

Split System Water Chiller



Indoor Chiller/Tank/Pump Unit



Outdoor Condensing Unit

- Scroll compressors
- Heavy duty tubular frames
- Copper coil evaporator
- Remote control panel includes thermostat and pushbutton on/off switches
- Microprocessor type thermostat with lighted pushbutton control switches
- Two cooling stages and thermostatic control on dual compressor models
- R-22 refrigeration, expansion valves, internal bypass, service valves
- High density polyethylene tank with 1/2" insulation, tank level gauge, and fill port
- High head, cast iron, centrifugal pumps with brass impellers
- Five year compressor warranty, one year pump warranty, 1 year parts warranty

1831 Killingsworth Rd., Augusta, GA 30904
Phone 706.736.5101 Fax 706.736.5104
chillerdepot.com

Split System, Recirculating Chillers With Single Condenser

Indoor Chiller Unit

Model Number	Rated Tons	Power Supply	Tank Cap. (Gal)	Physical Data						Electrical				
				Piping Connections			Refrigerant Connections (in)			Pump Motors		Total Chiller Power Required		
				In	Out	Drn	Liquid Line	Hot Gas Line	Suction Line	HP	FLA Amps	FLA Amps	Min Ckt	Max Fuse
AS0151	1.5	208-230/1/60	19	3/4"	3/4"	3/4"	3/8"	1/2"	3/4"	3/4	4.2	4.2	5.5	7.0
AS0201	2.0	208-230/1/60	25	3/4"	3/4"	3/4"	3/8"	1/2"	3/4"	1.0	6.5	7.5	10	15
AS0301	3.0	208-230/1/60	65	3/4"	3/4"	3/4"	3/8"	1/2"	3/4"	1.0	6.5	7.5	10	15
AS0303	3.0	208-230/3/60	65	3/4"	3/4"	3/4"	3/8"	1/2"	3/4"	1.0	6.5	5.2	10	10
AS0401	4.0	208-230/1/60	65	1"	1"	3/4"	3/8"	1/2"	7/8"	1.5	9.5	10.5	15	15
AS0403	4.0	208-230/3/60	65	1"	1"	3/4"	3/8"	1/2"	7/8"	1.5	4.7	5.7	10	10
AS0501	5.0	208-230/1/60	65	1"	1"	3/4"	3/8"	1/2"	7/8"	1.5	9.5	10.5	15	15
AS0503	5.0	208-230/3/60	65	1"	1"	3/4"	3/8"	1/2"	7/8"	1.5	4.7	5.7	10	10
AS0633	6.3	208-230/3/60	65	1-1/4"	1-1/4"	3/4"	1/2"	5/8"	1-1/8"	1.5	4.7	5.7	10	10
AS0634	6.3	460/3/60	65	1-1/4"	1-1/4"	3/4"	1/2"	5/8"	1-1/8"	1.5	3.3	3.2	4.2	5.0
AS0753	7.5	208-230/3/60	75	1-1/4"	1-1/4"	3/4"	5/8"	5/8"	1-1/8"	2.0	4.7	6.0	7.8	10
AS0754	7.5	460/3/60	75	1-1/4"	1-1/4"	3/4"	5/8"	5/8"	1-1/8"	2.0	3.3	3.2	4.2	5.0
AS1003	10.0	208-230/3/60	75	1-1/2"	1-1/2"	3/4"	5/8"	5/8"	1-3/8"	2.0	6.6	6.8	8.8	10
AS1004	10.0	460/3/60	75	1-1/2"	1-1/2"	3/4"	5/8"	5/8"	1-3/8"	2.0	3.3	3.4	4.4	5.0
AS1253	12.5	208-230/3/60	75	1-1/2"	1-1/2"	3/4"	5/8"	5/8"	1-3/8"	2.0	6.6	7.6	10	12
AS1254	12.5	460/3/60	110	1-1/2"	1-1/2"	3/4"	5/8"	5/8"	1-3/8"	2.0	3.3	4.3	7.0	7.0
AS1503	15.0	208-230/3/60	110	1-1/2"	1-1/2"	3/4"	7/8"	5/8"	1-5/8"	3.0	4.2	8.0	10.4	12
AS1504	15.0	460/3/60	110	1-1/2"	1-1/2"	3/4"	7/8"	5/8"	1-5/8"	3.0	3.4	4.0	5.2	6.0
AS2003	20.0	208-230/3/60	160	2"	2"	3/4"	7/8"	5/8"	1-5/8"	3.0	4.2	8.0	10.4	12
AS2004	20.0	460/3/60	160	2"	2"	3/4"	7/8"	5/8"	1-5/8"	3.0	3.4	4.0	5.2	6.0

Indoor unit Size and Weights

Model Size	Dimensions			Shipping Weight	Operating Weight
	D	W	H		
1.5 Ton	24"	30"	30"	165	600 lbs.
2 Ton	24"	30"	30"	165 lbs.	600 lbs.
3 Ton	36"	36"	30"	175 lbs.	625 lbs.
4 Ton	42"	36"	50"	185 lbs.	625 lbs.
5 Ton	42"	36"	50"	185 lbs.	635 lbs.
6 Ton	42"	36"	50"	200 lbs.	650 lbs.
7.5 Ton	42"	36"	50"	200 lbs.	650 lbs.
10.0 Ton	48"	48"	48"	300 lbs.	750 lbs.
15 Ton	48"	48"	48"	400 lbs.	850 lbs.
20 Ton	48"	48"	48"	550 lbs.	1000 lbs.

Split System, Recirculating Chillers With Two Condensers

Indoor Chiller Unit

Model Number	Rated Tons	Power Supply	Tank Cap. (Gal)	Physical Data						Electrical				
				Piping Connections			Two Each Refrigerant Connections (in)			Pump Motors		Total Chiller Power Required		
				In	Out	Drn	Liquid Line	Hot Gas	Suction Line	HP	FLA Amps	FLA Amps	Min Ckt	Max Fuse
AS0601-2	6.0	208-230/60/1	65	1-1/4"	1-1/4"	3/4"	3/8"	1/2"	3/4"	1.5	4.7	5.7	10	10
AS0603-2	6.0	208-230/60/3	65	1-1/4"	1-1/4"	3/4"	3/8"	1/2"	3/4"	1.5	4.7	5.7	10	10
AS0604-2	6.0	460/60/3	65	1-1/4"	1-1/4"	3/4"	3/8"	1/2"	3/4"	1.5	3.3	4.3	7.5	7.5
AS0801-2	8.0	208-230/60/1	75	1-1/4"	1-1/4"	3/4"	3/8"	1/2"	3/4"	1.5	4.7	5.7	10	10
AS0803-2	8.0	208-230/60/3	75	1-1/4"	1-1/4"	3/4"	3/8"	1/2"	7/8"	1.5	4.7	5.7	7.5	10
AS0804-2	8.0	460/60/3	75	1-1/4"	1-1/4"	3/4"	3/8"	1/2"	7/8"	1.5	3.3	4.3	7.0	7.0
AS1001-2	10.0	208-230/60/1	100	1-1/2"	1-1/2"	3/4"	3/8"	1/2"	7/8"	2.0	6.6	7.6	10	12
AS1003-2	10.0	208-230/60/3	100	1-1/2"	1-1/2"	3/4"	3/8"	1/2"	7/8"	2.0	6.6	7.6	10	12
AS1004-2	10.0	460/60/3	100	1-1/2"	1-1/2"	3/4"	3/8"	1/2"	7/8"	2.0	3.3	4.3	7.0	7.0
AS1263-2	12.5	208-230/60/3	100	1-1/2"	1-1/2"	3/4"	1/2"	5/8"	1-1/8"	2.0	6.6	7.6	10	12
AS1264-2	12.5	460/60/3	100	1-1/2"	1-1/2"	3/4"	1/2"	5/8"	1-1/8"	2.0	3.3	4.3	7.0	7.0
AS1503-2	15.0	208-230/60/3	100	2"	2"	3/4"	5/8"	5/8"	1-1/8"	3.0	4.2	5.2	7.5	10
AS1504-2	15.0	460/60/3	100	2"	2"	3/4"	5/8"	5/8"	1-1/8"	3.0	3.4	4.4	7.0	7.0
AS2003-2	20.0	208-230/60/3	160	2"	2"	3/4"	5/8"	5/8"	1-3/8"	3.0	4.2	5.2	7.5	10
AS2004-2	20.0	460/60/3	160	2"	2"	3/4"	5/8"	5/8"	1-3/8"	3.0	3.4	4.4	7.0	7.0

Indoor Unit Size and Weights

Model Size	Dimensions			Shipping Weight	Operating Weight
	D	W	H		
6.0 Ton	34"	44"	44"	300 lbs.	750 lbs.
8.0 Ton	34"	44"	44"	300 lbs.	750 lbs.
10.0 Ton	34"	44"	44"	400 lbs.	850 lbs.
12.6 Tons	34"	44"	44"	400 lbs.	850 lbs.
15.0 Ton	34"	44"	44"	500 lbs.	950 lbs.
20.0 Ton	34"	44"	44"	650 lbs.	1100 lbs.

Split System, Recirculating Chillers

Outdoor Condensing Unit

Physical Data					Electrical Data								
Cap (Tons)	Power Supply	Refrigerant Connections		Refrig. Charge (oz)	Compressor(s)			Fan Motors			Total Electrical		
		Liq. (in)	Suct. (in)		**Qty	LRA Amps (ea)	FLA Amps (ea)	Qty	H.P. (ea)	Total FLA Amps	FLA Amps	Min Ckt	Max Fuse
1.5	208-230/1/60	3/8"	3/4"	70	1	40.3	7.7	1	1/8	0.5	8.2	10.7	15
2.0	208-230/1/60	3/8"	3/4"	73	1	54	10.4	1	1/8	.75	11.2	14.6	20
3.0	208-230/1/60	3/8"	3/4"	113	1	77	14.4	1	1/5	1.1	15.5	20.2	25
3.0	208-230/3/60	3/8"	3/4"		1	70	10.0	1	1/3	1.4	11.4	14.8	15
4.0	208-230/1/60	3/8"	7/8"	148	1	137	20.2	1	1/5	1.2	21.2	27.6	30
4.0	208-230/3/60	3/8"	7/8"		1	91	12.8	1	1/4	1.4	14.2	18.4	20
5.0	208-230/1/60	3/8"	7/8"	182	1	141	25.3	1	1/3	1.2	24.5	31.9	40
5.0	208-230/1/60	3/8"	7/8"		1	137	18.3	1	1/4	1.4	19.7	25.6	25
6.3	208-230/3/60	1/2"	1-3/8"	317	1	146	19	1	3/4	5.1	27.1	35	40
6.3	460/3/60	1/2"	1-3/8"		1	73	9.5	1	3/4	2.6	15.1	20	20
7.5	208-230/3/60	1/2"	1-3/8"	328	1	190	25.6	1	3/4	3.03	28.7	37.3	40
7.5	460/3/60	1/2"	1-3/8"		1	95	12.8	1	3/4	1.6	14.4	18.7	20
10.0	208-230/3/60	1/2"	1-3/8"	352	1	239	37.8	2	1/4	1.5	39.3	51.1	50
10.0	460/3/60	1/2"	1-3/8"		1	125	17.2	2	1/4	.7	17.9	23.3	25
12.5	208-230/3/60	5/8"	1-3/8"	350	2	156	19	2	3/4	4	45	50	60
12.5	460/3/60	5/8"	1-3/8"		2	70	9	2	3/4	1.8	22.8	30	40
15.0	208-230/3/60	5/8"	1-5/8"	460	2	195	32.1	2	3/4	9.4	73.6	95.7	100
15.0	460/3/60	5/8"	1-5/8"		2	95	16.4	2	3/4	5.0	33.8	43.9	50
20.0	208-230/3/60	7/8"	1-5/8"	660	2	239	42.0	2	1-1/2	9.7	103.7	134.8	150
20.0	460/3/60	7/8"	1-5/8"		2	125	19.2	2	1-1/2	5.0	43.4	56.4	60

Condensing unit Size and Weights

Model Size	Dimensions			Shipping Weight	Operating Weight
	D	W	H		
1.5 Ton	27"	26"	29"	145 lbs.	135 lbs.
2 Ton	28"	27"	29"	145 lbs.	135 lbs.
3 Ton	24"	27"	23"	175 lbs.	175 lbs.
4 Ton	24"	31"	23"	246 lbs.	245 lbs.
5 Ton	31"	31"	30"	268 lbs.	250 lbs.
6.3 Ton	43"	33"	30"	360 lbs.	400 lbs.
7.5 Ton	43"	32"	33"	360 lbs.	400 lbs.
10.0 Ton	61"	47"	33"	430 lbs.	430 lbs.
12.5 Tons	65"	50"	35"	655 lbs.	570 lbs.
15 Ton	80"	41"	41"	920 lbs.	840 lbs.
20 Ton	80"	41"	41"	970 lbs.	930 lbs.