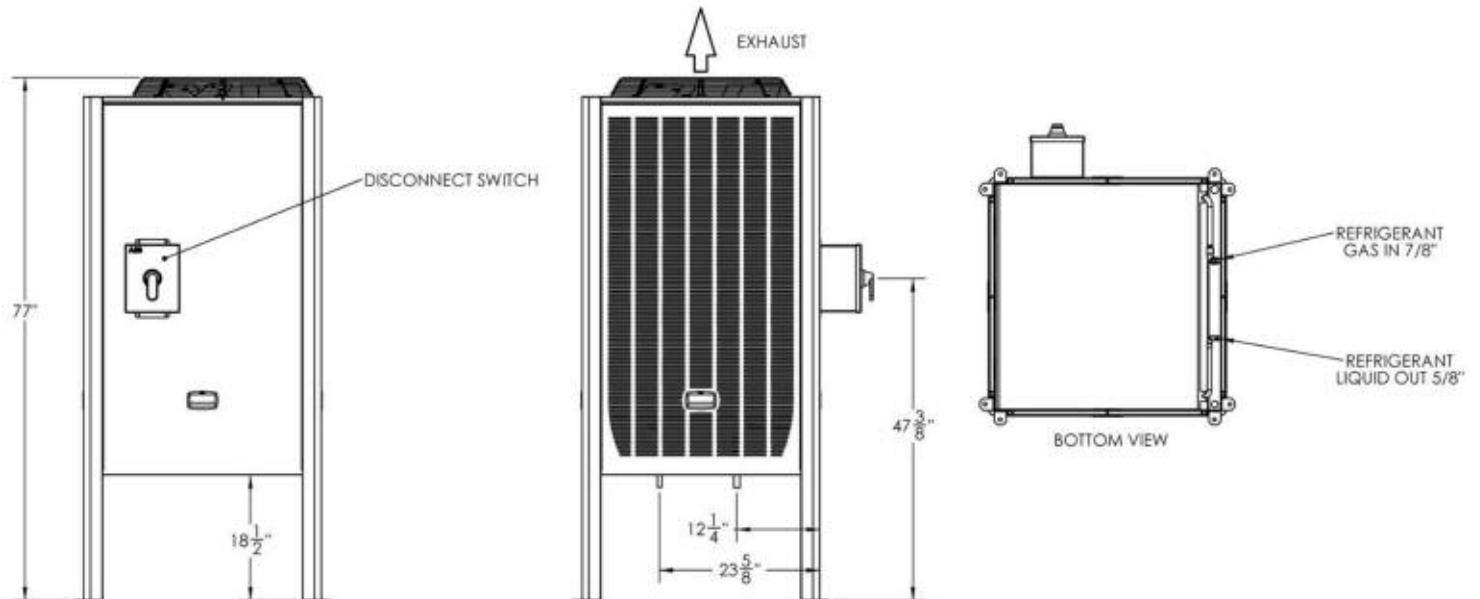
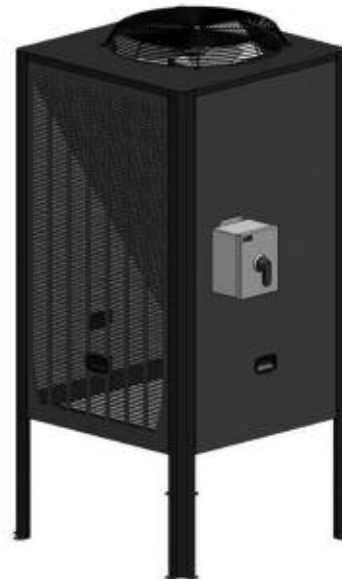
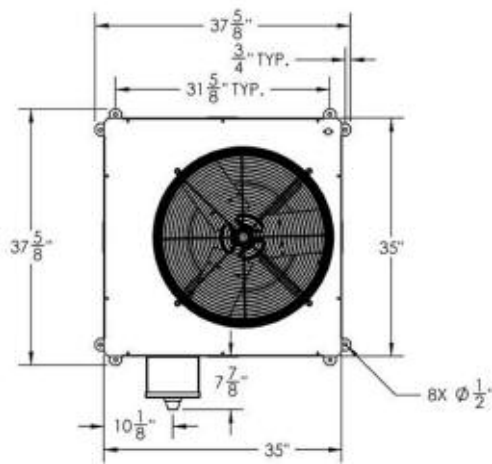


G-PRC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPRC-30, 7.5 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Ambient Air Temperature	-20 - 115 °F	Sound Power Level	92 dBA
Condenser Air Flow	6343 CFM		
Condenser	Aluminum	Frame	Galvanized Steel
Condenser Fans	24" Axial	Panels	Powder Coated Steel
Condenser Fan Motor	1hp OAO; 1140 RPM; 2.1 FLA	Weight (Shipping)	277 lbs.
Power	460V/3/60		

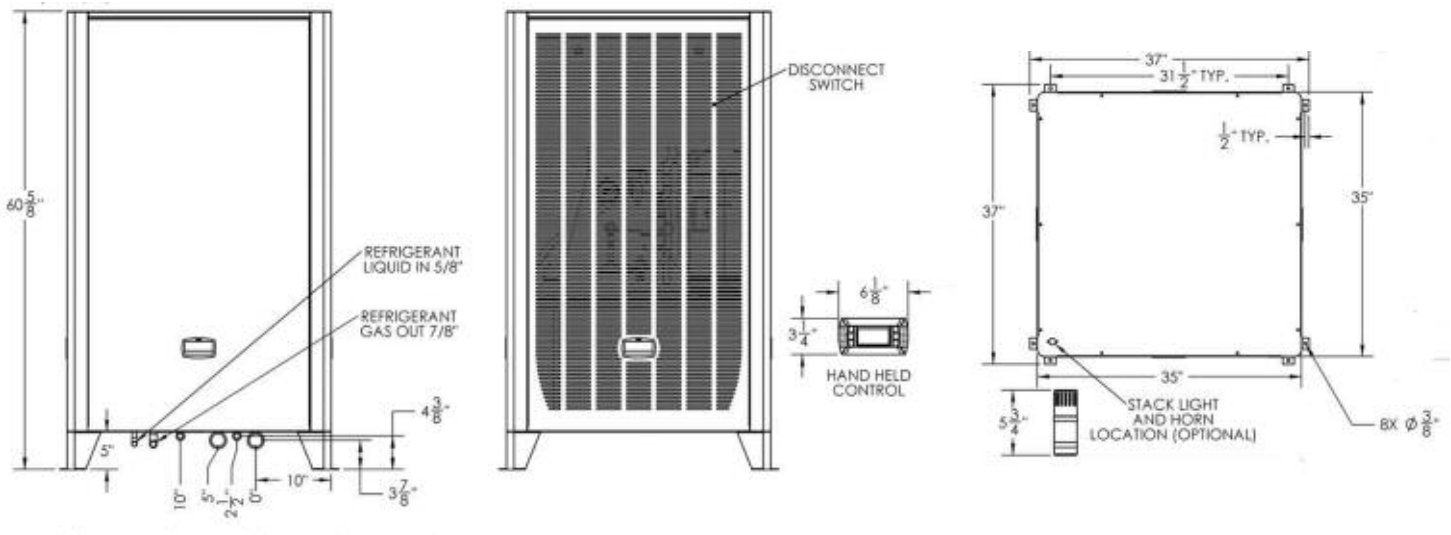
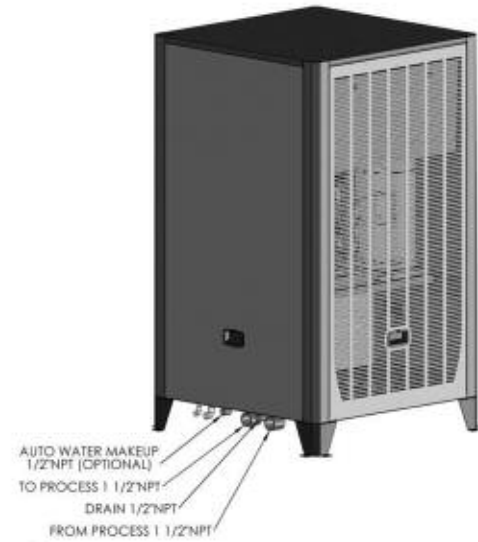


G-PRC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPRC-40, 10 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	9.91 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	10070 Watts
Ambient Air Temperature	95 °F	EER	11.81 BTU/Watt
Coolant	WATER		
Coolant Flow	24 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	12-48 GPM
		Minimum Load	1.98 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Refrigerant	R410a	Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	40 gal. Polyethylene	Weight (operating)	980 lbs.
Power	460V/3/60	Weight (shipping)	650 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	17.9 Amps	Control	Microprocessor

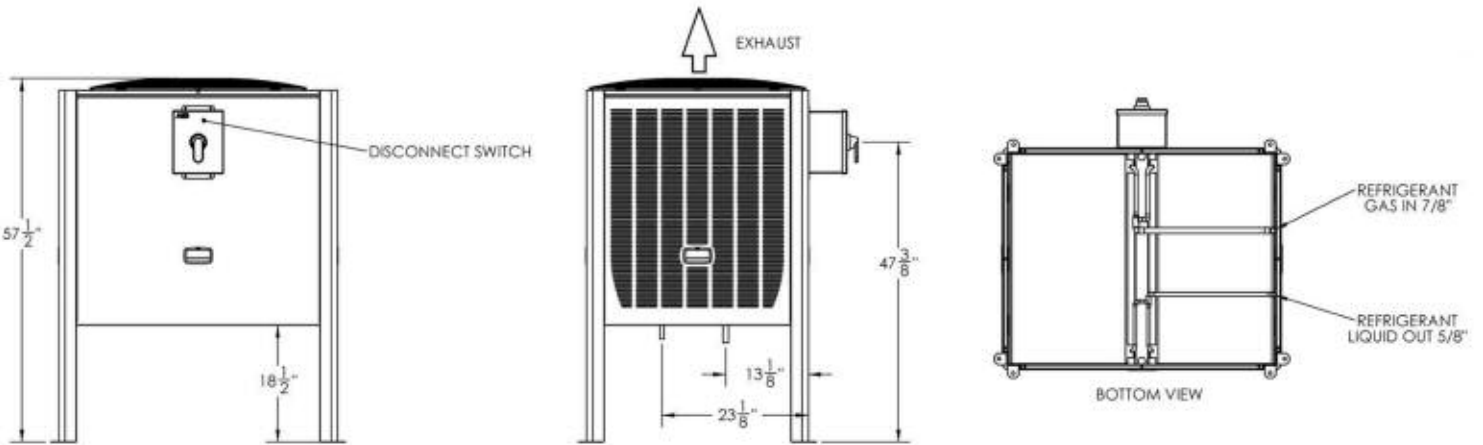
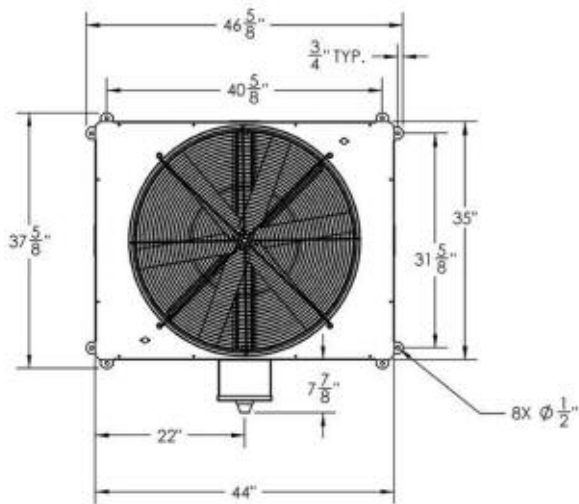


G-PRC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPRC-40, 10 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Ambient Air Temperature	-20 - 115 °F	Sound Power Level	92 dBA
Condenser Air Flow	8458 CFM		
Condenser	Aluminum	Frame	Galvanized Steel
Condenser Fans	32" Axial	Panels	Powder Coated Steel
Condenser Fan Motor	1hp OAO; 1140 RPM; 2.1 FLA	Weight (Shipping)	287 lbs.
Power	460V/3/60		

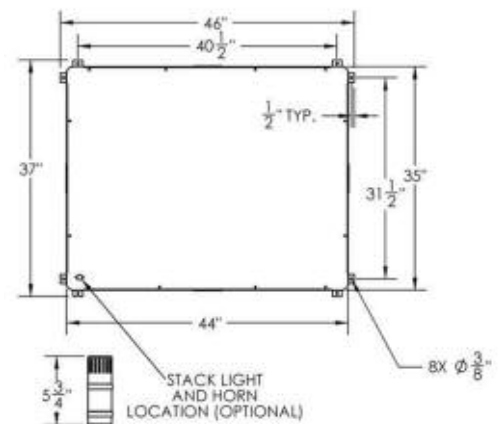
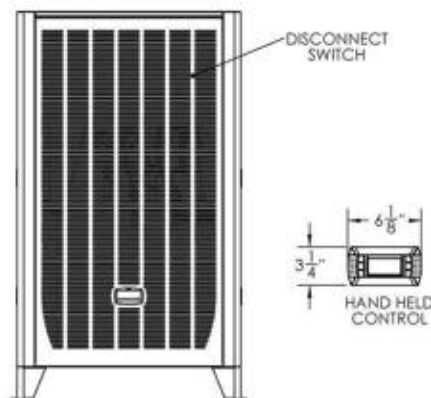
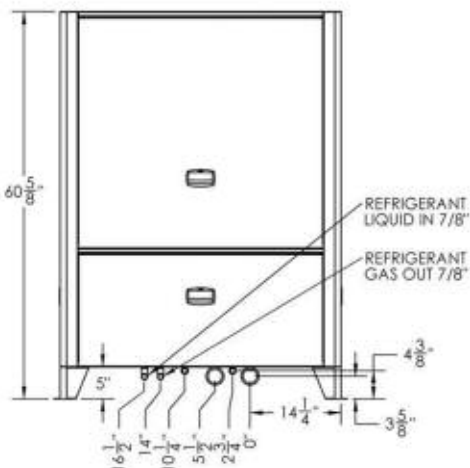


G-PRC 5-15 HP AIR-COOLED PORTABLE CHILLERS

HEAT AND COOL

DIMENSIONS: GPRC-50, 15 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Cooling Capacity	15.19 Tons	Altitude	Sea Level
Coolant Supply Temperature	50 °F	Compressor Power	14882 Watts
Ambient Air Temperature	95 °F	EER	12.25 BTU/Watt
Coolant	WATER		
Coolant Flow	36 GPM		
Unit Pressure Drop	7 PSID		
OPERATING PARAMETERS			
Coolant Supply Temperature	20-80 °F	Coolant Flow	18-72 GPM
		Minimum Load	3.04 Tons
SPECIFICATIONS			
Compressor	Scroll	Evaporator Filter	20 Mesh
Coolant Pump	SST Centrifugal	Coolant Circuit	Non-ferrous
Evaporator	Brazed Plate	Capacity Control	Hot gas bypass
Refrigerant	R410a	Frame	Galvanized Steel
		Panels	Powder Coated Steel
Reservoir	40 gal. Polyethylene	Weight (operating)	1180 lbs.
Power	460V/3/60	Weight (shipping)	840 lbs.
Control Circuit	24/120 VAC	Electrical Enclosure	NEMA 12
Compressor Rated Load Amps	26.9 Amps	Control	Microprocessor

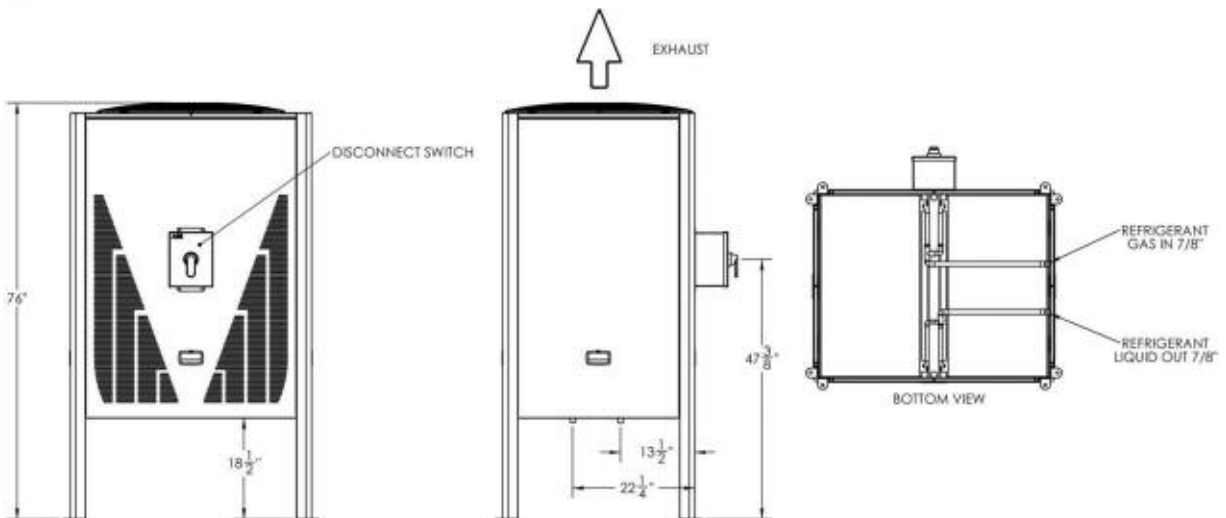
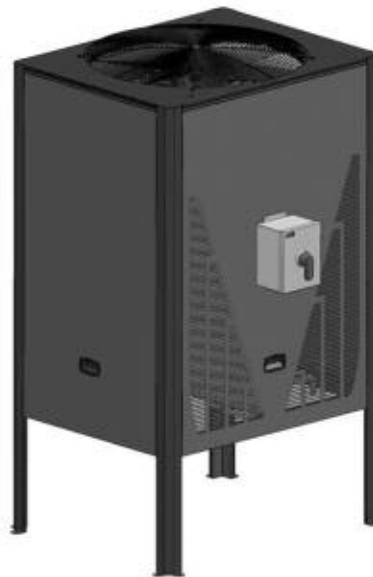


G-PRC 5-15 HP AIR-COOLED PORTABLE CHILLERS

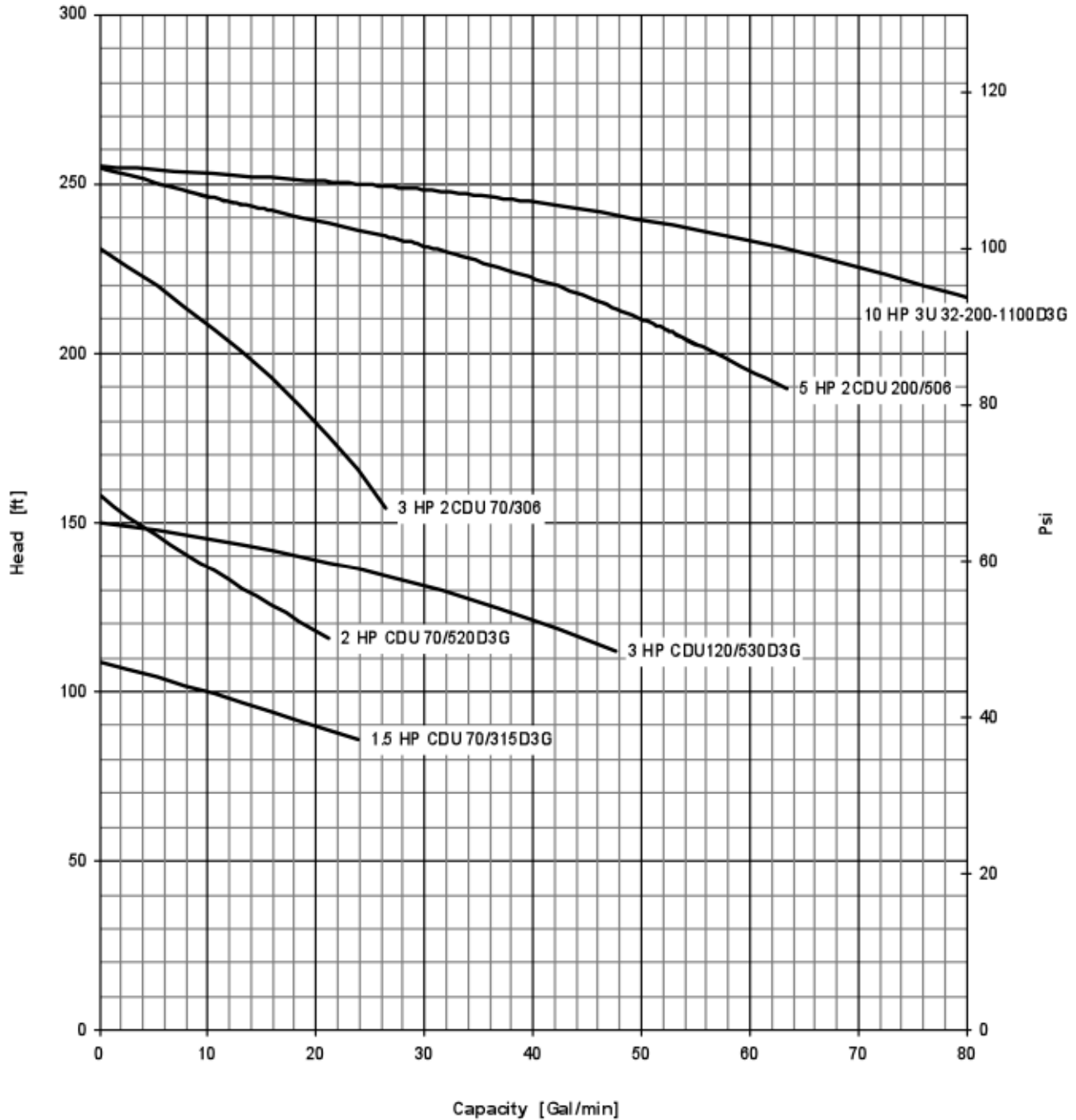
HEAT AND COOL

DIMENSIONS: GPRC-50, 15 TON

PERFORMANCE (NOMINAL DESIGN CONDITIONS)			
Ambient Air Temperature	-20 - 115 °F	Sound Power Level	93 dBA
Condenser Air Flow	12687 CFM		
Condenser	Aluminum	Frame	Galvanized Steel
Condenser Fans	32" Axial	Panels	Powder Coated Steel
Condenser Fan Motor	2hp OAO; 1140 RPM; 3.4 FLA	Weight (Shipping)	371 lbs.
Power	460V/3/60		

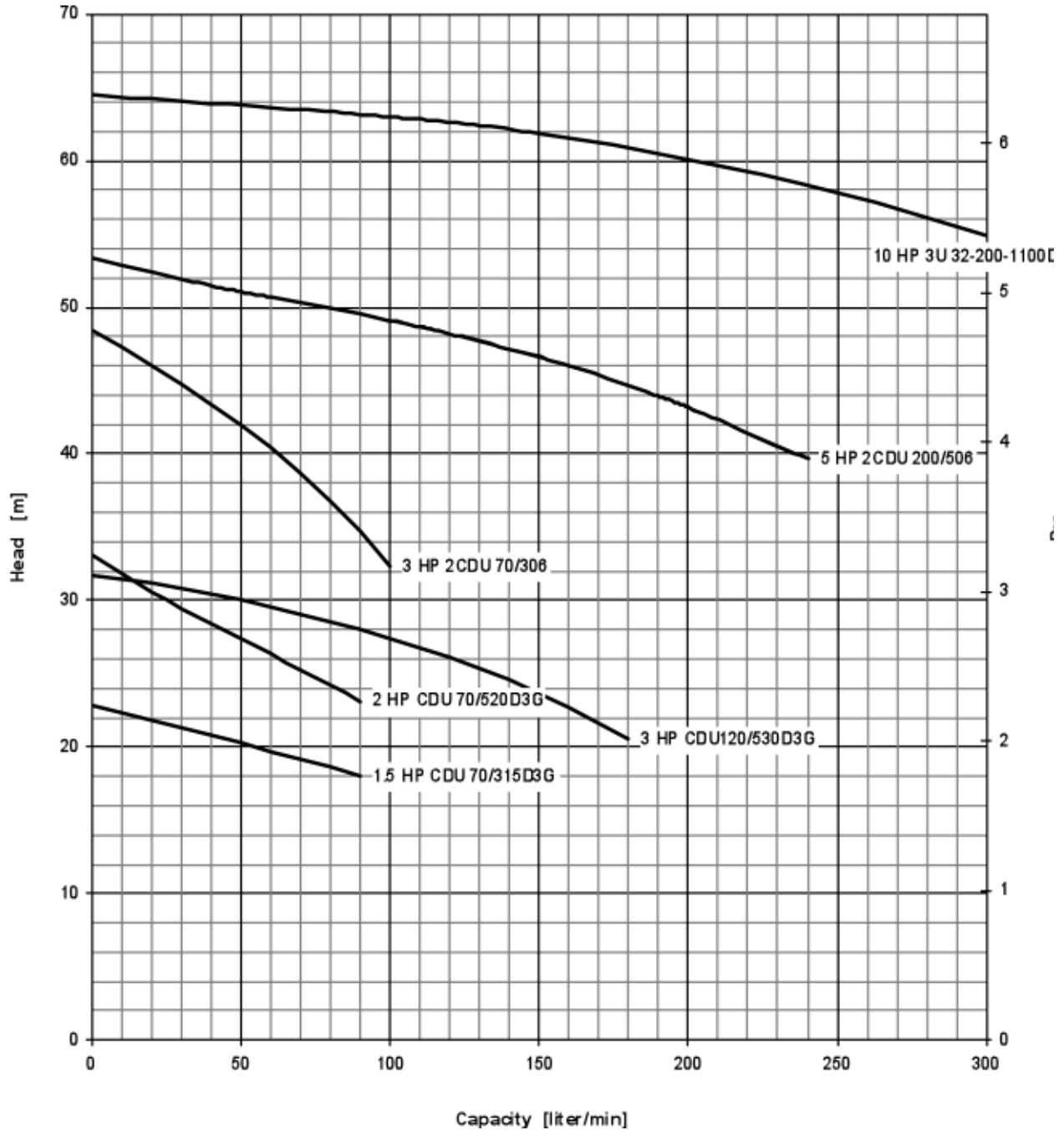


PUMP CURVES: 5-15 HP



HP	Model	GP20	GP30	GP40	GP50
1.5	CDU 70/315D3G	S	-	-	-
2	CDU 70/520D3G	O	S	S	-
3	CDU 120/530DG	O	O	O	S
3	2CDU 70/306	O	-	-	-
5	2CDU 200/506	O	O	O	O
10	3U 32-200-1100D3G	-	-	O	O

PUMP CURVES: 5-15 HP



HP	Model	GP20	GP30	GP40	GP50
1.5	CDU 70/315D3G	S	-	-	-
2	CDU 70/520D3G	O	S	S	-
3	CDU 120/530DG	-	O	O	S
3	2CDU 70/306	O	-	-	-
5	2CDU 200/506	O	O	O	O
10	3U 32-200-1100D3G	-	-	O	O