RELY ON RUUD™

Ruud® Torin™ is engineered for high-capacity commercial applications, delivering exceptional efficiency, a steady, reliable supply of hot water, and dependable operation even in low ambient temperatures.

Highly Efficient

Ruud® Torin™ delivers exceptional energy performance with a COP over 4.5, supported by its low-GWP R-454B refrigerant and smart inverter capacity control that optimizes compressor operation for maximum efficiency. Both units are ENERGY STAR® certified, ensuring verified high-efficiency performance in demanding commercial environments.

Installation Flexibility

The system supports both indoor and outdoor installation, accommodates single-pass or multi-pass piping configurations, and offers a footprint up to 36% smaller than comparable systems—providing valuable space savings for mechanical room layout and making integration into new or existing designs significantly easier.

Modular Configuration

Supports cascading up to 16 units for larger loads or redundancy, and the system is suitable for both Domestic Hot Water and Hydronic applications, offering broad design flexibility across commercial projects.

Cold-Climate Performance

Designed for demanding environments, the system delivers reliable operation in ambient temperatures down to −13°F (−25°C) while consistently maintaining high hot-water output. Its heat-pump design and optimized refrigerant cycle support strong performance across wide temperature swings, ensuring dependable efficiency and stable operation in year-round commercial applications.

Smart Controls & Contractor App

Integrated controls simplify setup, monitoring, and service. The Sky-35 interface offers intuitive touchscreen configuration, while the Contractor App provides Bluetooth® commissioning, quick diagnostics, and streamlined service workflows—supporting efficient operation and easier maintenance across commercial installations.

RMHPHDA068VD000 RMHPHDA120VD000

Ruud Torin

68k BTU/h & 120k BTU/h
480 Volt / 3 Phase / 60 Hz
1-Year Limited Warranty

C US NSF/ANSI 5, 61 & 372

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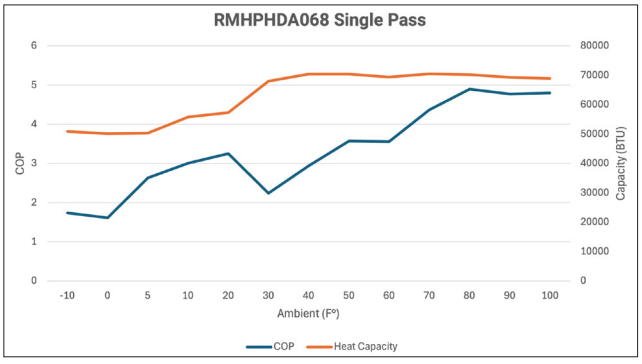

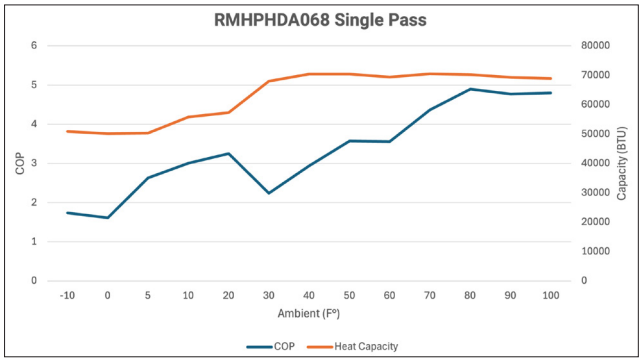

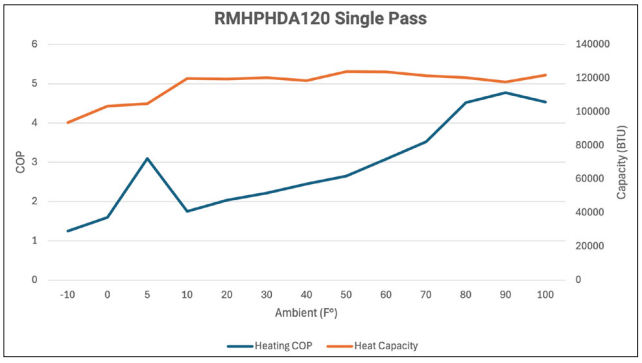

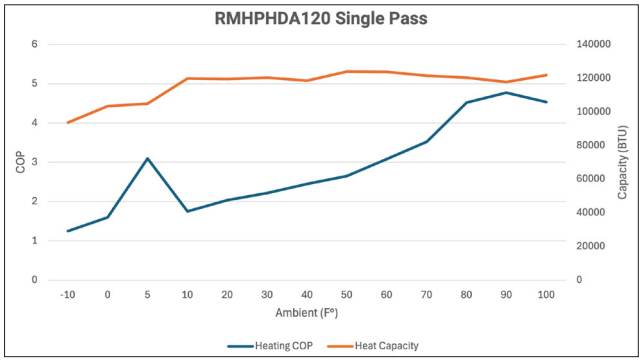

1. Capacities and COP calculated at standard temperature rise of 50°F at nominal DOE water flow.
2. Defrost will affect real capacities at ambient temperatures lower than 40°F

07/2026 FORM NO. RU-TORIN_SPEC_SHEET_R0

RELY ON RUUD™

Ruud Model	RMHPHDA068VD000		RMHPHDA120VD000	
ELECTRICAL INPUT				
Voltage/Phase	480 Volt / 3 Phase / 60 Hz			
Full Load	25 A		34 A	
MCA	33.5 A		44.8 A	
Overcurrent protection device size	40 A		50 A	
Refrigerant	R454b			
Heating Capacity, BTU/hr*	68,000		120,000	
Power Input, kW	4.9		9.8	
COP*	4.5		4.5	
Noise Level, dBa @ 10ft	75		75	
Rated Load Amps @ DOE Conditions	8.5 A		12.5 A	
TECHNICAL DATA				
	Compressor	**Fan**	**Compressor**	**Fan**
Type	Inverter	Axial	Inverter	Axial
Number Per Unit	1	1	1	1
FLA (Full Load Amps, each)	25	2.5	34	2.5
Pole/RPM	6P/7200	2/1100	6P/7200	2/1100
Air Flow, CFM	N/A	6000	N/A	6000
Max. Static Pressure for Ducting	0.15" W.C.		0.15" W.C.	
HEAT EXCHANGER (Water Side)				
Type of Water Tube	Double Wall - 316L Stainless Steel			
Design	Counter Flow Brazed Plate			
Flow Rate Excl. By Pass, gpm	5 - 15		5 - 20	
Max. Outlet Water Temp, °F	150		150	
Design Pressure Drop, PSI	4.5		2.5	
Max. Operating Pressure, PSI**	65		65	
GENERAL INFORMATION				
Water Connections	1" Copper		1" Copper	
Drain	1 1/4 socket connection		1 1/4 socket connection	
Defrost	Hot Gas Injection			
Cabinet Construction	18 Gauge painted commercial steel outdoor specs			
Approx. Shipping Weight, lbs	360		483	
Size L x W x H	40" x 40" x 42"		40" x 40" x 58"	

** DOE test standard, 80ºF ambient with 63% humidity, inlet water temperature at 70ºF, outlet water temperature at 120ºF.*
*** Absolute maximum system pressure is 120 psi.*

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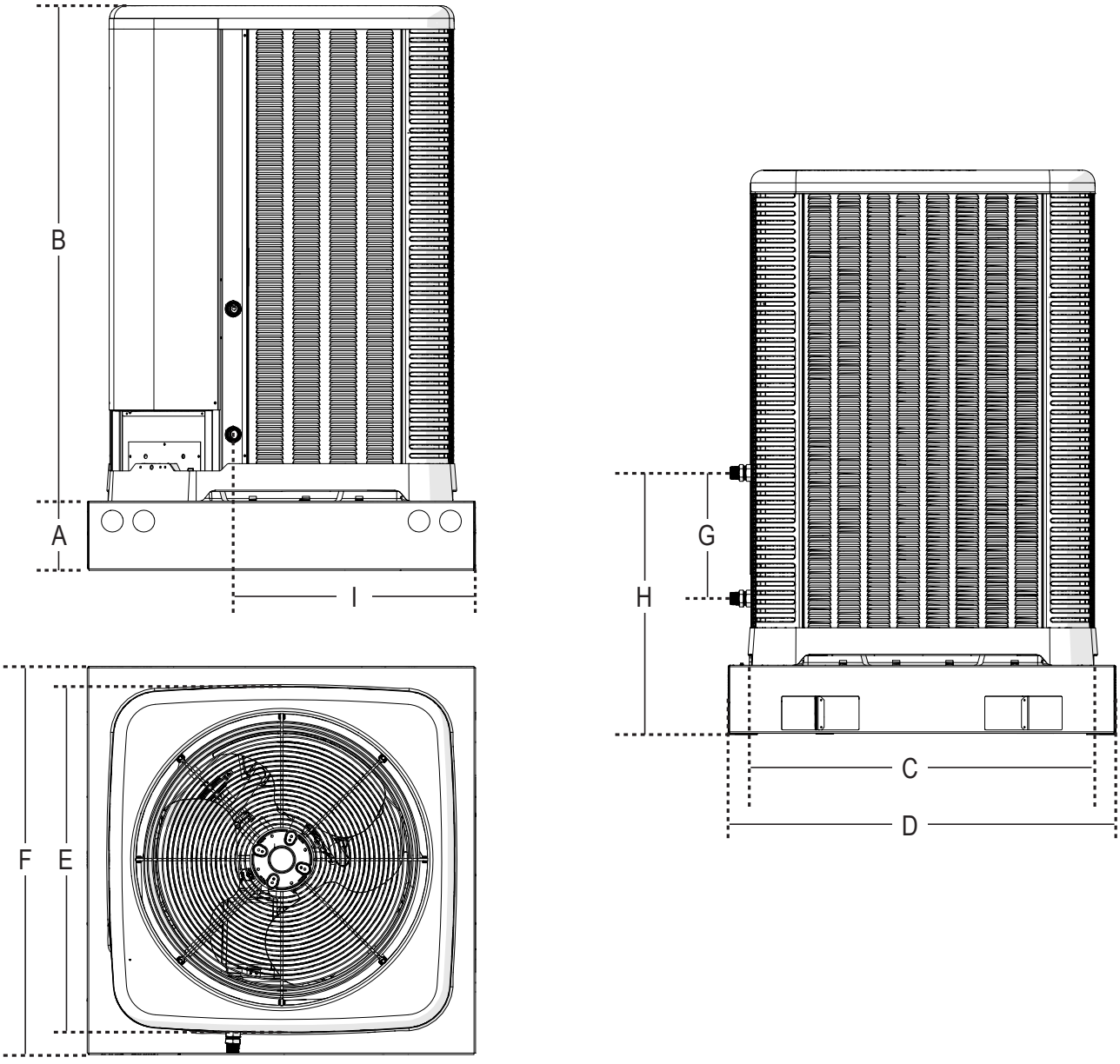
DIMENSIONS AND SPECIFICATIONS FOR 68K BTU/H AND 120K BTU/H

MODEL NUMBER	DIMENSIONS								
	A	B	C	D	E	F	G	H	I
RMHPHDA068V000	7"	35"	36"	40"	36"	40"	13"	27"	25"
RMHPHDA120V000	7"	51"	36"	40"	36"	40"	13"	27"	25"



Note: The unit shown is the 120K BTUh model.

RELY ON RUUD™

PARTS FOR 68K BTU/H AND 120K BTU/H

PART	DESCRIPTION	PART NUMBER
Unit Control / Display	Sky 35 Unit Control (min. 1 required)	016-204
Primary Circulation Pump	ECM High-Efficiency Circulator Pumps	VM3450-DD1-RS2W00
Valve	Motorized Ball Valve Stainless Steel 1 in. NPT	JFMSV00009
Control Interface	BACnet® and Modbus® Interface (ProtoNode)	100-10004301
Storage Tank Thermistor	Tank Well Thermistor	011932K
Seismic Tie Down	Hurricane Tie Down Bracket	10-105931-02K
	Screw - Self-Drilling 3/4 in.	63-105938-01K
Transformer	Ruud Step-Up Transformer Dry Type model (208V / 480V 3-phase)	T3045K0013B
	Ruud Step-Up Transformer Dry Type model (208V / 480V 3-phase)	T3030K0013B

PART	DESCRIPTION	PART NUMBER
Storage Tank (Non-Jacketed)	200-950 Gallon Storage Tank (Non-Jacketed)	STU950A
		STU750A
		STU500A
		STU430A
		STU320A
		STU200A
Storage Tank (Jacketed)	200-950 Gallon Storage Tank (Jacketed)	ST950A
		ST750A
		ST500A
		ST430A
		ST320A
		ST260A
		ST200A
Storage Tank	80-175 Gallon Storage Tank	ST80(A)
		ST120(A)
		ST175(A)

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