

DESIGNED FOR THE ULTIMATE





DESIGNED FOR THE ULTIMATE Heating Operation now down to -30°C





SMART LOAD CONTROL (SLC)



Lower Load and Capacity need Higher Evaporation Temperature

Higher Evaporation Temperature Results in Higher Efficiency

*Low humidity: Below 50% / Standard: 50~70% / High humidity: 70~100% *Setting is available in indoor (CRC1 and Premium Remote Controller)

ULTIMATE INVERTER COMPRESSOR



Improving energy efficiency up to 10% and enhancing compressor reliability

01. VAPOR **INJECTION**

Maximized Heating Capacity based on two-stage compression effect

02. Active Refrigerant Control

Monitoring and adjusting the quantity of circulating refrigerant for each operation



03. HiPOR[™]

With patent HiPOR™ technology, compressor can operate without energy loss which occurs by oil return process



ULTIMATE

04. Smart Oil Management Oil level detection in real time

05. Enhance Bearing Increased operation range and durability

with PEEK bearing





LARGE CAPACITY ODU WITH BIOMIMETICS **TECHNOLOGY FAN**

BIOMIMETICS TECHNOLOGY FAN AND FLOW RATE With humpback whale design and clam shell pattern, biomimetic technology increased air flow rate while reducing power consumption Higher heat exchanging capacity with extended shroud Humpback Whale Design Clam Shell Pattern 10% 11.300 1,500W 10,200 CFM 20% CFM .200W Previous Model MULTIV.5 Previous Model MULTI V.5 Air flow rate **Power Consumption** *Comparison based on 16Ton model * Comparison based on air volume of 10,200CFM





10% IMPROVED AIRFLOW RATE **20%** REDUCED POWER CONSUMPTION *Based on 290m³/min



LARGE

ULTIMATE FLEXIBILITY



34 - 42 TON









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Hydrophilic Film (Water Flow)

Epoxy Resin (Corrosion Resistant)

HEAT RECOVERY UNIT





2 PORT - PRHR023A



6 PORT - PRHR063A

Aluminum Fin



1,500 UL test hours of Salt Spray Gas Exposure Test

8 PORT - PRHR083A

HEAT PUMP AND HEAT RECOVERY IN THE SAME CHASSIS

FRAMES	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
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● = 575V ● = 208/230V & 460V



LG Electronics Canada, Inc. Air Conditioning Technologies 20 Norelco Drive, North York, ON M9L2X6 Distributed by