



Rely On Ruud

Ducted Split AIR CONDITI[°] NERS

VPGL+VHSL / VHLL Series



R-410A
50Hz

Heat Pump series

Louvered steel cabinet protects the coil from damage

Cabinet is constructed of powder painted galvanized steel

Expansion Valves with Internal Check Valve provides quieter refrigerant metering

Single Row coil, easy to clean

Demand Defrost Control

Metallic fan blade, increased durability

Non-Cycling Reversing Valve

Metal blower in Air handler

Hot Gas Muffler

High density Thermal insulation

Easily accessible control box

High and Low Pressure control

Slide-out design of blower housing for convenient service and maintenance

Energy efficient BLDC motor (VHLL)

RELY ON RUUD.™

TECHNICAL DATA

VPGL+VHSL / VHLL		VPGL-024TA + VHSL-HM3017	VPGL-024TA + VHLL-HM3017	VPGL-030TA + VHSL-HM3017	VPGL-030TA + VHLL-HM3017	VPGL-036TA + VHSL-HM4217	VPGL-036TA + VHLL-HM4217	VPGL-042TA + VHSL-HM4217
Rated Cooling Capacity @AHRI	Btu/hr	20370	20640	24380	24780	29510	30266	33550
Rated Heating Capacity @AHRI	Btu/hr	20280	20450	24180	24590	29300	30020	33350
EER @AHRI	Btu/W-hr	11.7	12.4	12.7	13.7	11.7	13.2	11.6
COP @AHRI	kW/kW	2.6	3.3	3.0	3.5	2.7	3.2	3.0
Rated Air Flow	CFM	700	700	800	800	1000	1000	1200
Rated ESP	Pa	75	75	75	75	75	75	75
Sizes ODU	L (mm)	600	600	702	702	803	803	803
	W (mm)	600	600	702	702	803	803	803
	H (mm)	667	667	667	667	695	695	899
Weight	kg	59.6	59.6	67.3	67.3	77.3	77.3	90.0
Sizes IDU	L (mm)	1080	1080	1080	1080	1080	1080	1080
	W (mm)	551	551	551	551	551	551	551
	H (mm)	445	445	445	445	445	445	445
Weight	kg	37	37	37	37	37	37	37
Refrigerant		R410A						

VPGL+VHSL / VHLL		VPGL-042TA + VHLL-HM4217	VPGL-048TA + VHSL-HM6021	VPGL-048TA + VHLL-HM6021	VPGL-048NA + VHSL-HM6021	VPGL-048NA + VHLL-HM6021	VPGL-060NA + VHLL-HM6524	VPGL-065NA + VHLL-HM6524
Rated Cooling Capacity @AHRI	Btu/hr	34370	34100	34920	39000	40000	53360	61830
Rated Heating Capacity @AHRI	Btu/hr	34180	33950	34780	38900	39920	53290	61830
EER @AHRI	Btu/W-hr	13.0	11.4	12.7	11.5	12.9	11.1	9.2
COP @AHRI	kW/kW	3.6	2.8	3.1	3.0	3.6	3.9	3.1
Rated Air Flow	CFM	1200	1332	1332	1332	1332	1665	2024
Rated ESP	Pa	75	75	75	75	75	75	75
Sizes ODU	L (mm)	803	803	803	803	803	803	803
	W (mm)	803	803	803	803	803	803	803
	H (mm)	899	899	899	899	899	899	899
Weight	kg	90.0	102.7	102.7	102.7	102.7	105	105
Sizes IDU	L (mm)	1080	1282	1282	1282	1282	1410	1410
	W (mm)	551	551	551	551	551	551	551
	H (mm)	445	533	533	533	533	622	622
Weight	kg	37	68	68	68	68	82	82
Refrigerant		R410A						

AHRI Condition:

Cooling: 80°F/67°F On-coil, 95°F ambient

Heating: 47°F/43°F Outdoor air, 70°F Indoor air

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

RUUD AIR CONDITIONING DIVISION

Dubai Airport Freezone (DAFZA), UAE

