

# RENTAL POWER SOLUTIONS





**YOUR POWER, COMPRESSED AIR AND TEMPERATURE CONTROL SOLUTIONS**

**ARE ALL JUST ONE CALL AWAY.**

Boyd CAT is your one-stop shop for all of your rental power needs. With over 100 years of experience in the industry, we make it our business to understand yours.

When it comes to rental power solutions, nobody beats our service, selection and support. Let Boyd CAT be your first choice when you need power, compressed air and temperature control equipment. With a full team of power experts to support you and your business, you'll keep a peace of mind that your business will stay up and running, no matter what the emergency. Give your local Boyd CAT branch a call today to get a free contingency plan in case of emergency.

## kVA/kW AMPERAGE CHART

80% POWER FACTOR

kVA	kW	208 V	220 V	240 V	380 V	440 V	480 V	600 V	2400 V	3300 V	4160 V
6.3	5	17.5	16.5	15.2	9.6	8.3	7.6	6.1			
9.4	7.5	26.1	24.7	22.6	14.3	12.3	11.3	9.1			
12.5	10	34.7	33	30.1	19.2	16.6	15.1	12			
18.7	15	52	49.5	45	28.8	24.9	22.5	18			
25	20	69.5	66	60.2	38.2	33.2	30.1	24	6	4.4	3.5
31.3	25	87	82.5	75.5	48	41.5	37.8	30	7.5	5.5	4.4
37.5	30	104	99	90.3	57.6	49.8	45.2	36	9.1	6.6	5.2
50	40	139	132	120	77	66.5	60	48	12.1	8.8	7
62.5	50	173	165	152	96	83	76	61	15.1	10.9	8.7
75	60	208	198	181	115	99.6	91	72	18.1	13.1	10.5
93.8	75	261	247	226	143	123	113	90	22.6	16.4	13
100	80	278	264	240	154	133	120	96	24.1	17.6	13.9
125	100	347	330	301	192	166	150	120	30	21.8	17.5
156	125	433	413	375	240	208	188	150	38	27.3	22
187	150	520	495	450	288	249	225	180	45	33	26
219	175	608	577	527	335	289	264	211	53	38	31
250	200	694	660	601	384	332	301	241	60	44	35
312	250	866	825	751	480	415	376	300	75	55	43
375	300	1040	990	903	576	498	451	361	90	66	52
438	350	1220	1155	1053	672	581	527	422	105	77	61
500	400	1390	1320	1203	770	665	602	481	120	88	69
625	500	1735	1650	1504	960	830	752	602	150	109	87
750	600	2080	1980	1803	1150	996	902	721	180	131	104
875	700	2430	2310	2104	1344	1274	1052	842	210	153	121
1000	800	2780	2640	2405	1540	1330	1203	962	241	176	139
1125	900	3120	2970	2709	1730	1495	1354	1082	271	197	156
1250	1000	3470	3300	3009	1920	1660	1504	1202	301	218	174
1563	1250	4350	4130	3765	2400	2080	1885	1503	376	273	218
1875	1500	5205	4950	4520	2880	2490	2260	1805	452	327	261
2188	1750			5280	3350	2890	2640	2106	528	380	304
2500	2000			6020	3840	3320	3015	2405	602	436	348
2812	2250			6780	4320	3735	3400	2710	678	491	392
3125	2500			7520	4800	4160	3765	3005	725	546	435
3750	3000			9040	5760	4980	4525	3610	904	654	522
4375	3500			10550	6700	5780	5285	4220	1055	760	610
5000	4000			12040	7680	6640	6035	4810	1204	872	695



## 30kVA - 2280kVA GENERATOR SETS

Generator sets come self-contained, with trailer or skid-mounted fuel-tank bases for easy travel and delivery. Units range from 30kW portable units to 2MW power modules with utility-grade switchgear. Sound-attenuated XQ modules are quiet, and all equipment is EPA certified.

From building construction and disaster relief, to concert stage lighting and peak-time utility power – Boyd CAT has the equipment to fit your needs.



MODEL	GERATOR SET FUEL CONSUMPTION	TANK CAPACITY (GAL)	ELECTRICAL	WEIGHT	DIMENSIONS
30 kW	100% load = 2.4 75% load = 1.8	58.6	104 amps at 208 v. 45 amps at 480 v.	4,800 lbs.	6.3'W x 7.3'H x 15.4'L
36 kW	100% load = 2.7 75% load = 2.1	79	156 amps at 208 v. 68 amps at 480 v.	4,700lbs.	6.3'W x 7'H x 15.2'L
60 kW	100% load = 5.2 75% load = 4.5	157	208 amps at 208 v. 90 amps at 480 v.	7,000 lbs.	6.3'W x 7'H x 15.2'L
80 kW	100% load = 6.0 75% load = 4.80	167	278 amps at 208 v. 120 amps at 480 v.	8,120 lbs.	6.9'W x 7.8'H x 16'L
100 kW	100% load = 7 75% load = 5.25	182	347 amps at 208 v. 150 amps at 480 v.	8,470 lbs.	6.9'W x 7.8'H x 16'L
175 kW	100% load = 13.1 75% load = 10.7	264	607 amps at 208 v. 263 amps at 480 v.	10,700 lbs.	6.3'W x 8.3'H x 17.5'L
200 kW	100% load = 14 75% load = 10.5	350	694 amps at 208 v. 301 amps at 480 v.	13,700 lbs.	7.3'W x 8.4'H x 19.7'L
230 kW	100% load = 18.3 75% load = 13.4	400	781 amps at 208 v. 330 amps at 480 v.	16,550 lbs.	8.4'W x 9.5'H x 20.5'L

## 30kVA - 2280kVA GENERATOR SETS

Applications:

- Standby Power
- Prime Power
- Parallel Load Sharing and Peak Shaving
- Major Utility Installations
- UPS Quality Power
- Rental Power for Special Events



MODEL	GERATOR SET FUEL CONSUMPTION	TANK CAPACITY (GAL)	ELECTRICAL	WEIGHT	DIMENSIONS
300 kW	100% load = 23.5 75% load = 16.8	400	1040 amps at 208 v. 451 amps at 480 v.	16,550 lbs.	8.4'W x 9.5'H x 20.5'L
400 kW	100% load = 28 75% load = 21	520	1390 amps at 208 v. 602 amps at 480 v.	20,458 lbs.	8.5'W x 10.8'H x 22.2'L
500 kW	100% load = 33.2 75% load = 26.2	700	1735 amps at 208 v. 752 amps at 480 v.	27,600 lbs.	8'W x 12.5'H x 20'L
600 kW	100% load = 40.3 75% load = 31	980	2082 amps at 208 v. 902 amps at 480 v.	36,000 lbs.	8'W x 12.5'H x 20'L
725 kW	100% load = 52.5 75% load = 39.8	1250	2602 amps at 208 v. 1128 amps at 480 v.	44,000 lbs.	8'W x 12.5'H x 40'L
1000 kW	100% load = 71.6 75% load = 53.7	1250	1504 amps at 208 v.	47,000 lbs.	8'W x 12.5'H x 40'L
2000 kW	100% load = 140 75% load = 105	1250	3000 amps at 208 v.	84,000 lbs.	40' Container

## ELECTRICAL PANELS

Boyd CAT's 60 – 1200 amp panels provide outlets for a wide range of applications such as plant maintenance or shutdowns.



SIZE	TYPE	VOLTAGE	DESCRIPTION
60 Amp	15 kVa E-Carts	120/240/60/1	6 – 120 Volt Plugs
200 Amp	Panel	120/208/60/3	Cam-lock Input with 10 QBS Receptacles & Hardware Capability
400 Amp	Panel	120/208/60/3	Cam-lock Input with 12 QBS Receptacles, 200 Amp Cam-Lock Output & Hardware Capability
1200 Amp	I-Line Panel	120/208/60/3   277/480/60/3	Various Outputs

## TRANSFORMERS

Transformers provide multiple voltage connections. They can be used to increase or decrease voltage, supply power to your power grid and isolate your critical loads. Our transformers are setup up specifically for rental and include cam-lock inputs and outputs, fork pockets and reinforced sub frame with lifting eyes.



SIZE	VOLTAGE	CONNECTIONS
45 kVA	480 – 120/208 Y	Cam-lock
300 kVA	480 – 120/208 Y 600 – 480	Cam-lock
2500 kVA	Primary: 2400/4140/7200/12000-14400 Secondary: 277/480	Two Hole Lug
Various other sizes available upon request		

## CABLES

Our 4/0 cam-lock single conductor cables used individually provide up to 400 amp loads and in parallel for larger road requirements. Size #2 cam-lock single conductor cables are used to provide up to 150 amp loads.



SIZE	LENGTH	WEIGHT	CAPACITY	CLASS
4/0 Cam-lock	5' – 20' – 50'	1 lb. / ft	400 amps	600 v
2/0 Cam-lock	50'	.75 lbs. / ft	300 amps	600 v
#2 Cam-lock Banded Sets	50'	1.2 lbs. / ft	150 amps	600 v
Quad Box Strings	60' 10/20/20/10	25 lbs.	20 amps	600 v

## CABLE RAMPS

Protect many types of cables, up to 1.25" diameter. Combine units with interlocking design.

SIZE	LENGTH	WIDTH	HEIGHT	LOAD CAPACITY
5 Channel	36"	20"	2.31"H	20,150 lbs.

## FUEL TANKS

SIZE	TYPE
500 Gal	Diesel
1000 Gal	Diesel
2500 Gal	Diesel



## AIR COMPRESSORS

Boyd CAT's knowledge of compressed air allows us to provide our customers with specific cfm, psig or dew point requirements for any application. Portable compressor packages provide reliable, clean, dry air. All compressor units deliver low-cost at any flow and pressure for the ultimate in flexibility, whether you need Oil-Free or Instrument Quality.

Applications:

- Air-Powered Controls, Valves, Dampers & Cylinders
- General Purpose Construction Air
- General Purpose Plant Air
- Mining and Drilling Applications
- Critical Process Air (Oil Free)
- Painting and Sandblasting
- Pneumatic Material Transfer



AIR OUTPUT	RATED PRESSURE	FUEL TANK CAPACITY	WORKING WEIGHT	LENGTH	WIDTH	HEIGHT	FUEL (GPH)
375 cfm	150 psi	56 gal	4,420 lbs.	13'	6'4"	6'1"	6.45
375 cfm	200 psi	56 gal	5,450 lbs.	14'	7'7"	6'7"	6.9
400 cfm	200 psi	65 gal	4,708 lbs.	13'4"	7'7"	6'7"	7.4
750 cfm	350 psi	158 gal	14,400 lbs.	13'1"	7'2"	6'9"	7.2
900 cfm	150 psi	120 gal	10,600 lbs.	15'9"	7'2"	6'9"	12.7
900 cfm	500 psig	245 gal	16,040 lbs.	20'	7'3"	7'6"	24.8
1150 cfm	350 psi	249 gal	19,000 lbs.	20'	7'3"	7'6"	24.8
1600 cfm	150 psi	249 gal	19,000 lbs.	20'	7'3"	7'7"	24.8

## AIR DRYERS

Sullair and Reco Heatless desiccant air dryers ranging from 400-1600 cfm providing -40 degree pressure dew point.

## ELECTRIC COMPRESSORS

MODEL	AIR OUTPUT	RATED PRESSURE	WORKING WEIGHT	LENGTH	WIDTH	HEIGHT
E900H	900 cfm	150 psig	11,780 lbs.	16'1"	6'9"	7'8"
Other options available upon request						

## OIL FREE AIR COMPRESSORS

These air compressors provide 100% oil free air, with no danger of system problems or damage to work in process. Built with fewer components, their simplified design offers premium performance and minimal maintenance.

MODEL	AIR OUTPUT	RATED PRESSURE	FUEL TANK CAPACITY	WORKING WEIGHT	LENGTH	WIDTH	HEIGHT	FUEL
M500-2	1340-1600 cfm	58 – 150 psig	248 gal	26,235 lbs.	19'9"	7'6"	9'2"	Diesel

## COMPRESSED AIR HOSES

Air hose is specifically designed to send compressed air to valves, components and tools. Boyd CAT offers 2" and 3" Boss fittings with safety whipchecks as well as 3/4" Chicago fitting air hoses.

SIZE	TYPE	LENGTH
2 in	150 psi	50 ft.
3 in	150 psi	50 ft.

## 30 TON DX UNIT – OPTIONAL 150 kW HEATER ATTACHMENTS

This heater is designed for use with Boyd CAT's 30 ton DX unit. The unit has a flanged opening that connects to the supply air output of the 30 ton DX unit. It uses the 10,000 CFM VFD blower of the 30 ton DX unit as the air flow source.

MODEL	HEIGHT	WIDTH	DEPTH	APPROX WEIGHT
150 kW Electric Heater Attachment	56"	48"	26"	500 lbs.

### ELECTRICAL DATA

460 volt/3 phase/60 Hertz  
 225 amp 600 volt single pole mount receptacles  
 180 FLA

### HEAT CONTROL

Programmable Logic Control  
 160° Temp Internal Thermostat  
 103° Temp Remote Thermostat  
 On/Off Switch

### MACHINE CONTROL

On/Off/Heat Switch  
 75 or 150 kW operation  
 Indicator lights (power/air flow/heat/over temp)

### GENERAL

Powder coated steel construction  
 Fork lift pockets



## 20 TON ENTERTAINMENT UNIT AIR CONDITIONER

Our entertainment units (20 ton air conditioning units) are self-contained and provide conditioned air for indoor or outdoor rental applications. Units are sound attenuated and are equipped with high efficiency scroll-type compressors which allow for cold starting – no preheat required.

Applications:

- Temporary Structure
- Event Cooling & Optional Heating

MODEL	LENGTH	WIDTH	HEIGHT	SHIPPING WEIGHT	POWER SUPPLY
Stealth 20	89"	37"	100"	2,700 lbs.	480 volt/3 phase/60 HZ ground

### ELECTRICAL DATA

Breaker	125 amps
Cooling Load	57 amps
Heating Load	47 amps
Dehumidification Load	95 amps
Connection	Cam-lock in/out for daisy chain set up

### SYSTEM CONTROL

Remote Temperature Control	Standard
Discharge Air Temperature Control	Standard
Return Air Temperature Control	Standard

### FAN DATA

Design Air Flow/Maximum Air Flow	10,000 cfm
Design Total Static Pressure	3.25 in wg
Fan Control	VFD

### COOLING DATA

Design Capacity	20 tons
Entering Air Temp (dry bulb/wet bulb)	90/70°F
Leaving Air Temp (dry bulb/wet bulb)	63.5/59.6°F
Coil Construction	Cooper Tube/Aluminum fins
Low Ambient Control	VFD

### COMPRESSOR DATA TYPE

2 X High Efficiency Scroll

### ELECTRIC HEAT

30 kW



## 50T - 500T CHILLERS

Boyd CAT offers water-cooled and air-cooled industrial chiller rentals suited for numerous long- or short-term applications. From structure to process cooling, our chiller rentals offer you a dependable option for your temperature control needs. We are the experts in commercial chiller rental and will help you find the right solution for your application. Boyd CAT will calculate your cooling needs, and we will also deliver, install, build and service your equipment. Our team will design your rental system to provide your required performance while staying in compliance with code and safety requirements. Whichever chiller rental you select, you can trust that you are getting a piece of equipment that you can rely on.





# 30 TON AIR CONDITIONER

Applications:

- Cooled Air for Confined Spaces
- Dense Air Injection
- Large Motor Cooling
- Temporary Structure
- Event Cooling & Optional Heating



MODEL	LENGTH	WIDTH	HEIGHT	SHIPPING WEIGHT	DUCT CONNECTIONS	FILTERS 6 EA.	POWER SUPPLY
Stealth 30	96"	66"	102"	4,900 lbs.	19"	2" x 24" x 24" (30% efficient)	460 volt/3 phase/60 HZ ground

**ELECTRICAL DATA**

Total full load or running load 67 amps

**SYSTEM CONTROL**

Remote Temperature Control Standard  
 Discharge Air Temperature Control Standard  
 Return Air Temperature Control Standard

**FAN DATA**

Design Air Flow/Maximum Air Flow 10,000 cfm  
 Design Total Static Pressure 3.25 in wg  
 Fan Type Centrifugal  
 Fan Control VFD  
 Motor hp/speed 10 hp/862-1725 rpm

**COOLING DATA**

Design Capacity 30 tons (2 stage)  
 Entering Air Temp (dry bulb/wet bulb) 90/70°F  
 Leaving Air Temp (dry bulb/wet bulb) 63.5/59.8°F  
 Coil Construction Cooper Tube/Aluminum fins  
 Rows 3  
 Fins per inch 10  
 Low ambient control Hot gas bypass

**COMPRESSOR DATA TYPE**

High Efficiency Scroll

**ELECTRIC HEAT**

Type Electric  
 Capacity 150 kW  
 Heating 500 MBH



# 80 TON AIR CONDITIONER

Applications:

- Cooled Air for Confined Spaces
- Dense Air Injection
- Large Motor Cooling
- Temporary Structure
- Event Cooling & Optional Heating



MODEL	LENGTH	WIDTH	HEIGHT	SHIPPING WEIGHT	DUCT CONNECTIONS	FILTERS	POWER SUPPLY
Stealth 80	182"	96"	109"	10,300 lbs.	19.2"	2" (30% efficient)	460 volt/3 phase/60 HZ ground

**ELECTRICAL DATA**

Cooling load 179 amps  
 Heating load 192 amps  
 Minimum circuit ampacity 179 amps  
 \*Cooling only

**SYSTEM CONTROL**

Outside air damper Manual  
 Discharge air temperature control Standard (4 x 20" Supply Air Duct)  
 Return air temperature control Standard (4 x 20" Supply Air Duct)

**FAN DATA**

Design air flow/maximum air flow 18,000 cfm  
 Design total static pressure 4 in wg  
 Fan control VFD  
 Motor hp/speed 30 hp/1725 rpm

**COOLING DATA**

Design Capacity 75 tons  
 Entering Air Temp (dry bulb/wet bulb) 80/67.0°F  
 Leaving Air Temp (dry bulb/wet bulb) 55.7/54.0°F  
 Coil Construction Cooper Tube/Aluminum fins  
 Rows / Fins per inch 8 / 8

**COMPRESSOR DATA TYPE**

Type Screw  
 Crankcase heat 200 watts

**ELECTRIC HEAT**

Type Electric  
 Capacity 130kW  
 Heating 444 MBH





## HEATERS

Boyd CAT carries temporary heating options ranging from 5,000-1,200,000 BTUs. Whether your preferred fuel source be diesel, natural gas, propane, or all electric, Boyd CAT offers a wide range of temperature control solutions for your industrial/manufacturing facility, or construction site.



## AIR BOX

Boyd CAT's air box is designed to be ducted into a space or attached directly to the wall of a tent. Aluminum construction with white powder coat finish.

3 – 20" Round Duct Connections

The air box is used to easily transition from round 20" supply or return duct outside of the tent to a register inside of the tent.

## FLEXIBLE DUCT

PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix and external wearstrip. All hose ends have a belted cuffed end for simple installation. Available in 14" or 20" diameter; standard length 25'.



## TOTAL EQUIPMENT RENTAL SOLUTIONS

Power rental equipment isn't the only equipment that Boyd CAT rents. We also carry several different machines to help you get all of your jobs completed. Whether you need a Cat® mini excavator, a Genie articulated boom lift, or even something as small as a saw or a water pump, Boyd CAT has all of the products you need.

Not only do we have rental equipment, all locations are full equipment experts. So, if you're not sure what exactly you need, we can help. Or if you need something fixed, we have field and shop techs that are just one call away!





Boyd CAT  
PO Box 35900  
Louisville, KY 40232



[BoydCat.com](http://BoydCat.com)

**APPLE GROVE**

34 Bladen Lane  
Ashton, West Virginia 25503  
(304) 220-5029

**ASHLAND**

12251 US 60  
Ashland, Kentucky 41102  
(606) 928-3444

**BECKLEY**

1314 Robert C. Byrd Drive  
Crab Orchard, West Virginia 25827  
(304) 253-2706

**BELLE**

1400 E. Dupont Avenue  
Belle, West Virginia 25015  
(304) 949-6400

**BOWLING GREEN**

390 High Rail Way  
Bowling Green, Kentucky 42101  
(270) 843-3275

**CORBIN**

2200 S. Kentucky Avenue  
Corbin, Kentucky 40701  
(606) 528-3140

**DRY RIDGE**

215 Meeks Road  
Dry Ridge, Kentucky 41035  
(859) 823-1500

**ELIZABETHTOWN**

131 Parkway Drive  
Elizabethtown, Kentucky 42701  
(270) 769-1300

**EVANSVILLE**

2420 Lynch Road  
Evansville, Indiana 47711  
(812) 425-4651

**HOPKINSVILLE**

211 Commerce Court  
Hopkinsville, Kentucky 42240  
(270) 885-1700

**JACKSON**

1477 Mayhew Road  
Jackson, Ohio 45640  
(740) 286-7566

**JEFFERSONTOWN**

10910 Electron Drive  
Louisville, Kentucky 40299  
(502) 244-5700

**JEFFERSONVILLE**

6109 Hamburg Pike  
Jeffersonville, Indiana 47130  
(812) 284-1217

**LEXINGTON**

1900 Jaggie Fox Way  
Lexington, Kentucky 40511  
(859) 254-2756

**LOUISVILLE**

4401 Boyd Way  
Louisville, Kentucky 40211  
(502) 774-4441

**NITRO**

3 Park Road - HUB Industrial Park  
Nitro, West Virginia 25143  
(304) 759-6400

**PADUCAH**

1600 North 8th Street  
Paducah, Kentucky 42001  
(270) 443-3631

**PARKERSBURG**

4010 Emerson Avenue  
Parkersburg, West Virginia 26104  
(304) 424-0200

**PIKEVILLE**

359 S. Lanks Branch  
Pikeville, Kentucky 41501  
(606) 437-6265