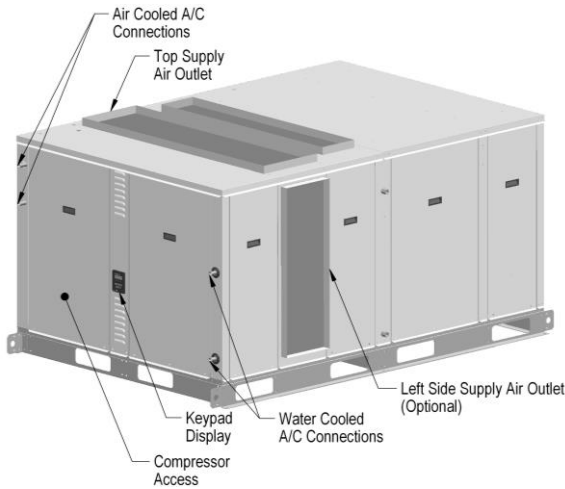


Specifications



Nominal Air Flow (CFM)	8000
Std Motor Air Flow Range (CFM)	5850-8000
Min-Max Air Flow (possible blower and motor change) (CFM)	5850-8000
ESP (in.)	1
Std Outdoor Air Flow (CFM)	1200
Unit Weight (lbs)	1500
Outdoor Condenser	NC-016
Max Line Length (ft)	50
Hot Gas Line (in.)	1 1/8
Liquid Line (in.)	7/8
R-410A Field Charge (lbs)	113
Pool Heating:	
GPM / ΔP (PSI)	25 / 6
Connection (FPT) (in.)	1
Pool Heating (MBH)	144
Water Cooled AC:	
GPM / ΔP (PSI)	48 / 6
Connection (OD) (in.)	1 3/8
Heat Reject (MBH)	240.2

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

Unit Electrical

Component Rating	Unit Available Voltages		
	208-230V/3ph	460V/3ph	575V/3ph
Std Motor HP	7.5	7.5	7.5
Std Motor FLA	23.2	13.5	10.5
Compressor TR	16.0	16.0	16.0
Compressor RLA	53	23.7	23.3
Compressor LRA	425.0	187.0	148.0
Unit MCA	90.0	44.0	40.0
Unit MOP	125.0	60.0	60.0

Standard Features:

- CommandCenter microprocessor control;
- WebSentry Internet monitoring;
- Direct drive plug fan;
- Corrosion protected coils and cabinet;
- Service vestibule compressor out of airstream;
- Multiple supply orientations;
- Two side access;
- Manual balancing damper for outdoor air.

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	58.9	109,200	132,400	76.3	99,900	118,100
80	63.0	109,900	133,200	80.7	99,800	118,300
82	67.0	110,300	133,800	85.6	99,800	118,400
84	71.0	110,400	134,400	90.6	99,700	118,300
86	75.4	110,600	134,800	95.7	99,600	117,900
88	79.9	110,800	135,000	100.8	99,100	117,900

*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.