

Summary

	Max Total Units	*If All Splits, No Rack Units	**If Only FW, AC Splits	
1000	52	28	28	
2000	87	59	35	
3000	61	33	15	
4000	61	33	15	
Totals	261	153	93	
***Costs	\$1,957,500.00	\$1,147,500.00	\$697,500.00	

Notes:

- added several refrigerants
- removed bins from analysis
- removed R-22 from list
- 1000lb, no Glycol, CO2 or ammonia
- Seawater R-404A only
- * includes seawater units
- ** no seawater units included
- *** Costs = (total units) X (estimate of \$7500 per unit)

1000lb, air cooled split systems, fresh water

Refrig	Voltage	Cond Unit	IF-CU Combos
2	4	5	28

References

Refrig	Voltage	C-U type	Compressor HP
R-404A	208/1/60	Hermetic SA	2.5
R-507	230/1/60	Hermetic MA	2.5
	208/3/60	SemiHerm SA	1.5
	230/3/60	SemiHerm MA	1.5
		SemiHerm HA	1.5

1000lb, remote rack systems, fresh water

Refrig/system	Voltage	Combos
12	2	24

References

Refrig/system	Voltage IF only
R-404A	208/1/60
R-507	230/1/60
R-407A	
R-407C	
R-407F	
R-422D	
R-402A	
R-408A	
R-409A	
CO2 DX	
CO2 Secondary	
Glycol	

Total 52

2000lb, air cooled split systems, fresh water

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	5		5	35

References

Refrig	Comp HP	Voltage	C-U type
R-404A		5 208/1/60	Hermetic SA
R-507		5 230/1/60	Hermetic MA
		3.5 208/3/60	SemiHerm SA
		3.5 230/3/60	SemiHerm MA
		3.5 460/3/60	SemiHerm HA

2000lb, water cooled split systems, fresh water

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	5		1	15

References

Refrig	Voltage	C-U type
R-404A	208/1/60	water cooled
R-507	230/1/60	
	208/3/60	
	230/3/60	
	460/3/60	

2000lb, water cooled split systems, seawater

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	3		1	9

References

Refrig	Voltage	C-U type
R-404A	208/3/60	water cooled
R-507	230/3/60	
	460/3/60	

2000lb, remote rack systems, fresh water

Refrig/system	Voltage	Combos	
14	2		28

References

Refrig/system	Voltage IF only
R-404A	208/1/60
R-507	230/1/60
R-407A	

R-407C
R-407F
R-422D
R-402A
R-408A
R-409A
CO2 DX
CO2 Secondary
Glycol
R-717 Flooded
R-717 Recirc

Total

87

3000lb, air cooled split systems, fresh water

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	3		3	15

References

Refrig	Comp HP	Voltage	C-U type
R-404A	6	208/3/60	SemiHerm SA
R-507	6	230/3/60	SemiHerm MA
	6	460/3/60	SemiHerm HA

3000lb, water cooled split systems, fresh water

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	3		1	9

References

Refrig	Voltage	C-U type
R-404A	208/3/60	water cooled
R-507	230/3/60	
	460/3/60	

3000lb, water cooled split systems, seawater

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	3		1	9

References

Refrig	Voltage	C-U type
R-404A	208/3/60	water cooled
R-507	230/3/60	
	460/3/60	

3000lb, remote rack systems, fresh water

Refrig/system		Voltage	Combos	
	14	2		28

References

Refrig/system	Voltage IF only
R-404A	208/1/60
R-507	230/1/60
R-407A	
R-407C	
R-407F	
R-422D	
R-402A	

R-408A
R-409A
CO2 DX
CO2 Secondary
Glycol
R-717 Flooded
R-717 Recirc

Total **61**

4000lb, air cooled split systems, fresh water

Refrig		Voltage	Cond Unit	IF-CU Combos	
	2	3		3	15

References

Refrig	Comp HP	Voltage	C-U type
R-404A	6	208/3/60	SemiHerm SA
R-507	6	230/3/60	SemiHerm MA
	6	460/3/60	SemiHerm HA

4000lb, water cooled split systems, fresh water

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R-507	230/3/60	
	460/3/60	

4000lb, water cooled split systems, seawater

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	460/3/60	

4000lb, remote rack systems, fresh water

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R-407C	
R-407F	
R-422D	
R-402A	

R-408A
R-409A
CO2 DX
CO2 Secondary
Glycol
R-717 Flooded
R-717 Recirc

Total **61**