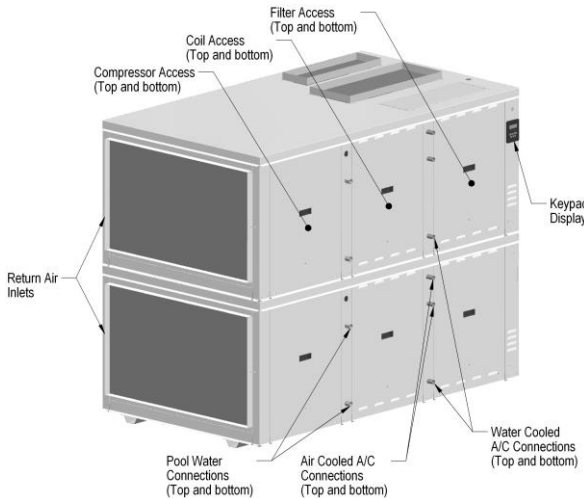


Specifications



Nominal Air Flow (CFM)	5000
Std Motor Air Flow Range (CFM)	4000-6800
ESP (in.)	1
Std Outdoor Air Flow (CFM)	750
Unit Weight (lbs)	1600
Outdoor Condenser	NC-210
Max Line Length (ft)	50
Hot Gas Line (in.)	(2X) 7/8
Liquid Line (in.)	(2X) 5/8
R-410A Field Charge (lbs)	(2X) 38
Pool Heating:	
GPM / ΔP (PSI)	18 / 6
Connection (FPT) (in.)	(4X) 3/4
Pool Heating (MBH) (2 HX piped in parallel)	87
Water Cooled AC:	
GPM / ΔP (PSI)	30 / 6
Connection (OD) (in.)	(4X) 7/8
Heat Reject (MBH) (2 HX piped in parallel)	160.2

*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	(2X) 1.7	(2X) 2.5	(2X) 3.1	(2X) 3.1
Std Motor FLA	(2X) 5.4	(2X) 5.6	(2X) 2.9	(2X) 2.4
Compressor TR	(2X) 5.0	(2X) 5.0	(2X) 5.0	(2X) 5.0
Compressor RLA	(2X) 30.1	(2X) 20.5	(2X) 9.6	(2X) 7.6
Compressor LRA	(2X) 158	(2X) 155	(2X) 75	(2X) 54
Unit MCA	89.0	58.0	28.0	22.0
Unit MOP	110.0	70.0	35.0	25.0

Standard Features:

- 2 independent circuits;
- Microprocessor controller;
- 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.

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	37.2	69,200	83,800	48.2	63,200	74,800
80	39.8	69,600	84,400	51.2	63,200	75,000
82	42.4	69,800	84,800	54.2	63,200	75,000
84	45.0	70,000	85,200	57.4	63,200	75,000
86	47.8	70,000	85,400	60.6	63,000	74,600
88	50.6	70,200	85,600	63.8	62,800	74,600

*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.