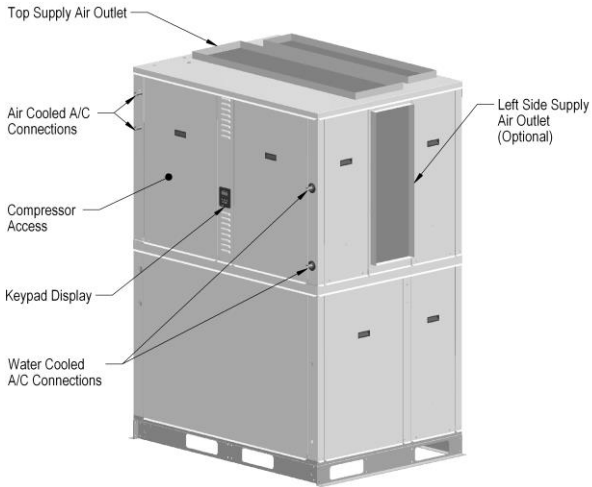


Specifications



Nominal Air Flow (CFM)	3800
Std Motor Air Flow Range (CFM)	2850-4000
Min-Max Air Flow (possible blower and motor change) (CFM)	2850-5500
ESP (in.)	1
Std Outdoor Air Flow (CFM)	575
Unit Weight (lbs)	1100
Outdoor Condenser	NC-008
Max Line Length (ft)	50
Hot Gas Line (in.)	3/4
Liquid Line (in.)	5/8
R-410A Field Charge (lbs)	46
Pool Heating:	
GPM / ΔP (PSI)	12 / 4
Connection (FPT) (in.)	1
Pool Heating (MBH)	72
Water Cooled AC:	
GPM / ΔP (PSI)	19 / 6
Connection (OD) (in.)	1 1/8
Heat Reject (MBH)	137.4

*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	2.5	3.1	3.1
Std Motor FLA	5.6	2.9	2.4
Compressor TR	8.0	8.0	8.0
Compressor RLA	30.1	16.7	12.2
Compressor LRA	225.0	114.0	80.0
Unit MCA	44.0	24.0	18.0
Unit MOP	70.0	40.0	30.0

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	33.7	62,500	75,800	43.6	57,200	67,600
80	36.0	62,900	76,200	46.2	57,100	67,700
82	38.3	63,100	76,600	48.9	57,100	67,700
84	40.6	63,100	76,900	51.8	57,000	67,700
86	43.1	63,300	77,100	54.7	57,000	67,500
88	45.7	63,400	77,200	57.6	56,700	67,400

*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.