

**FOLEY**  
POWER SYSTEMS

**CAT**<sup>®</sup>

# EMPOWERING YOUR BUSINESS



*[foleyinc.com/rentalpower](http://foleyinc.com/rentalpower)*

# Table of Contents

## AIR COMPRESSORS

Diesel Air Compressors: 375 - 1600 cfm .....	22
Dryer .....	24
Electric Air Compressor .....	24
Oil Free Air Compressor .....	23
Air Hose .....	23

## AIR CONDITIONERS

Air Conditioner: 5 Ton .....	8
Air Conditioner: 12 Ton .....	8
Air Conditioner: 30 Ton .....	9
Air Conditioner: 30 Ton Optional Heater Attachment .....	10
Air Conditioner: 80 Ton .....	11

## CHILLERS

Air Handlers .....	13
Chillers - Air Cooled .....	12
Chillers - Water Cooled .....	12
Cooling Towers .....	13
Plate and Frame Heat Exchangers .....	14
Shell & Tube Heat Exchangers .....	14

## DEHUMIDIFIERS

Desiccant Dehumidifiers .....	20
-------------------------------	----

## GENERATORS/POWER

Amperage Chart .....	1
Diesel Generators: 30kW - 2000kW .....	2, 3
Load Banks .....	7
Uninterruptible Power Supply .....	7

## GENERATOR/POWER ACCESSORIES

Automatic Transfer Switches .....	4
Cables .....	6
Cable Ramps .....	6
Electrical Panels .....	4
Fuel Tanks .....	5
Transformers .....	5

## HEATERS

Direct Fired .....	17
Electric .....	15, 19
Heater Attachment .....	10
Indirect Fired .....	16
Make-up Air .....	18
Maxi Heater .....	19

## TEMPERATURE CONTROL ACCESSORIES

Air Box .....	21
Chiller Hose .....	21
Flexible Duct .....	21

## 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



## 30kW - 2000kW 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 – Foley Power Systems has the equipment to fit your needs.

### SPECIFICATIONS

Model	Generator Set Fuel Consumption (Gal/Hr)	Tank Capacity (gal)	Electrical	Weight (With Trailer)	Dimensions (With Trailer)
30 kW	100% load = 2.4 75% load = 1.8 50% load = 1.3	58.6	104 amps at 208 v. 45 amps at 480 v.	6,480 lbs	6'3"W x 7'3"H x 15'4"L
80 kW	100% load = 6.0 75% load = 4.80 50% load = 3.6	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 50% load = 3.5	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 = 13.9 75% load = 10.9 50% load = 9.1	264	608 amps at 208 v. 264 amps at 480 v.	10,600 lbs	6'4"W x 8'6"H x 17'4"L
230 kW	100% load = 18.3 75% load = 13.4 50% load = 9.1	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
300 kW	100% load = 23.5 75% load = 16.8 50% load = 11.8	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 50% load = 14	520	1390 amps at 208 v. 602 amps at 208 v.	20,458 lbs	8'5"W x 10'8"H x 22'2"L



## 30kW - 2000 kW Generator Sets

Applications:

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



### SPECIFICATIONS

Model	Generator Set Fuel Consumption (Gal/Hr)	Tank Capacity (gal)	Electrical	Weight (With Trailer)	Dimensions
600 kW	100% load = 40 75% load = 30 50% load = 20	428	2080 amps at 208 v. 902 amps at 480 v.	36,000 lbs	20' Container
800 kW	100% load = 56 75% load = 42 50% load = 28	1000	3470 amps at 208 v. 1504 amps at 480 v.	40,000 lbs	8'5"W x 13'5"H x 30'L
1000 kW	100% load = 88 75% load = 66 50% load = 44	1250	3470 amps at 208 v. 1504 amps at 480 v.	47,000 lbs	40' Container
1500 kW	100% load = 122 75% load = 91 50% load = 61	1250	2260 amps at 480 v.	84,000 lbs	40' Container
2000 kW	100% load = 140 75% load = 105 50% load = 70	1250	3000 amps at 480 v.	74,000 lbs	40' Container







## Electrical Panels

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

### TECHNICAL DATA

Size	Type	Voltage	Description
200 Amp	Load Center	120/208	Cam-lock Input with 10 QBS Receptacles & Hard Wire Capability
400 Amp	Load Center	120/208/8 277/480	Cam-lock Input with 12 QBS Receptacles, 200 Amp Cam-Lock Output & Hard Wire Capability
400 Amp	Panel	120/208/8 277/480	Cam-lock Input with (4) 100 Amp Outputs
1200 Amp	Panel	120/208/8 277/480	Various Outputs

## Automatic Transfer Switches

Our 100 amp - 3000 amp transfer switches provide a safe way to distribute power.

### TECHNICAL DATA

Size	Voltage	Connections
100 Amp	120/208 277/480	Cam-lock or Hard Wire
200 Amp	120/208 277/480	Cam-lock or Hard Wire
400 Amp	120/208 277/480	Cam-lock or Hard Wire
600 Amp	120/208 277/480	Cam-lock or Hard Wire
800 Amp	120/208 277/480	Cam-lock or Hard Wire
1200 Amp	120/208 277/480	Cam-lock or Hard Wire
3000 Amp	120/208 277/480	Hard Wire





## 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 set up specifically for rental and include cam-lock inputs and outputs, fork pockets and reinforced sub frame with lifting eyes.

### TECHNICAL DATA

Size	Voltage	Connections
112.5 KVA	480 - 120/208 Y	Cam-lock
225 KVA	480 - 120/208 Y	Cam-lock
500 KVA	480 - 120/208 Y	Cam-lock
1000 KVA	4160/2400 - 277/480 600 - 480	Two Hole Lug
1500 KVA	4160/2400 - 277/480	Two Hole Lug
2500 KVA	Primary: 2400/4140/7200/12000-14400 Secondary: 277/480	Two Hole Lug

\* Various Size 600 Volt Transformers Available

\* Other Combinations Available Upon Request



## Fuel Tanks

### STANDARDS

Size	Type
500 Gal	Diesel
1000 Gal	Diesel
2500 Gal	Diesel
5000 Gal	Diesel

## UL 142 Double Wall Standards



## Cables

Our 4/0 cam-lock single conductor cables used individually provide up to 400 amp loads and in parallel for larger load requirements. Size #1 cam-lock single conductor cables are used to provide up to 150 amp loads.



4/0 Cam-lock



#2 Cam-lock Banded

### CABLES

Size	Length	Weight	Capacity	Class
4/0 Cam-lock	5' - 25' - 50'	1 lb / ft	400 amps	600 v
#1 Cam-lock Banded Sets	50'	1.2 lb / ft	150 amps	600 v
Quad Box Strings	60' 10/20/20/10	25 lbs	20 amps	600 v
QBS Extensions	75'	30 lbs	20 amps	600 v
6/4 S/O Cord	75'	.8 lb / ft	60 amps	240 v
10/3 S/O Cord	100'	.3 lb / ft	30 amps	120 v



Quad Box Strings and Quad Box Extensions are used to provide 120 v., 20 amp power circuits.



## Cable Ramps

Protect many types of cables, up to 2.25" diameter. Combine units with interlocking design.

Size	Length	Width	Height	Load Capacity	Channel Width
3 Channel	36"	27"	3"	28,420 lbs.	2.25"
5 Channel	36"	20"	2.31"	20,150 lbs.	1.25"







## Container Resistive / Reactive Load Banks (up to 3000 kW)

Load Banks are devices designed to provide electrical loads for testing power sources such as generators and Uninterruptible Power Supplies (UPS). Load banks are also used to reduce "wet stacking" problems in diesel engines of backup generating systems.

Portable resistive load banks range in size from 10 kW to 700 kW. For larger ratings, we can provide trailer mounted models for most load testing requirements at remote sites.

### SPECIFICATIONS

Model	kW	Minimum Load Step Resolution	Load Voltage	Size	Weight
Minuteman	100 kW	12.5 kW	208 / 480 VAC	22.8" L x 11" W x 23.75" H	78 lbs.
Freedom	100 / 93.75 kW	5 kW	208 VAC 240 / 480 VAC; 3 phase	25" L x 16.25" W x 29.12" H	105 lbs.
Millennium	250 or 400 kW	5 kW	208 VAC 240 / 480 VAC; 3 phase	56" L x 34" W x 52" H	785 lbs.
Patriot	700 kW	5 kW	208 VAC 240 / 480 VAC; 3 phase	60.5" L x 33.5" W x 75" H	1,150 lbs.
K 580	1250 kW	5 or 50 kW	208 VAC 480 VAC; 3 phase	188" L x 93" W x 118" H	3,500 lbs.
Crestchic 3.3 MVA	2640 kW	5 or 50 kW	480 VAC; 3 phase	208" L x 93" W x 118" H	35,240 lbs. (includes trailer)

## Mobile Uninterruptible Power Supply (UPS)

The Cat UPS works by storing enough energy to ride through power disturbances such as dips or surges in voltage and/or current. Match the UPS with a Cat generator set to provide long-term backup during an outage or extended power reliability situation.



## 5 Ton Air Conditioning Units

Five ton air conditioning units can be set up in minutes with their portable and convenient design. These units quietly cool without adding background noise. Ideal for supplemental or temporary cooling in offices, meeting areas or classrooms.



Size	5 Ton
Length/Width/Height (in.)	42 x 30 x 70
Cooling Capacity: BTU/HR	78,000
Power Supply: Volts/Hertz/Phase/Amps	230/60/1/60
Total Power Consumption (kW)	8.7
Current Consumption	37.8

NEMA Plug Type	Wired
Evaporator CFM	2,300
Condenser CFM	3,900
Maximum Duct Length (ft.)	40
Operating Limits (min. - max) °F	65-110
Net Weight (lbs.)	650



## 12 Ton Air Conditioner

Foley's 12 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. Units feature rental friendly controls to meet the needs of the non-technical operator. Units are designed in accordance with industry guidelines and third party safety and quality standards.

Model ..... Stealth 12  
 Dimensions  
 Length..... 64"  
 Width..... 44"  
 Height..... 67.5"

Total shipping weight ..... 1200 lbs  
 Duct connections..... 13.75"  
 Filters (reusable)..... 2" x 15" x 20" (4)  
 Power supply..... 230 or 480 volt (please consult your rep)  
 3 phase/60 HZ with ground

<b>Electrical Data</b> Total full load or running load	96.3 amps at 230 volts 45.7 amps at 480 volts
<b>System Control</b> Discharge air temperature control Return air temperature control	Standard Standard
<b>Fan Data</b> Design air flow/maximum air flow Design total static pressure Fan type Motor hp/speed	4050 cfm 3.25 in wg Centrifugal 5 hp/1750 rpm

<b>Cooling Data</b> Design capacity Entering air temp (dry bulb/wet bulb) Leaving air temp (dry bulb/wet bulb) Coil construction Rows Fins per inch	12 tons 90/70 °F 63.5/59.6 °F Copper Tube/Aluminum fins 4 12
<b>Compressor Data</b> Type	High Efficiency Scroll



## 30 Ton Air Conditioner

Applications:

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

### SPECIFICATIONS

Model .....	Stealth 30
Dimensions	
Length.....	96"
Width.....	66"
Height.....	102"

Total shipping weight .....	4900 lbs
Duct connections.....	19"
Filters (reusable) 6 ea.....	2" x 24" x 24" (30% efficient)
Power supply.....	460 volt/3 phase/60 HZ with ground

### TECHNICAL DATA

<b>Electrical Data</b> Total full load or running load	67 amps
<b>System Control</b> Remote temperature control Discharge air temperature control Return air temperature control	Standard Standard Standard
<b>Fan Data</b> Design air flow/maximum air flow Design total static pressure Fan type Fan control Motor hp/speed	10,000 cfm 3.25 in wg Centrifugal VFD 10 hp/862-1725 rpm
<b>Cooling Data</b> Design capacity Entering air temp (dry bulb/wet bulb) Leaving air temp (dry bulb/wet bulb) Coil construction Rows Fins per inch Low Ambient Control	30 tons (2 Stage) 90/70 °F 63.5/59.6 °F Copper Tube/Aluminum fins 3 10 Hot gas bypass
<b>Heating Data (Optional)</b> Type Capacity Heating	Electric 150 kW 500 MBH
<b>Compressor Data</b> Type	High Efficiency Scroll



## 30 Ton DX Unit - Optional 150 kW Heater Attachment

This heater is designed for use with Foley'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.



### SPECIFICATIONS

Model.....150kW Electric Heater Attachment  
 Dimensions  
 Height.....56"  
 Width.....48"  
 Depth.....26"  
 Weight (approx).....500 lbs

### TECHNICAL DATA

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





## 80 Ton Air Conditioner

Applications:

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

### SPECIFICATIONS

Model .....	Stealth 80
Dimensions	
Length.....	182"
Width.....	96"
Height.....	109"

Total shipping weight .....	10,300 lbs
Duct connections.....	19.2"
Filter (reusable) .....	2" (30% efficient)
Power supply.....	460 volt/3phase/60 HZ with ground

### TECHNICAL DATA

<b>Electrical Data</b> Cooling load Heating load Minimum circuit ampacity (cooling only)	179 amps 192 amps 179 amps
<b>System Control</b> Outside air damper Discharge air temperature control Return air temperature control	Manual Standard (4 x 20" Supply Air Duct) Standard (4 x 20" Return Air Duct)
<b>Fan Data</b> Design air flow/maximum air flow Design total static pressure Fan control Motor hp/speed	28,000 cfm 4 in wg VFD 30 hp/1725 rpm
<b>Cooling Data</b> Design capacity Entering air temp (dry bulb/wet bulb) Leaving air temp (dry bulb/wet bulb) Coil construction Rows / Fins per inch	75 tons 80/67.0 °F 55.7/54.0 °F Copper Tube/Aluminum fins 8 / 8
<b>Heating Data</b> Type Capacity Heating	Electric 130kw 444 MBH
<b>Compressor Data</b> Type Crankcase heat	Screw 200 watts





## Air Cooled & Water Cooled Chillers

Applications:

- Alkylation (Alky) Cooling
- Wet Gas Compressor Cooling
- Concrete Cooling
- Dense Air Injection
- Environmental Control
- Plastic Production Processes
- Turbine Inlet Cooling
- Waste Water Treatment



### SPECIFICATIONS: AIR COOLED CHILLERS

Size	Obtainable Temperature	Min/Max Flow GPM	Rated Line AMPS 480V	Length	Width	Height	Shipping Weight
30 ton	20°F	45/75	70 FLA	10'	4'6"	8'1"	4,340 lbs.
50 ton	0°F	75/250	125 FLA	11'2"	7'	8'2"	6,900 lbs
100 ton	0°F	127/600	225 FLA	21'	8'2"	9'	13,900 lbs
150 ton	0°F	188/747	320 FLA	21'	8'2"	9'	16,400 lbs
200 ton	0°F	272/747	450 FLA	30'	8'2"	9'	18,800 lbs
250 ton	20°F	272/800	500 FLA	30'	8'2"	9'	22,200 lbs
300 ton	20°F	500/1600	658 FLA	40'	8'	8'9"	40,000 lbs
450 ton	20°F	750/2400	987 FLA	50'	8'	8'9"	63,000 lbs

### SPECIFICATIONS: WATER COOLED CHILLERS

Size	Obtainable Temperature	Min/Max Flow GPM	Rated Line AMPS 480V	Length		Shipping Weight
525 ton	20°F	700/2100	500 FLA	20'	ISO Container	39,000 lbs.
525 ton	20°F	700/2100	500 FLA	30'	ISO Container	39,000 lbs
500 ton	-40°F	600/1575	612 FLA	40'	ISO Container	39,000 lbs



## Cooling Towers

Applications:

- Containment & Spent Fuel Pool Cooling
- Jacketed Reactor Cooling
- Large Motor Cooling
- Scrubber Cooling
- Supplemental Cooling Tower Water

### SPECIFICATIONS

Size	Temperature	Min/Max Flow GPM	Length	Width	Height	Weight
260 ton	Max. Inlet 125°F	750 GPM	13' 11"	7"3.5"	9'11"	9,745 lbs.
500 ton	95°F In / 85 °F Out	1500 GPM	24'.5"	7'11"	10'6"	15,590 lbs.
750 ton	95°F In / 85 °F Out	2250 GPM	48'	8'6"	13'6"	38,390 lbs.

## Air Handlers

- Containment & Spent Fuel Pool Cooling
- Jacketed Reactor Cooling
- Large Motor Cooling
- Scrubber Cooling
- Supplemental Cooling Tower Water

Combine an air handler with a chiller to provide air conditioning.

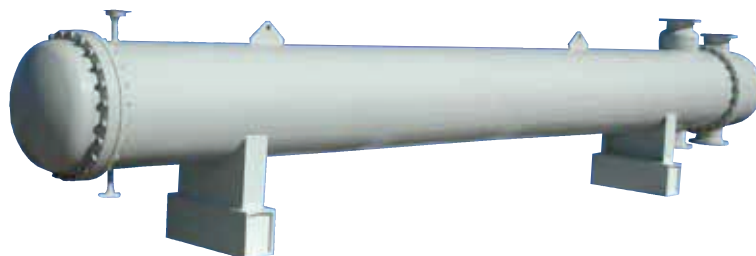


### SPECIFICATIONS

Tonnage	Design Parameters	Min/Max Flow CFM	Length	Width	Height	Weight
120	50°F leaving air temp with 95 DB / 75 WB EAT	10,000 - 20,000	10'	7'	9' 4" with plenum attached	4500 lbs

## Shell & Tube Heat Exchangers

Single and double pass models available in either carbon or stainless steel models. Used for process cooling. Foley can provide you with the right exchanger for all your temperature limited needs.



Applications:

- Jacketed Reactor Cooling
- Alkylation (Alky) Cooling
- Conveyor Cooling
- Scrubber Cooling
- Plastic Production Processes
- Vapor Recovery & Liquefied Gas Storage
- Waste Water Treatment

### TECHNICAL DATA

Size	Material	Tube Rating	Shell Rating	Length	Height	Weight
1600 sq. ft.	316 L Stainless Steel	115 psi @ 400°F	330 psi @750°F	18'6"	4'	16,000 lbs..
2125 sq. ft.	Carbon Steel	150 psi @ 300°F	150 psi @ 300°F	21'6"	5'6"	18,000 lbs.

## Plate and Frame Heat Exchangers

Remove temperature limitations throughout process, replace fowled exchangers and alleviate possible contaminants. Additional exchangers available to meet all your pressure, temperature and BTU requirements.



### TECHNICAL DATA

Tonnage	Material	Pressure Rating	Weight
500	Stainless Steel	150 psi	5,000 lbs.
1000	Stainless Steel	150 psi	8,000 lbs.
1500	Stainless Steel	150 psi	12,000 lbs.

## 75/150 kW Electric Heaters

Applications:

- Job Site/Construction Heat
- General/Building Heat
- Temporary Shelter
- Industrial Heat
- Commercial/Institutional Heating
- 100% Clean and Dry Heat
- 100% Efficient
- 100% Fume Free



### SPECIFICATIONS

Model ..... 150 kW Heater  
 Dimensions  
 Length.....94"  
 Width.....34"  
 Height..... 65"  
 Weight..... 2000 lbs.

### TECHNICAL DATA

Electrical Data	460 volt/3 phase/60 HZ 225 amp 600 volt single pole mount receptacles 185 FLA
Blower	Variable speed (440-1760 RPM) up to 10,000 CFM Plenum fan arrangement Belt Drive 19" diameter outlet flange Optional 19" side air intake flange
Heat Control	Programmable Logic Control 225° Temp Internal Thermostat 103° Temp Remote Thermostat On/Off Switch
Machine Control	Hour meter Phase monitor relay 75 or 150 kW operation Indicator lights (power/phase failure/air flow/heat/over temp) Blower speed control
General	Stainless steel construction 10" lockable castors Fork lift pockets on all four sides



## Indirect Fired Heaters - 2000 & 4000

### Applications:

- Job Site/Construction Heat
- General/Building Heat
- Temporary Shelter
- Industrial Heat
- Commercial/Institutional Heating
- 100% Fume Free
- Natural gas, propane or fuel oil

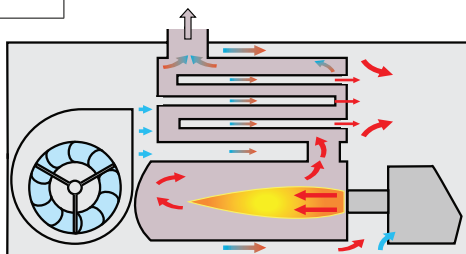
### SPECIFICATIONS: 2000 MODEL

Capacity Gross	700,000 btu
Capacity Net	615,000 btu
Air Volume	6,500 cfm
Outlet Hose Diameter	24"
Inlet Hose Diameter	24"
Flue Connection	8"
Duct Length	200 ft.
Voltage	208 V / 3 phase
Frequency Hz	60
Current	13 amps
Chimney Loss	12%
Fuel Consumption	NG 675 CFH - LP 7 GPH
Fuel	NG/LP/Fuel Oil
Decibel Rating	77.5
Weight	1,201 lbs.
Dimensions	94.5" x 32" x 54"
Efficiency	88%
Pressure	1.7" NG 2.5" LP
Outlet Temp	170° F
Heat Rise	130° F
Static Pressure	2.4
Nozzle	3.7 NG 2.2 LP

### 4000 MODEL

Capacity Gross	1,380,000 btu
Capacity Net	1,214,400 btu
Air Volume	14,125 cfm
Outlet Hose Diameter	2 x 24"
Inlet Hose Diameter	2 x 24"
Flue Connection	12"
Duct Length	400 ft.
Voltage	208 V / 3 phase
Frequency Hz	60
Current	30 amps
Chimney Loss	12%
Fuel Consumption	NG 1,314 CFH - LP 15 GPH
Fuel	NG/LP/Fuel Oil
Weight	2,000 lbs.
Dimensions	152" x 47" x 74"
Efficiency	88%
Static Pressure	3.6

- High efficiency heat exchanger (92%).
- Weather resistant & lockable casing.
- High pressure fan for powerful heat distribution.
- Recirculation hose flange possible.



**100% clean and dry heat**  
**Outlet temperature circa 104-158 F**  
**Large heat throw**

- Combustion chamber heat resistant up to 850°C.
- Lower tray for oil containment during servicing.





## 400,000 to 3.5 Million BTU Direct Fired Heaters

Applications:

- Job Site/Construction Heat
- General/Building Heat
- Temporary Shelter
- Industrial Heat
- Commercial/Institutional Heating

### PRODUCT FEATURES

Body Construction ..... Stainless Steel  
 Burner ..... Stainless Steel  
 Consumption Rating ..... High Efficiency  
 Fuel Type ..... Natural Gas/LPG Fired  
 Sizes ..... 400,000 to 3,500,000 BTU



### TECHNICAL DATA

Model	Output	Manifold Pressure	Max Gas Consumption	CFM	Electrical	Weight	Dimensions
400K	High 400,000 BTU Low N/A	2" W.C. LPG 7" W.C. NG	4 Gallons/hr 400 CFH	2800	1/4 hp motor 120V, 3 amps	90 lbs	16"W x 24"H x 52"L
700K	High 700,000 BTU Low N/A	2" W.C. LPG 7" W.C. NG	7.5 Gallons/hr 700 CFH	4500	1 hp motor 120V, 8 amps	178 lbs	22"W x 31"H x 58"L
2.0M	High 2,000,000 BTU Low 800,000	2" W.C. LPG 7" W.C. NG	20 Gallons/hr 2000 CFH	8000	1.5 hp, 120 V, 14 amps 230 V, 480 V available	355 lbs	30"W x 36"H x 63"L
3.5M	High 3,500,000 BTU Low 1,000,000 BTU	9" W.C. LPG 14" W.C. NG	35 Gallons/hr 3500 CFH	21000	5 hp, 480 V, 8 amps 5 hp, 230 V, 21 amps	540 lbs	62"W x 52"H x 180"L

## 600,000 BTU Make-up Air Heater

Applications:

- Job Site/Construction Heat
- General/Building Heat
- Temporary Shelter
- Industrial Heat
- Commercial/Institutional Heating



### SPECIFICATIONS

Model ..... MUA600  
 Dimensions  
 Length..... 60.5"  
 Width..... 29.25"  
 Height..... 48"

Shipping Weight ..... 500 lbs.  
 Duct Connection..... 20" Outlet Flange  
 Power Supply ..... 115 volt/1 phase/60 HZ

### TECHNICAL DATA

<b>Electrical Data</b>	1.5 HP 12 FLA 20 amps
<b>Fuel</b> Type Consumption rate Burner type Inlet pressure Maximum manifold pressure Minimum gas supply	Natural Gas/Propane 100,000 BTU/hr (min) / 600,000 BTU/hr (max) Modulating Inlet pressure (min/max): 5 in. wc (min) / 2 psi (max) 5 in wc 7 in wc for maximum input adjustment
<b>Blower</b> Speed Drive mechanism Duct outlet	3500 CFM Belt Drive 20" diameter outlet flange
<b>Heat</b> Thermostat Maximum temperature rise Maximum discharge temperature	Remote/Stationary 240° F 220° F
<b>General</b> Body Mobility Portability	Stainless steel construction 8" lockable castors Fork lift pockets/Lifting eye



## 15 kW - 30 kW Electric Heaters

A high-output heating element combined with a powerful fan results in superior heat coverage for your indoor applications. Heaters are intended for confined work environments with ceiling heights of less than 15'.

### SPECIFICATIONS

Size	15 kW	30 kW
Volts	208 VAC/480 VAC	480 VAC
Watts	15,000	30,000
BTU/Hr	51,195	102,390
cfm	800	800
amps	42/18	36
Ht. x Ws. x Dp.	39" x 27" x 21"	39" x 27" x 22.5"

## Maxi Heater - MH1000

Indirect combustion ensures only clean, breathable air is entering the work area. The 191 gallon fuel tank provides up to 30 hours of continuous operation without refueling. Twin heaters produce a maximum of 1,000,000 BTUS may be operated independently depending on heating requirements.

Length	Width	Height	Weight (with Fuel)
16 ft.	6' 8"	6'	4,651 lbs.



## Desiccant Dehumidifiers



### Applications:

- Mold/Fungus Prevention
- Surface Preparation and Coating
- Restoration Drying
- Corrosion Prevention
- Electronics Protection
- Power Plant Lay-Up
- Pharmaceutical
- Candy manufacturing

### PRODUCT FEATURES

- Main Power Phase Monitors
- 30% Inlet Air Filters
- Round Duct Collars
- 12 inches External Static Pressure
- Non-rusting Aluminum Construction
- Lightweight/Small Footprint
- Simple, Reliable Operation



### TECHNICAL DATA

Dehumidifier	Model	OCD-1000	OCD-2500	OCD-5000
	Process Air Flow Reactivation Heat Source Total Static Available	1000 CFM 13.5kW Electric 2 inch WC	2500 CFM 50kW Electric 5 inch WC	5000 CFM 99kW Electric 12 inch WC
Dimensions	Length Width Height Weight	70" 32" 38" 525 lbs	8' 6.5' 6' 2,600 lbs	12' 11.5" 6'6" 6' 3,200 lbs
Electric	Volts Phases Hz FLA	240 1 60 74 FLA	480 3 60 90 FLA	480 3 60 140 (175 amp breaker)
Included Options	Transportation Dual Reactivation Connection Type Outlet Size	Castors and fork pockets Electric Cord 10"	Fork pockets LP gas and electric Cam-lock 19.75"	Fork pockets LP gas and electric Cam-lock 19.75"

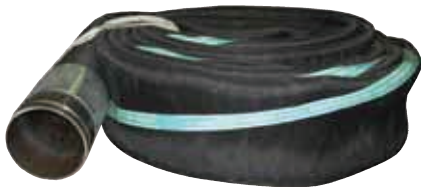
## Air Box

Foley'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  
 Dimensions: 66" w x 36" d x 26" h



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.



## Chiller Hose

Temporary quick connect chilled water hose available with unit for tie in to chilled water system.

Size	GPM	Length	Connection Type
4 in	Suction & Discharge	10 - 20 ft	Cam-lock/Victaulic
6 in	Suction & Discharge	10 - 50 ft	Victaulic



## Flexible Duct

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





## Compressed Air

Foley'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 air at any flow and pressure for the ultimate in flexibility, whether you need Oil-Free, Instrument Quality or Oil Flooded units.

### SPECIFICATIONS

Model	Air Output	Rated Pressure	Fuel Tank Capacity (gal)	Working Weight (lbs)	Length	Width	Height	Fuel Consumption (GPH)
375HAF	375 cfm	150 psig	56	4,420	13'	6' 4"	6' 1"	6.45
750HAF	750 cfm	150 psig	120	10,600	15' 9"	7' 2"	6' 9"	11.6
900HAF	900 cfm	150 psig	120	10,600	15' 9"	7' 2"	6' 9"	12.7
900XHH	900 cfm 1150 cfm	500 psig 350 psig	245	16,040	20'	7' 3"	7' 6"	24.8
1600HAF	1600 cfm	150 psig	190	16,620	20'	7' 3"	7' 7"	24.8

#### 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



## 100% Oil Free Air

The 1550 cfm units 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.



### SPECIFICATIONS

Model	Air Output	Rated Pressure	Working Weight (lbs)	Length	Width	Height	Fuel Tank Capacity (gal)	Fuel Consumption (GPH)
DE - 18	1550 cfm	75 - 135 psig	25,000	19'	7' 3"	8' 1"	250	21.5 gph
DR - 13	428 - 785 cfm	100 - 150 psig	11,700	12'	6'	6' 8"	Electric	N/A

## Compressed Air Hoses

Air hose is specifically designed to send compressed air to valves, components and tools. Foley offers 2" and 3" Boss fittings with safety whipchecks.



### SPECIFICATIONS

Size	Type	Length
3 in	150 psi	25 - 50 ft
4 in	150 psi	25 - 50 ft

\* High Pressure Available





## SSDR Dryers

Sullair's oil free system consists of a compressor and the new SSSDR regenerative dryer and filter package. The system delivers air that contains no aerosols, no particulate larger than 0.01 micron and less than 0.01 parts per million of liquid lubricant contaminants. The dry air is filtered to remove atmospheric particulate, liquid aerosols and other pollutants to provide compressed air for the most critical application.

### SPECIFICATIONS:

Model	Flow @ 100 psig scfm	Flow @ 150 psig scfm	Flow @ 175 psig scfm	Inlet & Outlet Size	Weight (lbs) With Dessicant	Length	Width	Height
SSDR-820	820	1148	1336	3" FLG	4500	8' 5"	6' 1"	7' 8"
SSDR-1050	1050	1470	1711	3" FLG	4500	8' 5"	6' 1"	7' 8"
SSDR-1450	1450	2030	2363	3" FLG	5200	9' 8"	6' 1"	7' 8"
SSDR-1710	1710	2394	2787	3" FLG	5200	9' 8"	6' 1"	7' 8"

## TSR-20 Electric Air Compressors

This Sullair unit is ideal for emergency air, standby air, supplemental air and peak load shaving. These units are available with spiral valve technology that provides each compressor model with energy savings and a wide range of capacities and pressures.



### SPECIFICATIONS:

HP	100 psi	125 psi	150 psi	175 psi	Start Amps	Full Load Amps	Dimensions	
100	555 CFM	485 CFM	430 CFM	380 CFM	153	153	L	13'
125	685 CFM	615 CFM	555 CFM	495 CFM	186	186	W	6'2"
150	815 CFM	740 CFM	680 CFM	610 CFM	220	220	H	7'2"
200	970 CFM	900 CFM	845 CFM	775 CFM	286	286	WT	11,600

*Established*

**FOLEY CAT**

**1957**

**FAMILY OWNED  
AND OPERATED FOR  
THREE GENERATIONS.**

**CONTACT US:**

**(732) 885-5555**

**(877) 726-7663**

**BRANCH LOCATIONS**

**Piscataway, NJ**

885 Centennial Avenue

**Bensalem, PA**

2975 Galloway Road

**Hammonton, NJ**

650 S. Egg Harbor Road

**Whitehall, PA**

5102 Beekmantown Road

**Bear, DE**

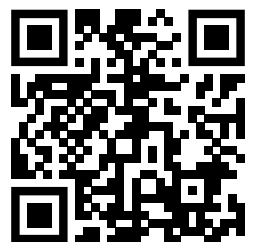
720 Pulaski Highway



[foleyinc.com/rentalpower](http://foleyinc.com/rentalpower)



**FOLEY**  
POWER SYSTEMS



JOIN OUR EMAIL LIST

**FOLEY**  
POWER SYSTEMS

**CAT**<sup>®</sup>



## YOUR SOURCE FOR COMPLETE POWER SYSTEMS SOLUTIONS.

*Whenever And Wherever You Need it.*

- Service, Rent & Provide Warranty Support on the Entire Power Generation System
- Direct Factory Technical Service Support
- Dedicated Outside Product Support Sales Representatives (PSSRs)
- Dedicated Inside Customer Support Representative
- Mobile Reactive Load Bank Testing
- 1,000 HP Engine Dyno
- Extended Warranty Coverage on New and Used Engines
- Full Machine Shop
- Fabrication & Welding Shop
- Emergency Field Service 24/7

[foleyinc.com/rentalpower](http://foleyinc.com/rentalpower)

**CALL FOLEY POWER SYSTEMS FOR ALL YOUR POWER NEEDS**

**24 HR. EMERGENCY SERVICE**

**PISCATAWAY 732-885-5555 • BENSLEM 877-726-7663**