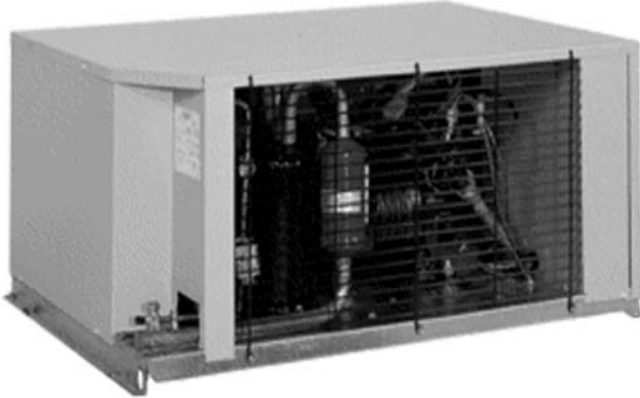




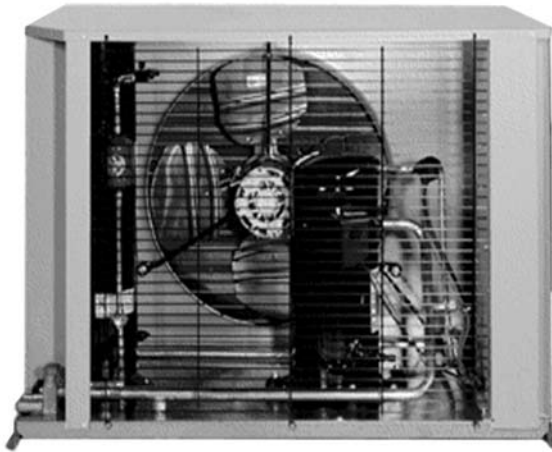
MODULAR REMOTE HIGH SIDE CONDENSING UNITS

Model 1000-6000 RHS Condensing Units

Models 1000-6000 RHS condensing units are all engineered with the correct capacity, components and controls, to match each and every Howe Rapid Freeze Flake Ice Machines. These units are designed for unexcelled quality, reliability, and long life. They are durable, energy efficient and available in a wide variety of refrigerants and electrical voltages.



Model 1000-RHS-AC



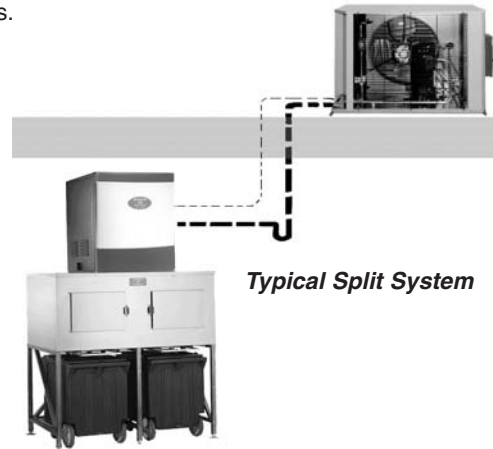
Model 3000-RHS-AC

FEATURES

- Separate high pressure, low pressure control switches
- Electrical controls including compressor contactor and ice flaker interconnect wiring and isolating relay are located in an easily accessible control box with hinged cover.
- Contact points to connect with flaker control panel to monitor low oil pressure, high discharge pressure, low suction pressure (pump-down), and compressor running conditions.
- Suction Accumulator
- Suction Filter
- Oil Separator with oil return line.
- EPR Valve supplied loose with 2000-6000 remote low side ice flakers. (*installed on 1000-RLE*)
- Manual pumpdown switch on condensing unit. (for service adjustment)
- Oversized, heated & insulated receiver. (Std. on cold ambient units, N/A for MA moderate ambient units.
- Oversized condenser
- Epoxy-coated enamel weather hood for superior strength and corrosion protection.
- High-efficiency Copeland compressors.
- Thermally protected permanently lubricated ball bearing condenser fan motors.
- Head pressure control system
- Suction & liquid vibration eliminators.
- Liquid line filter-drier and sight glass.
- R-22 units include "Demand Cooling"
- Discus compressors have "Sentronic" oil control.
- Crank case heater

OPTIONAL FEATURES

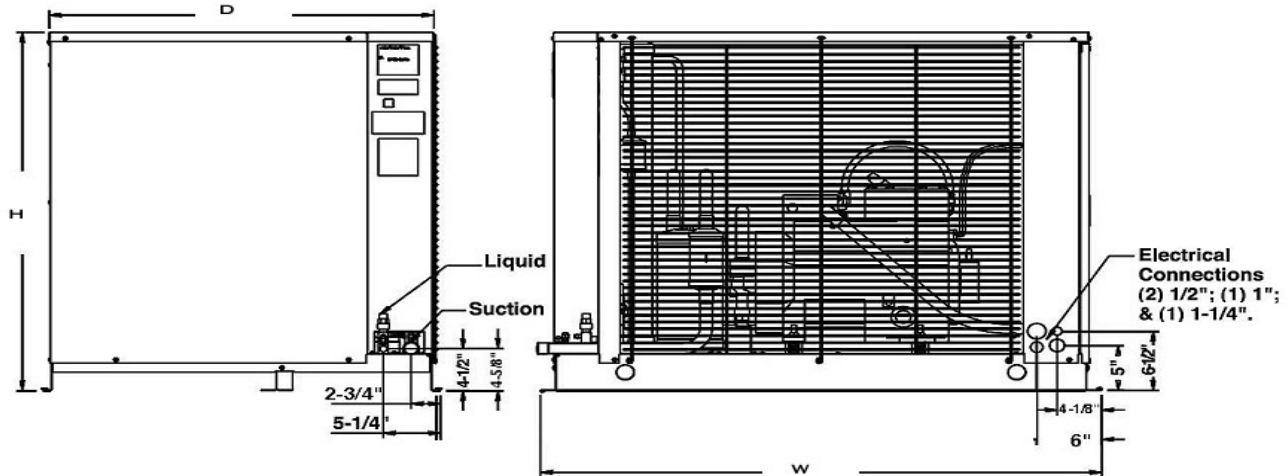
- Coated condenser coils for harsh environments.
- Oversized condensing units rated for 110°F ambient conditions.



Typical Split System



Model 1000-6000RHS A/C RAPID FREEZE



CONDENSING UNIT INFORMATION

	Model No.	Dimensions						Condensing Unit Connections		Required Run Line Sizes		Rec. Cap 90%	Shipping Weight	
		Inches			Centimeters			Suction	Liquid	Suction	Liquid	Lbs.	Lbs.	Kg.
		W	D	H	W	D	H							
R-404A (60 cycle)	1001-RHS	37-3/4	28-1/4	17-1/4	95.89	71.75	43.82	7/8	3/8	7/8	3/8	9	208	94
	2001-RHS	42-1/2	30-1/4	29-3/4	107.95	76.84	75.57	1-1/8	1/2	1-1/8	1/2	20	313	142
	3000-RHS	42-1/2	30-1/4	29-3/4	107.95	76.84	75.57	1-1/8	1/2	1-3/8	1/2	20	317	144
	4000-RHS	51-3/4	36-3/4	39-1/4	131.44	93.35	99.70	1-1/8	1/2	1-3/8	1/2	28	751	341
	6000-RHS	63-3/4	36-3/4	39-1/4	161.93	93.35	99.70	1-3/8	5/8	1-5/8	5/8	67	1030	468
R-22 (60 cycle)	1000-RHS	37-3/4	28-1/4	17-1/4	95.89	71.75	43.82	7/8	3/8	7/8	3/8	10	298	135
	2000-RHS	42-1/2	30-1/4	29-3/4	107.95	76.84	75.57	1-1/8	1/2	1-1/8	1/2	20	307	139
	3000-RHS	51-3/4	36-3/4	39-1/4	131.44	93.35	99.70	1-1/8	1/2	1-3/8	1/2	33	741	336
	4000-RHS	51-3/4	36-3/4	39-1/4	131.44	93.35	99.70	1-1/8	1/2	1-3/8	1/2	33	781	355
	6000-RHS	63-3/4	36-3/4	39-1/4	161.93	93.35	99.70	1-3/8	5/8	1-5/8	5/8	78	1030	468

ELECTRICAL SPECS R-404A

Voltage	Model	Compressor		Condenser Fan Motor			Unit	
		R.L.A.	L.R.A.	Qty.	HP	F.L.A.	M.C.A.	M.O.P.
208-230/3/60	1001-RHS	8.2	55	2	1/15	1.0	15.	15
	2001-RHS	16.8	102	1	1/3	3.5	24.5	40
	3000-RHS	21.5	156	1	1/3	3.5	30.	50
	4000-RHS	25.3	161	1	1/3	2.7	34.4	50
	6000-RHS	33.2	215	2	1/3	5.4	46.9	80

460/3/60	1001-RHS	-	-	-	-	-	-	-
	2001-RHS	8.8	48	1	1/3	1.9	15.	20
	3000-RHS	8.3	70	1	1/3	1.9	15.	20
	4000-RHS	11.9	80	1	1/3	1.9	16.8	25
	6000-RHS	15.	106	2	1/3	3.8	22.6	35

230/1/60	1001-RHS	11.2	61	2	1/15	1.0	15.	25
	2001-RHS	27.6	125	1	1/3	3.5	38	50

ELECTRICAL SPECS R-22

Voltage	Model	Compressor		Condenser Fan Motor			Unit	
		R.L.A.	L.R.A.	Qty.	HP	F.L.A.	M.C.A.	M.O.P.
208-230/3/60	1000-RHS	6.1	46	2	1/15	1.0	15.	15
	2000-RHS	13.5	99	1	1/3	3.5	20.	30
	3000-RHS	23.6	161	1	1/3	2.7	32.2	50
	4000-RHS	24	150	1	1/3	2.7	32.7	50
	6000-RHS	33.2	215	2	1/3	5.4	46.9	80

460/3/60	1000-RHS	-	-	-	-	-	-	-
	2000-RHS	7.4	49.5	1	1/3	1.9	15.	15
	3000-RHS	9.2	60	1	1/3	1.9	13.4	25
	4000-RHS	10.8	77	1	1/3	1.9	15.4	25
	6000-RHS	15.	106	2	1/3	3.8	22.6	35

230/1/60	1000-RHS	12.2	61	2	1/15	1.0	20.	35
	2000-RHS	24	129	1	1/3	3.5	34	50

Model 1001-RHS & 2001-RHS units have hermetic compressors.

