



Preliminary----RVCP30 Specifications

Medium Temp Reach-In

Energy Data	LINE-UP DATA	INDIVIDUAL CASE DATA				
	Per Door Avg M.T.	2-Dr M.T.	3-Dr M.T.	4-Dr M.T.	5-Dr M.T.	
Refrigeration						
Evaporator Temperature (°F)	+20	+20	+20	+20	+20	
Baseline Evaporator Btuh ^{1,2,3,5}	930	2,370	3,120	3,910	4,630	
Discharge Air Temp. (°F) (with 8°F Superheat)	33	33	33	33	33	
Btuh Adders	Btuh	Btuh	Btuh	Btuh	Btuh	
Anthony 101NT Low-Energy Doors	140	280	420	560	700	
Gemtron Tundra No-Energy Doors	120	240	360	480	600	
Standard Solid End Panel	See Example	50	50	50	50	
Optional Glass-Windowed End Panel	Below	410	410	410	410	
Fan Motors (115V) ⁴	Amps Watts	Amps Watts	Amps Watts	Amps Watts	Amps Watts	
Shaded Pole Motor	0.96 40	2.40 101	3.20 140	4.00 163	4.80 202	
Lighting System (115V) ⁴	Amps Watts	Amps Watts	Amps Watts	Amps Watts	Amps Watts	
T-8 Electronic	0.58 70	1.45 174	1.94 233	2.42 290	2.91 349	
Anti-Sweat Door Heaters (115V) ⁴	Amps Watts	Amps Watts	Amps Watts	Amps Watts	Amps Watts	
Anthony 101NT Low-Energy Doors ^{2,5}	0.54 63	1.32 152	1.75 201	2.29 263	2.72 313	
Anthony ELM No-Energy Doors ^{2,5}	0.42 49	1.08 124	1.39 160	1.81 208	2.12 244	
Gemtron Tundra No-Energy Doors ^{2,5}	0.46 53	0.90 104	1.37 158	1.84 212	2.30 265	

Notes:

1. Baseline Evaporator Btuh based on parallel rack system, T-8 lighting, shaded pole fan motors, Anthony ELM no-energy doors and no end panels.
2. Door Options: No-Energy = No-Heat Glass and No-Heat Rails; Low-Energy = No-Heat Glass and Heated Rails.
3. For condensing units (non-rack system), multiply total Btuh rating by 1.06.
4. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
5. Optional glass heat is available on Anthony 101NT and Gemtron Tundra doors.

Sample Btuh Calculation: 20 door line-up with shaded pole fan motors and Anthony 101NT low-energy doors		
Baseline Evaporator Btuh + Anthony 101NT Low-Energy Doors = Btuh/Dr 930 + 140 = 1070 Btuh/Dr	Btuh/Dr X # of doors = Subtotal 1070 X 20 doors = 21,400 Btuh	Subtotal + 2 end panels = Total Btuh 21,400 + (2 x 50) = 21,500 Total Btuh

Physical Data

Refrigeration Piping	Outlet Size (in)	Number of Doors	Weight (lbs)	Case Capacity	
			RVCP30	Facings (ft ²)	Packout (ft ³)
Liquid Line O.D.	3/8	2-Dr	675	30.6	64
Suction Line O.D.	5/8	3-Dr	925	45.6	96
Note: There are 2 suction lines & 2 liquid lines on the 5 door model.		4-Dr	1,235	60.6	127
		5-Dr	1,575	75.6	159
		Solid End Panel	30	N/A	N/A

Case designed to operate in an ambient temperature of 75° F or lower and relative humidity of 55% or lower.

Specifications are subject to change without notice.