R-Series
Custom Chillers

HASKRIS

Achievement in Design

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Technical Data

MODEL		COOLING CAPACITY*	REFRIGERATION CIRCUIT		FLUID CIRCUIT				DIMENSIONAL DATA AND WEIGHT***		AVAILABLE POWER OPTIONS****		
		BTU/hr (kW)	Compressor HP	Refrigerant	Fluid Flow Rate** GPM (LPM)	Pump HP	Connection Size Inches (NPT)	Reservoir Volume Gallons (Liters)	W x D x H Inches (cm)	Dry Unit Weight lbs (kg)	Voltage	Phase	Frequency
R033	**Air Cooled**	2,730 (0.80)	1/3	R134A	1 (3.8)	1/3	1/2	5 (19)	18 x 27 x 29 (46 x 69 x 74)	250 (114)	115V	1Ø	60Hz
	Water Cooled	4,090 (1.20)	1/3	R134A	1 (3.8)	1/3	1/2	5 (19)	18 x 27 x 29 (46 x 69 x 74)	250 (114)	115V	1Ø	60Hz
R050	**Air Cooled**	4,775 (1.40)	1/2	R134A	1 (3.8)	1/3	1/2	5 (19)	18 x 27 x 29 (46 x 69 x 74)	250 (114)	115V or 208/230V	1Ø	60Hz
	Water Cooled	5,970 (1.75)	1/2	R134A	1 (3.8)	1/3	1/2	5 (19)	18 x 27 x 29 (46 x 69 x 74)	250 (114)	115V or 208/230V	1Ø	60Hz
R075	**Air Cooled**	7,500 (2.20)	3/4	R134A	1.7 (6.4)	1/3	1/2	5 (19)	21 x 29 x 32 (54 x 74 x 82)	350 (159)	208/230V	1Ø	60Hz
	Water Cooled	10,230 (3.00)	3/4	R134A	1.7 (6.4)	1/3	1/2	5 (19)	21 x 29 x 32 (54 x 74 x 82)	350 (159)	208/230V	1Ø	60Hz
R100	**Air Cooled**	10,740 (3.14)	1	R134A	1.7 (6.4)	1/3	1/2	5 (19)	21 x 29 x 32 (54 x 74 x 82)	350 (159)	208/230V	1Ø	60Hz
	Water Cooled	13,125 (3.84)	1	R134A	1.7 (6.4)	1/3	1/2	5 (19)	21 x 29 x 32 (54 x 74 x 82)	350 (159)	208/230V	1Ø	60Hz
R175	**Air Cooled**	17,076 (5.00)	1.75	R407C	3.7 (14)	1/3	1/2	9 (34)	27 x 26 x 35 (69 x 66 x 89)	425 (193)	208/230V	1Ø	60Hz
	Water Cooled	20,491 (6.00)	1.75	R407C	3.7 (14)	1/3	1/2	9 (34)	27 x 26 x 35 (69 x 66 x 89)	425 (193)	208/230V	1Ø	60Hz
R250	**Air Cooled**	25,575 (7.5)	2.5	R407C	3.7 (14)	1/3	1/2	14 (53)	35 x 31 x 48 (89 x 79 x 122)	750 (341)	208/230V	1Ø	60Hz
	Water Cooled	28,985 (8.5)	2.5	R407C	3.7 (14)	1/3	1/2	14 (53)	27 x 26 x 43 (69 x 66 x 110)	525 (239)	208/230V	1Ø	60Hz
R300	**Air Cooled**	34,100 (10.0)	3	R407C	8.0 (30)	3/4	1/2	14 (53)	35 x 31 x 48 (89 x 79 x 122)	750 (341)	208/230V	3Ø	60Hz
	Water Cooled	37,510 (11.0)	3	R407C	8.0 (30)	3/4	1/2	14 (53)	30 x 26 x 43 (77 x 66 x 110)	600 (273)	208/230V	3Ø	60Hz
R400	**Air Cooled**	42,625 (12.5)	4	R407C	8.0 (30)	3/4	1/2	30 (114)	47 x 36 x 56 (120 x 92 x 143)	900 (409)	208/230V	3Ø	60Hz
	Water Cooled	46,025 (13.5)	4	R407C	8.0 (30)	3/4	1/2	30 (114)	30 x 36 x 48 (77 x 92 x 122)	600 (273)	208/230V	3Ø	60Hz
R550	**Air Cooled**	61,375 (18.0)	5.5	R407C	9.0 (34)	1	3/4	30 (114)	47 x 36 x 56 (120 x 92 x 143)	900 (409)	208/230V	3Ø	60Hz
	Water Cooled	66,500 (19.5)	5.5	R407C	9.0 (34)	1	3/4	30 (114)	30 x 36 x 48 (77 x 92 x 122)	650 (295)	208/230V	3Ø	60Hz
R750	**Air Cooled**	78,425 (23.0)	7.5	R407C	12.5 (47)	1.5	3/4	30 (114)	47 x 36 x 66 (120 x 92 x 168)	1000 (454)	208/230V or 460V	3Ø	60Hz
	Water Cooled	85,250 (25.0)	7.5	R407C	12.5 (47)	1.5	3/4	30 (114)	30 x 36 x 56 (77 x 92 x 143)	775 (352)	208/230V or 460V	3Ø	60Hz
R1000	**Air Cooled**	102,300 (30.0)	10	R407C	18.0 (68)	2	1	30 (114)	47 x 36 x 66 (120 x 92 x 168)	1200 (545)	208/230V or 460V	3Ø	60Hz
	Water Cooled	112,530 (33.0)	10	R407C	18.0 (68)	2	1	30 (114)	30 x 36 x 56 (77 x 92 x 143)	900 (409)	208/230V or 460V	3Ø	60Hz

* Cooling capacities rated at sea level using water as the recirculating fluid at 65°F process setpoint with nominal operating voltage.
Air-cooled units rated at 80°F ambient air temperature. Other fluids, process temperatures, ambient temperatures, altitude, or operating voltages will affect capacity.
Specifications subject to change. Standard air-cooled operating ambient temperature range is 55°F to 90°F for R033-R175 and 40°F to 100°F for R250-R1000.
See Option (I) and Option (J) for ambient temperatures outside these standard ranges.

** Many pumping alternatives available.

*** R-Series units require 3ft of clearance in front and 6 inches of clearance in the rear for optimal performance.

**** Alternate power options available upon request including 50Hz designs and universal 50/60Hz designs. Please contact Haskris.

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