

# Air Treatment Products



Filters



Regulators



Refrigerated



Coolers



Desiccant

Distributed by:

## Compressed Air Systems

Simplicity. It's What We Do

# Air & Oil Coolers

Compressed Air Systems air and air/oil coolers are designed to provide optimum cooling efficiency by using aluminum instead of the traditional copper tube and fin, we are able to provide discharge temperatures that in some case can equal intake temperatures. Because of our simple design and two sided mounting brackets our coolers are easy to mount and maintain.

Air or Oil Coolers										
Model	CFM Capacity	Maximum Pressure	Max Inlet Temp	Length Inches	Width Inches	Height Inches	Material	Inlet Outlet Inches		
M-15-AL	50	290	302F	21"	1 5/8"	9"	Aluminum	3/4"		
M-20-AL	80	290	302F	21"	1 5/8"	12"	Aluminum	1"		
M-25-AL	150	290	302F	27"	1 5/8"	20"	Aluminum	1"		
M-30-AL	240	290	302F	26"	1 5/8"	26"	Aluminum	1 1/4"		
Free Standing After Cooler										
Model	CFM Capacity	Maximum Pressure	Max Inlet Temp	Length Inches	Width Inches	Height Inches	Material	Inlet Outlet Inches		Voltage
M-15-AL-FS	50	290	302F	21"	12"	26 1/4"	Aluminum	3/4"		115-120
M-20-AL-FS	80	290	302F	21"	12"	30 1/2"	Aluminum	1"		115-120
M-25-AL-FS	150	290	302F	27v	15"	36"	Aluminum	1"		115-120
M-30-AL-FS	240	290	302F	26"	16"	42"	Aluminum	1 1/4"		115-120
Rotary Screw Air & Oil Coolers										
Model	CFM Capacity	Compressor Size	Maximum Pressure	Max Inlet Temp	Length Inches	Width Inches	Height Inches	Material	Inlet Outlet Inches	
R-14366	40	5-10HP	250	225F	17 3/4	2 3/4	15"	Aluminum	3/4"	
R-14274	80	15-20HP	250	225F	19 1/2	2 3/4	17"	Aluminum	1"	
R-14277	140	25-30HP	250	225F	27	2 3/4	19"	Aluminum	1"	
R-15438	225	40-60HP	250	225F	27	4.5	26"	Aluminum	1 1/4"	
R-15220	430	75-100HP	250	225F	27 1/2"	4.5	47"	Aluminum	2"	

Custom cooler sizes and styles are available upon request. Minimum quantity of 50 coolers is necessary to manufacture.



# Filters/Regulators

## Particulate Filters

Model	Inlet Outlet Inches	CFM Capacity	Maximum Pressure	Min. Operating Temperature	Max. Operating Temperature
F352	1/4"	50	250 psi	-34F	175F
F353	3/8"	65	250 psi	-34F	175F
F354	1/2"	68	250 psi	-34F	175F
F373W	3/8"	112	250 psi	-34F	175F
F374W	1/2"	140	250 psi	-34F	175F
F376W	3/4"	140	250 psi	-34F	175F
F329-06W	3/4"	160	250 psi	-34F	175F
F329-08W	1"	403	250 psi	-34F	175F
F329-12W	1 1/2"	424	250 psi	-34F	175F
F358HF-12	1 1/2"	424	250 psi	-34F	175F
F3N1-16	2"	500	250 psi	-34F	175F

## Filter Regulators

Model	Inlet Outlet Inches	CFM Capacity	Maximum Pressure	Min. Operating Temperature	Max. Operating Temperature
B752W	1/4"	78	250 psi	-30F	175F
B754W	1/2"	123	250 psi	-30F	175F
B753FW	3/8"	163	250 psi	-30F	175F
B74G-6AK	3/4"	212	250 psi	-30F	175F
B68E-8AK	1"	509	250 psi	-30F	175F
B68E-AAK	1 1/4"	509	250 psi	-30F	175F
B68E-BAK	1 1/2"	509	250 psi	-30F	175F

## Regulators

Model	Inlet Outlet Inches	CFM Capacity	Maximum Pressure	Min. Operating Temperature	Max. Operating Temperature
R162	1/4"	50	300 psi	0F	175F
R262	1/4"	91	300 psi	0F	175F
R353	3/8"	66	300 psi	0F	175F
R354	1/2"	144	300 psi	0F	175F
R373	3/8"	144	300 psi	0F	175F
R376	3/4"	220	300 psi	0F	175F
R378	1"	360	300 psi	0F	175F
R398	1"	360	300 psi	0F	175F
R3910	1 1/4"	3602	300 psi	0F	175F
R3912	1 1/2"	400	300 psi	0F	175F

## Filter Regulators

Model	Inlet Outlet Inches	CFM Capacity	Maximum Pressure	Min. Operating Temperature	Max. Operating Temperature
B752W	1/4"	78	250 psi	-30F	175F
B754W	1/2"	123	250 psi	-30F	175F
B753FW	3/8"	163	250 psi	-30F	175F
B74G-6AK	3/4"	212	250 psi	-30F	175F
B68E-8AK	1"	509	250 psi	-30F	175F
B68E-AAK	1 1/4"	509	250 psi	-30F	175F
B68E-BAK	1 1/2"	509	250 psi	-30F	175F

# Refrigerated Dryers

Compressed Air Systems Line of air dryers are simple to operate and install like our compressors. They use standard size inlet and outlet fittings with standard pipe thread.



Refrigerated Dryers

Model	Length Inches	Width Inches	Height Inches	CFM @ 100F Inlet	CFM @ 120 Deg Inlet	Max Inlet Temp	Voltage	Weight	Electronic Auto Drain	Refrigerant	Inlet/Outlet Size	Dew Point
HG10	13"	13"	15"	10	8.8	120F	115	64	(Float)	R134a	3/4"	38F
HG15	13"	13"	15"	15	13.2	120F	115	69	Yes	R134a	3/4"	38F
HG25	15"	15"	22"	25	22	120F	115	88	Yes	R134a	3/4"	38F
HG35	15"	15"	22"	35	30.8	120F	115	92	Yes	R134a	3/4"	38F
HG50	20"	20"	22"	50	44	120F	115	101	Yes	R134a	3/4"	38F
HGE75	19"	21"	20"	75	66	120F	115	110	Yes	R134a	3/4"	38F
HGE100	13"	30"	21"	100	88	120F	115	123	Yes	R134a	1"	38F
HGE125	13"	30"	21"	125	110	120F	115	133	Yes	R134a	1"	38F
HGE150	13"	30"	21"	150	132	120F	115	153	Yes	R134a	1"	38F
HGE200	17"	36"	30"	200	176	120F	480/3	183	Yes	R134a	1 1/2"	38F
HGE250	17"	36"	30"	250	220	120F	480/3	211	Yes	R134a	1 1/2"	38F
HGE300	20"	38"	30"	300	264	120F	480/3	218	Yes	R134a	1 1/2"	38F
HGE400	21"	38"	30"	400	352	120F	480/3	232	Yes	R134a	2"	38F
HGE500	25"	41"	32"	500	440	120F	480/3	262	Yes	R134a	2"	38F
HGE600	36"	27"	55"	600	528	120F	480/3	295	Yes	R134a	3"	38F
HGE750	36"	27"	55"	750	660	120F	480/3	306	Yes	R134a	3"	38F
HGE1000	36"	27"	55"	1000	880	120F	480/3	306	Yes	R134a	3"	38F

# Desiccant Dryers

## Twin Tower Desiccant Dryers

Model	Length Inches	Width Inches	Height Inches	CFM @ 100 Deg Inlet	CFM Req. for Max. Operation	Max Inlet Temp	Voltage	Weight	Purge	Inlet/Outlet	Dew Point 10 Min Cycle	Dew Point 4 Min Cycle	Energy Efficiency Model
HCT-40	32"	32"	46"	40	46	120F	115	365	6CFM	1"	-40	-100	No
HCS-40	32"	32"	46"	40	46	120F	115	365	6CFM	1"	-40	-100	Yes
HCT-60	32"	32"	61"	60	69	120F	115	445	9CFM	1"	-40	-100	No
HCS-60	32"	32"	61"	60	69	120F	115	445	9CFM	1"	-40	-100	Yes
HCT-90	32"	32"	78"	90	103	120F	115	575	13CFM	1"	-40	-100	No
HCS-90	32"	32"	78"	90	103	120F	115	575	13CFM	1"	-40	-100	Yes
HCT-115	38"	44"	54"	115	132	120F	115	685	17CFM	1"	-40	-100	No
HCS-115	38"	44"	54"	115	132	120F	115	685	17CFM	1"	-40	-100	Yes
HCT-165	38"	44"	54"	165	189	120F	115	685	24CFM	1"	-40	-100	No
HCS-165	38"	44"	54"	165	189	120F	115	685	24CFM	1"	-40	-100	Yes
HCT-260	38v	48"	72"	260	298	120F	115	1010	38CFM	2"	-40	-100	No
HCS-260	38"	48"	72"	260	298	120F	115	1010	38CFM	2"	-40	-100	Yes
HCT-370	38"	55"	63"	370	424	120F	115	1215	54CFM	2"	-40	-100	No
HCS-370	38"	55"	63"	370	424	120F	115	1215	54CFM	2"	-40	-100	Yes
HCT-450	38"	55"	71"	450	515	120F	115	1350	65CFM	2"	-40	-100	No
HCS-450	38"	55"	71"	450	515	120F	115	1350	65CFM	2"	-40	-100	Yes
HCT-590	48"	52"	101"	590	675	120F	115	1473	85CFM	2"	-40	-100	No
HCS-590	48"	52"	101"	590	675	120F	115	1473	85CFM	2"	-40	-100	Yes
HCT-750	48"	54"	104"	750	858	120F	115	2134	108CFM	2"	-40	-100	No
HCS-750	48"	54"	104"	750	858	120F	115	2134	108CFM	2"	-40	-100	Yes
HCT-930	56"	59"	109"	930	1064	120F	115	2414	134CFM	2"	-40	-100	No
HCS-930	56"	59"	109"	930	1064	120F	115	2414	134CFM	2"	-40	-100	Yes
HCT-1130	56"	63"	112"	1130	1293	120F	115	2875	163CFM	3"	-40	-100	No
HCS-1130	56"	63"	112"	1130	1293	120F	115	2875	163CFM	3"	-40	-100	Yes

## Wall Mount Desiccant Dryers

Model	Length Inches	Width Inches	Height Inches	CFM @ 100 Deg. Inlet	CFM Req. for Max. Operation	Max Inlet Temp	Voltage	Weight	Purge	Inlet/Outlet	Dew Point 10 Min Cycle	Dew Point 4 Min Cycle
WM10	22.9"	7"	30.5"	10	11	120F	115	37	1 cfm	1/2"	-40	-100
WM15	22.9"	7"	30.5"	15	17	120F	115	54	2 cfm	1/2"	-40	-100
WM25	22.9"	7"	30.5"	25	30	120F	115	89	5 cfm	1/2"	-40	-100



# Refrigerated Dryer Sizing

## Recommended Refrigerated dryer Sizing

5-7.5HP Reciprocating/Piston Compressor-HG25

10HP Reciprocating/Piston Compressor-HG35

15HP Reciprocating/Piston Compressor-HG50

20HP Reciprocating/Piston Compressor-HG75

25HP Reciprocating/Piston Compressor-HG100

30HP Reciprocating/Piston Compressor-HG100

5-7.5HP Rotary Screw Compressor-HG25

10HP Rotary Screw Compressor-HG35

15HP Rotary Screw Compressor-HG75

20HP Rotary Screw Compressor-HG75

25HP Rotary Screw Compressor-HG100

30HP Rotary Screw Compressor-HG125

40HP Rotary Screw Compressor-HG150

50HP Rotary Screw Compressor-HG200

60HP Rotary Screw Compressor-HG250

75HP Rotary Screw Compressor-HG300

100HP Rotary Screw Compressor-HG500

(All refrigerated air dryers come standard with electronic timed auto drain)

## Recommended Filter/Regulator/Coalescing Sizing

5-7.5HP Compressor- $\frac{1}{2}$  inch

10HP Compressor- $\frac{3}{4}$  inch

15HP Compressor- $\frac{3}{4}$  inch

20HP Compressor- $\frac{3}{4}$  inch

25HP Compressor- $\frac{3}{4}$  inch

30HP Compressor- $\frac{3}{4}$  inch

40HP Compressor- 1 inch

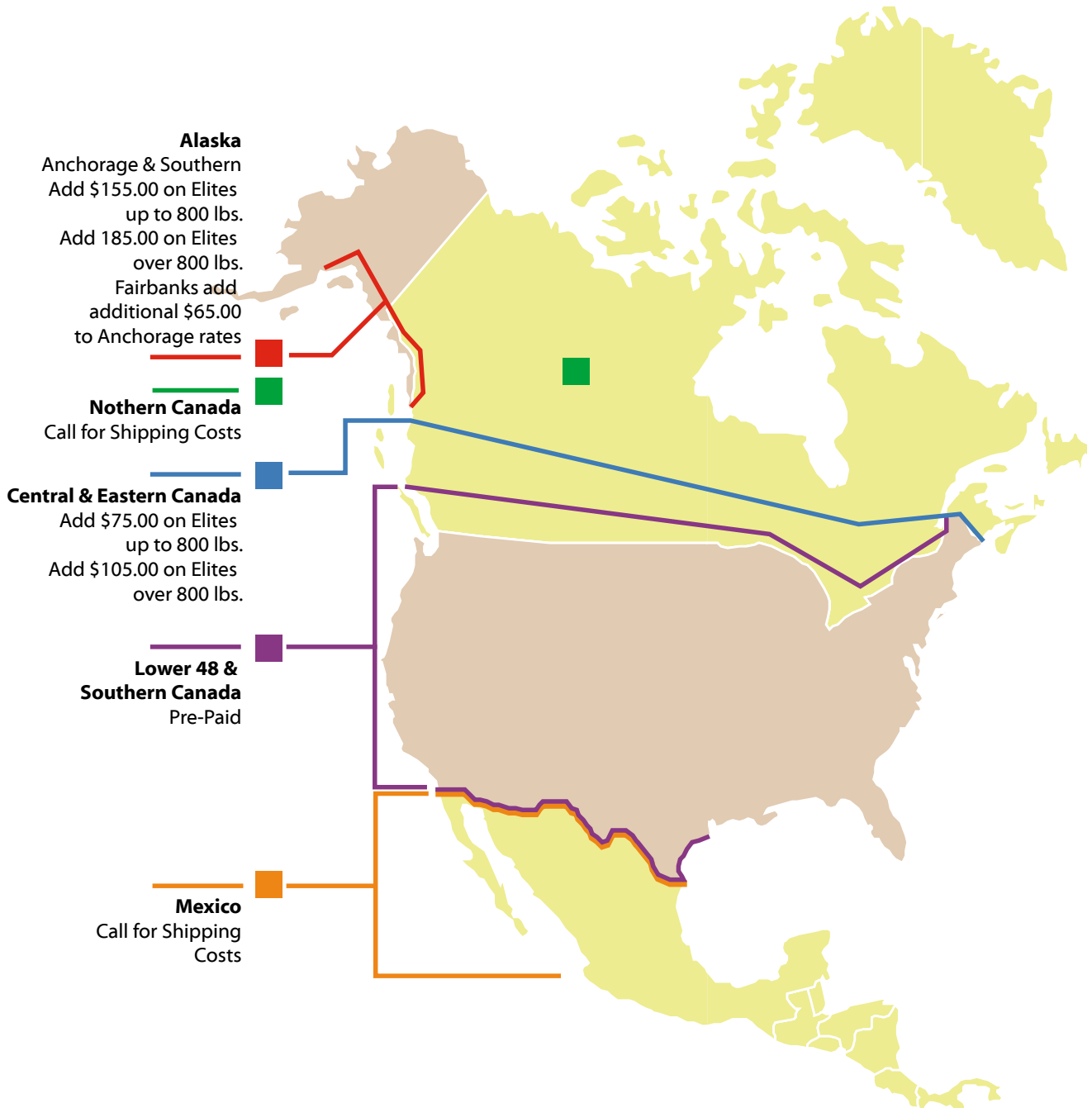
50HP Compressor- 1  $\frac{1}{4}$  inch

60HP Compressor- 1  $\frac{1}{4}$  inch

75HP Compressor- 1  $\frac{1}{2}$  inch

100HP Compressor – 2 inch

# Shipping



## Shipping Terms

- Elite Prepaid anywhere in lower 48 states, and southern Canada (Vancouver, Calgary, Toronto, Saskatoon, Winnipeg) See Map
- Basic unit call for shipping price
- Basic units- 2 or more units prepaid anywhere in the lower 48 states, and southern Canada (Vancouver, Calgary, Toronto, Saskatoon, Winnipeg) See Map
- Edmonton, Montreal, Ottawa south eastern Canada. Add \$75.00 on Elites up to 800lbs. add \$105.00 on Elites over 800lbs. (same applies to Basics shipped at least 2 at a time)
- Alaska- Anchorage and southern destinations. Add \$155.00 on Elites up to 800lbs., add \$185.00 on Elites over 800lbs.
- Fairbanks add an additional \$65 to Anchorage rate.
- Call for container shipping prices to Europe, Asia, South Pacific, Australia Africa and South America.



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