



MODULAR REMOTE HIGH SIDE WATER COOLED CONDENSING UNITS

Model 51-RHS, 76-RHS, 101-RHS WC Condensing Units



Model 101-RHS-WC

The Models 51-RHS, 76-RHS, 101-RHS condensing units are sized and configured to match Howe Rapid Freeze ice flakers. These units are designed for unexcelled quality, reliability, and long life. They are durable, energy efficient and they provide a high degree of flexibility to a wide diversity of industrial applications.

Standard Features

- High efficiency Copeland discus compressors with POE Oil.
- Electrical controls including compressor contactor and ice flaker interconnect wiring are located easily accessible control box with hinged cover.
- Water regulating valve control system.
- Suction & liquid vibration eliminators.
- Liquid line filter-drier and sight glass.

Special Features

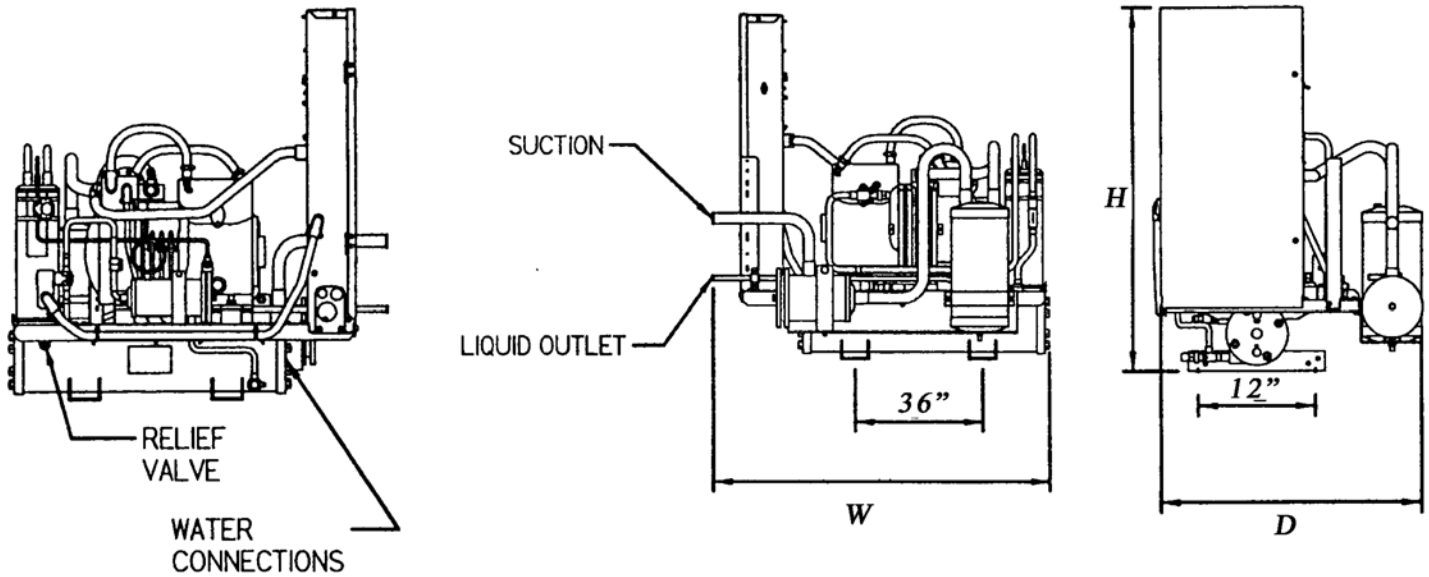
- Contact points to connect with flaker control panel to monitor low oil pressure, high discharge pressure, low suction pressure (pump-down), and compressor running conditions.
- Suction Accumulator
- Oil Separator with oil return line.
- Separate high pressure, low pressure control switches

Diversity of Applications for Rapid Freeze Machines

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|-----------------------|------------------------|-----------------------|
| • Produce Harvesters | • Seafood Processors | • Poultry Processors |
| • Produce Wholesalers | • Seafood Distributors | • Concrete Cooling |
| • Produce Markets | • Meat Processors | • Amusement Parks |
| • Industrial Bakeries | • Sausage Processors | • Industrial Catering |



Model 51-RHS, 76-RHS, 101-RHS



Condensing Unit Information

Model No.	Dimensions						Refrigerant Line Connection Sizes		Water Connections		Condenser Water Flow G.P.M. ¹ (Nominal)	Shipping Weight lbs. / kg.
	Inches			Centimeters					Water in	Water Out		
	W	D	H	W	D	H	Suction	Liquid	OD	OD		
51-RHS	55 1/2	35 3/8	41 1/2	141	90	105	2-1/8	7/8	1 1/2	1 1/2	23	780
76-RHS *	55 1/2	35 3/8	41 1/2	141	90	105	1-5/8	5/8	1 1/4	1 1/4	18 (ea)	560
101-RHS *	55 1/2	35 3/8	41 1/2	141	90	105	2-1/8	7/8	1 1/2	1 1/2	23 (ea)	780

¹ Based on 85 F entering water, 105 F condensing Temperature.

ELECTRICAL SPECS R-404A

Voltage	Model	Compressor (Each)		Unit	
		R.L.A.	L.R.A.	M.C.A.	M.O.P.
208-230/3/60	51-RHS	47.2	278	59.0	100
	76-RHS *	33.2	215	41.5	70
	101-RHS *	47.2	278	59.0	100
460/3/60	51-RHS	23.6	139	29.5	50
	76-RHS *	15	106	20.0	30
	101-RHS *	23.6	139	29.5	50
380/3/50	51-RHS	29.6	187	37	60
	76-RHS *	16.7	106	20.8	35
	101-RHS *	29.6	187	37.0	60

Suction accumulator is provided with Howe furnished condensing unit.

* 76-RHS, & 101-RHS uses two condensing units per ice machine.



NSF, ETL Approved. USDA Pending.