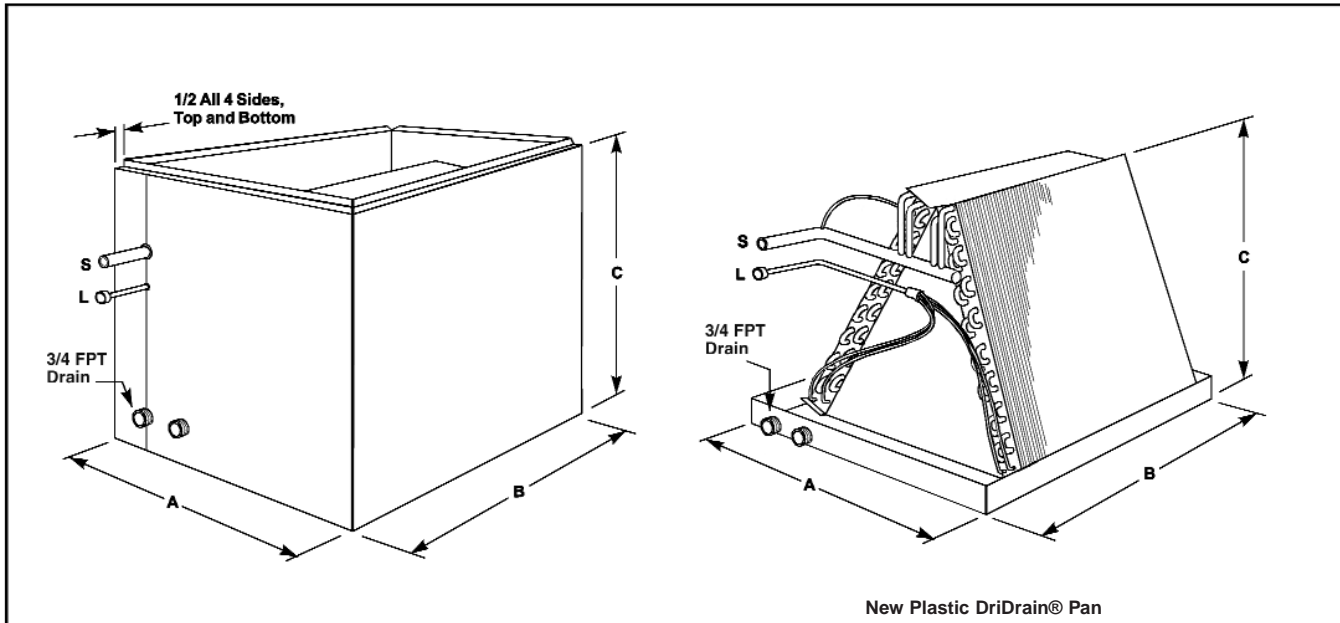


## Clean Air® Coils with DriDrain® Polymer Pans



### Features:

- Superior's unique CleanAir® Coil design technology
- Innovative DriDrain® plastic drain pans are UV resistant, heat resistant up to 450° F and the antimicrobial additives eliminate fungus, mold & bacteria.
- Durable, fully insulated, G-90 embossed galvanized cabinets
- Two 3/4" female pipe thread drain connections

### Metering Device Options:

- Aeroquip or Chatleff flow control check valves (FCCV) - available with standard piston. Superior's FCCVs allow interchangeability with some key OEM pistons to maximize performance.
- Non-bleed thermal expansion valves for R-22 and 410-A (NTXV)



### Dimensions-Cased

Model	Width A	Depth B	Height C	Suction S, OD Copper	Liquid L, Flare Nut
V2S01814	14-3/16	21-1/2	14-1/2	5/8	3/8
V2S02414	14-3/16	21-1/2	14-1/2	5/8	3/8
V2S03014	14-3/16	21-1/2	16-1/2	3/4	3/8
V2S03617	17-1/2	21-1/2	20-1/2	3/4	3/8
V2S04221 V2S14821	21	21-1/2	21-3/4	3/4	3/8
V2S14221	21	21-1/2	20-1/2	3/4	3/8
V2S04821	21	21-1/2	25-3/4	3/4	3/8
V2S06024 V2S16024	24-1/2	21-1/2	25-3/4	7/8	3/8

### Dimensions-Uncased

Model	Width A	Depth B	Height C	Suction S, OD Copper	Liquid L, Flare Nut
V2S01814-UN	13-5/16	19	10-7/8	5/8	3/8
V2S02414-UN	13-5/16	19	12-7/8	5/8	3/8
V2S03014-UN	13-5/16	19	14-7/8	3/4	3/8
V2S03617-UN	17-1/16	19	18-7/8	3/4	3/8
V2S04221-UN V2S14821-UN	19-3/4	19	20-7/8	3/4	3/8
V2S14221-UN	19-3/4	19	18-7/8	3/4	3/8
V2S04821-UN	19-3/4	19	24-7/8	3/4	3/8
V2S06024-UN	23-3/4	21-1/4	24-7/8	7/8	3/8
V2S16024-UN	23-3/4	19	24-7/8	7/8	3/8



**Gross Capacities and Coil Static Pressure Drops**

V2S01814	Model		<b>400</b>	<b>500</b>	<b>600</b>	<b>700</b>
	Air Quantity (cfm)					
	Total Heat (mbtuh)		18.9	21.7	23.9	25.9
	Sensible Heat (mbtuh)		12.1	14.1	16.0	17.6
	ASPD (Wet/Dry)		0.060/0.045	0.085/0.064	0.113/0.092	0.145/0.119
V2S02414	Air Quantity (cfm)		<b>600</b>	<b>700</b>	<b>800</b>	<b>900</b>
	Total Heat (mbtuh)		26.0	28.3	30.3	32.1
	Sensible Heat (mbtuh)		17.0	18.8	20.5	22.1
	ASPD (Wet/Dry)		0.085/0.069	0.108/0.087	0.134/0.104	0.162/0.125
V2S03014	Air Quantity (cfm)	<b>700</b>	<b>800</b>	<b>900</b>	<b>1000</b>	<b>1100</b>
	Total Heat (mbtuh)	30.3	32.6	34.7	36.6	38.3
	Sensible Heat (mbtuh)	19.8	21.6	23.4	25.0	26.5
	ASPD (Wet/Dry)	0.085/0.074	0.105/0.090	0.127/0.107	0.150/0.131	0.174/0.145
V2S03617	Air Quantity (cfm)	<b>900</b>	<b>1000</b>	<b>1100</b>	<b>1200</b>	<b>1300</b>
	Total Heat (mbtuh)	39.0	41.3	43.5	45.5	47.3
	Sensible Heat (mbtuh)	25.4	27.3	29.1	30.7	32.3
	ASPD (Wet/Dry)	0.085/0.074	0.100/0.085	0.117/0.102	0.134/0.115	0.152/0.129
V2S04221	Air Quantity (cfm)	<b>1100</b>	<b>1200</b>	<b>1300</b>	<b>1400</b>	<b>1500</b>
	Total Heat (mbtuh)	45.7	47.9	49.9	51.8	53.5
	Sensible Heat (mbtuh)	30.1	31.9	33.6	35.2	36.8
	ASPD (Wet/Dry)	0.099/0.083	0.113/0.092	0.129/0.104	0.145/0.121	0.162/0.129
V2S14221	Air Quantity (cfm)	<b>1100</b>	<b>1200</b>	<b>1300</b>	<b>1400</b>	<b>1500</b>
	Total Heat (mbtuh)	43.5	45.5	47.3	49.0	50.5
	Sensible Heat (mbtuh)	29.1	30.7	32.3	33.9	35.3
	ASPD (Wet/Dry)	0.117/0.099	0.134/0.110	0.152/0.123	0.171/0.142	0.191/0.152
V2S04821	Air Quantity (cfm)	<b>1400</b>	<b>1500</b>	<b>1600</b>	<b>1700</b>	<b>1800</b>
	Total Heat (mbtuh)	56.6	58.7	60.6	62.5	64.2
	Sensible Heat (mbtuh)	37.6	39.3	41.0	42.6	44.1
	ASPD (Wet/Dry)	0.108/0.087	0.121/0.096	0.134/0.109	0.148/0.119	0.162/0.129
V2S14821	Air Quantity (cfm)	<b>1400</b>	<b>1500</b>	<b>1600</b>	<b>1700</b>	<b>1800</b>
	Total Heat (mbtuh)	51.8	53.5	55.1	56.6	58.1
	Sensible Heat (mbtuh)	35.2	36.8	38.3	39.7	41.1
	ASPD (Wet/Dry)	0.145/0.117	0.162/0.128	0.179/0.146	0.197/0.159	0.216/0.172
V2S06024	Air Quantity (cfm)	<b>1600</b>	<b>1700</b>	<b>1800</b>	<b>1900</b>	<b>2000</b>
	Total Heat (mbtuh)	67.4	69.7	71.8	73.9	75.8
	Sensible Heat (mbtuh)	44.3	46.1	47.9	49.6	51.2
	ASPD (Wet/Dry)	0.094/0.078	0.104/0.085	0.113/0.091	0.124/0.098	0.134/0.105
V2S16024	Air Quantity (cfm)	<b>1600</b>	<b>1700</b>	<b>1800</b>	<b>1900</b>	<b>2000</b>
	Total Heat (mbtuh)	60.6	62.5	64.2	65.8	67.4
	Sensible Heat (mbtuh)	41.0	42.6	44.1	45.6	47.1
	ASPD (Wet/Dry)	0.134/0.112	0.148/0.121	0.162/0.131	0.176/0.140	0.191/0.150

1. Fan motor heat has not been deducted.

2. All BTUH values are based on standard conditions: 80°/67° entering dry bulb/wet bulb and 45° saturated suction at the coil.

3. Factory authorized counterflow/downflow applications cannot exceed 400 CFM per ton.