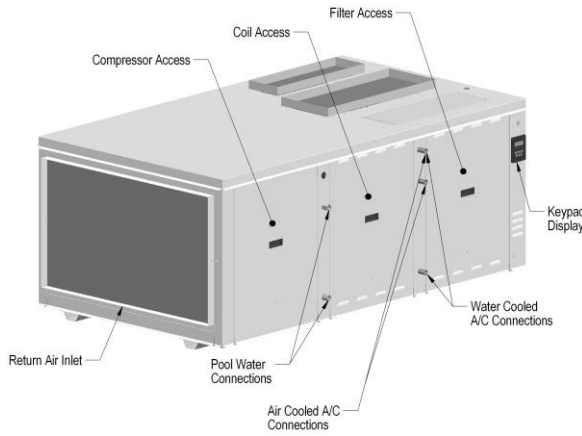




Specifications



Nominal Air Flow (CFM)	2500
Std Motor Air Flow Range (CFM)	1875-3400
ESP (in.)	1
Std Outdoor Air Flow (CFM)	375
Unit Weight (lbs)	700
Outdoor Condenser	NC-005
Max Line Length (ft)	50
Hot Gas Line (in.)	7/8
Liquid Line (in.)	5/8
R-410A Field Charge (lbs)	38
Pool Heating:	
GPM / ΔP (PSI)	10 / 5
Connection (FPT) (in.)	3/4
Pool Heating (MBH)	45
Water Cooled AC:	
GPM / ΔP (PSI)	15 / 6
Connection (OD) (in.)	7/8
Heat Reject (MBH)	76.1

*Table generated at 82F/60%RH. Condenser sized for 95F ambient

Unit Electrical

Component Rating	Unit Available Voltages			
	208-230V/1ph	208-230V/3ph	460V/3ph	575V/3ph
Std Motor HP	1.7	2.5	3.1	3.1
Std Motor FLA	5.4	5.6	2.9	2.4
Compressor TR	5.0	5.0	5.0	5.0
Compressor RLA	30.1	20.5	9.6	7.6
Compressor LRA	158.0	155.0	75.0	54
Unit MCA	44.0	32.0	15.0	12.0
Unit MOP	70.0	50.0	20.0	20.0

Standard Features:

- CommandCenter microprocessor control;
- WebSentry Internet monitoring;
- EC Motor Standard;
- Corrosion protected coils and cabinet;
- Service vestibule compressor out of airstream;
- Multiple supply orientations;
- Two side access;
- Cabinet designed to fit through 32" doorway.

Performance

Room [°F]	50% RH			60% RH		
	MRC [Lb/h]	Sensible [btu/h]	Sensible2* [btu/h]	MRC [Lb/h]	Sensible [btu/h]	Sensible2* [btu/h]
78	18.6	34,600	41,900	24.1	31,600	37,400
80	19.9	34,800	42,200	25.6	31,600	37,500
82	21.2	34,900	42,400	27.1	31,600	37,500
84	22.5	35,000	42,600	28.7	31,600	37,500
86	23.9	35,000	42,700	30.3	31,500	37,300
88	25.3	35,100	42,800	31.9	31,400	37,300

*Sensible2 is stage 2 cooling mode with ~ 15% increased sensible cooling and ~ 3% reduction in latent capacity cooling

Options:

- Unit mounted space heating;
- Pool water heating;
- BMS interface _BacNet IP, Modbus or LonWorks;
- Outdoor Cabinet with integral air cooled condenser;
- Air conditioning mode: air cooled or fluid cooled;
- Remote CommandCenter panel;
- Motorized OA damper with occupied schedule;
- Mirror Cabinet configuration;
- Higher airflows or air pressure capacities;
- Multiple simultaneous supply outlets;
- Extended warranties.