



*DESIGNED FOR THE ULTIMATE*

# *MULTI V<sup>TM</sup> 5*



# MULTI V<sup>5</sup>

DESIGNED FOR THE *ULTIMATE*

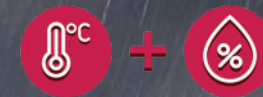
Heating Operation  
now down to **-30°C**



Previous VRF : Single Sensing



MULTI V<sup>5</sup> : Dual Sensing



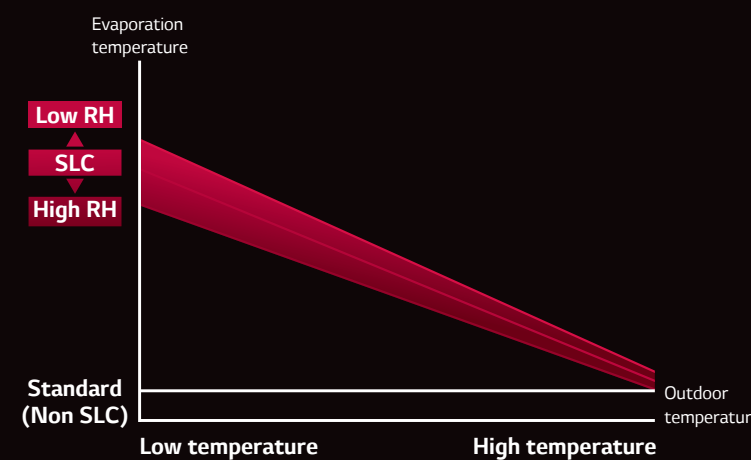
**SLC**  
Smart Load Control

**IEER**

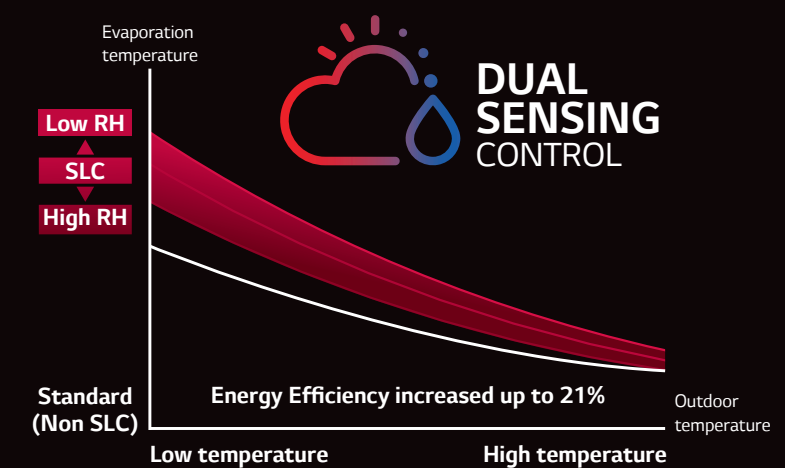
Comfort Cooling

Improved Indoor Comfort

## SMART LOAD CONTROL (SLC)



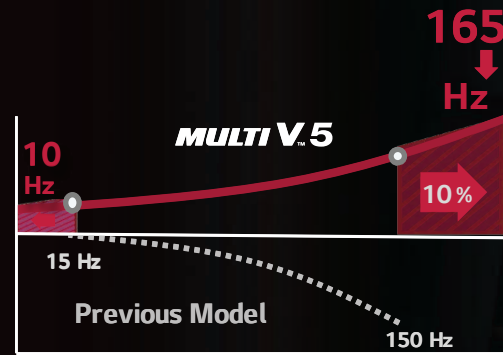
Lower Load and Capacity  
need Higher Evaporation  
Temperature



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

ULTIMATE INVERTER COMPRESSOR

**10% IMPROVED AIRFLOW RATE**  
**20% REDUCED POWER CONSUMPTION**

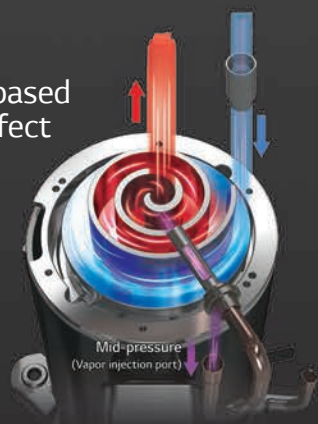
\*Based on 290m<sup>3</sup>/min

**LARGE CAPACITY ODU WITH BIOMIMETICS TECHNOLOGY FAN**



## 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



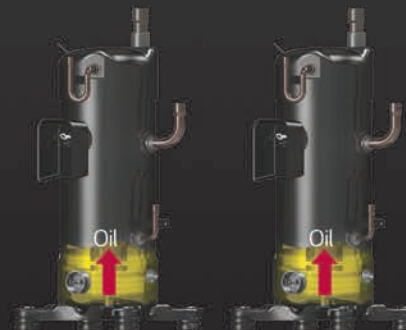
## 03. HiPOR™

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



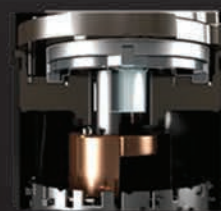
## 04. Smart Oil Management

Oil level detection in real time



## 05. Enhance Bearing

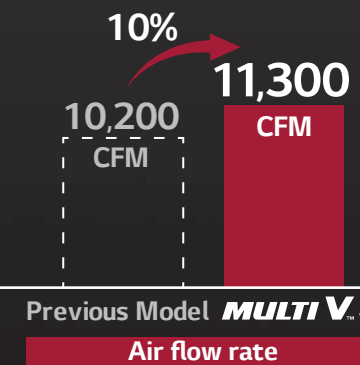
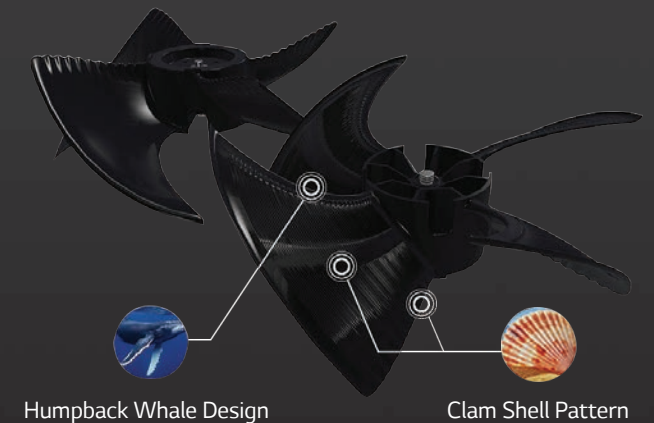
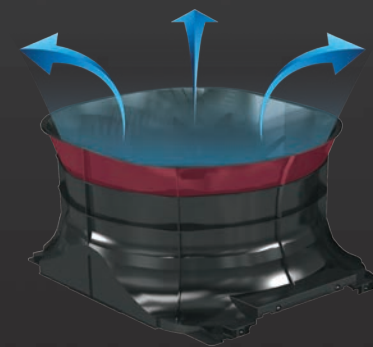
Increased operation range and durability with PEEK bearing



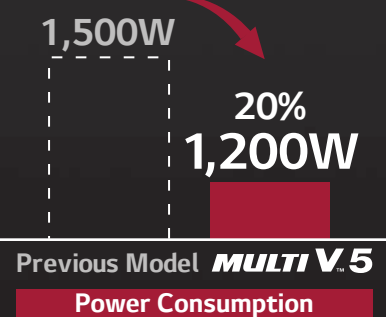
## BIOMIMETICS TECHNOLOGY FAN AND FLOW RATE

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



\*Comparison based on 16Ton model



\* Comparison based on air volume of 10,200CFM

# ULTIMATE FLEXIBILITY



**6 TON**  
(Only for 208/230V)

**8 - 20 TON**  
(6-20TON for 575V)

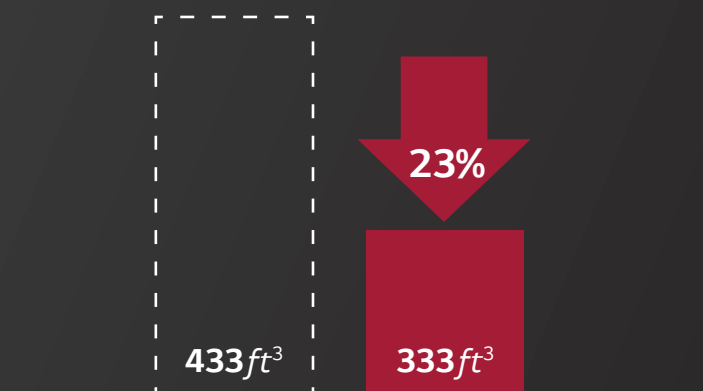


**22 - 32 TON**

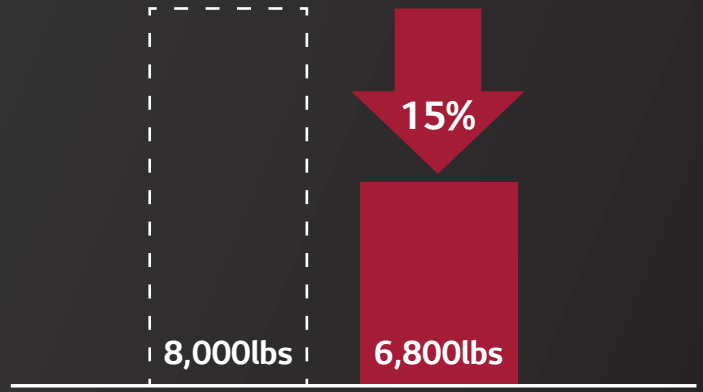


**34 - 42 TON**

## MULTI V5™

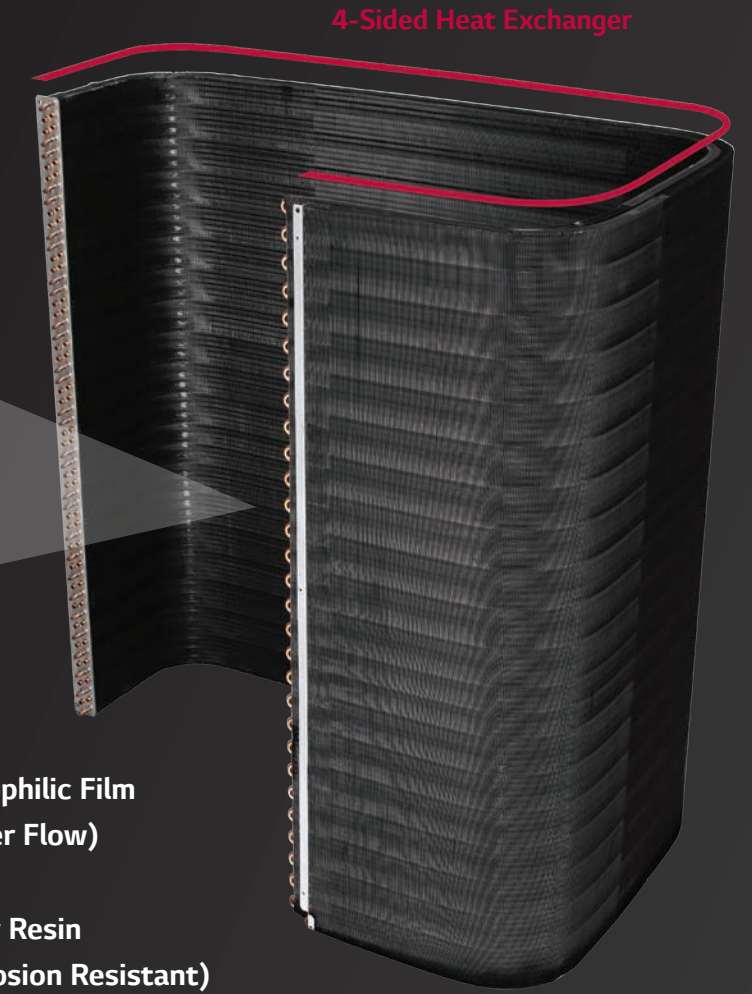
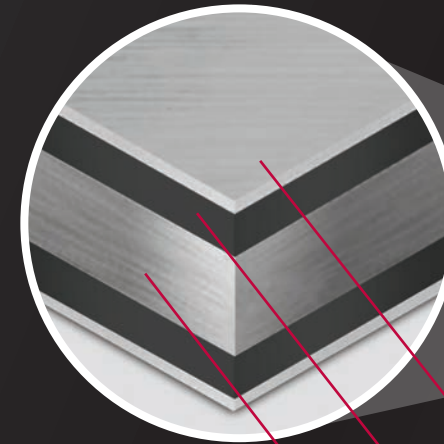


Previous Model **MULTI V5**  
**Installation Space**



Previous Model **MULTI V5**  
**Product Weight**

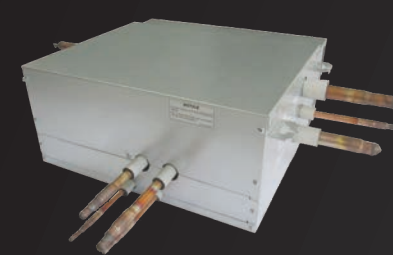
# Ocean Black Fin



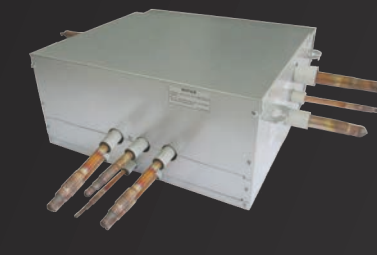
- Hydrophilic Film (Water Flow)
- Epoxy Resin (Corrosion Resistant)
- Aluminum Fin

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

## HEAT RECOVERY UNIT



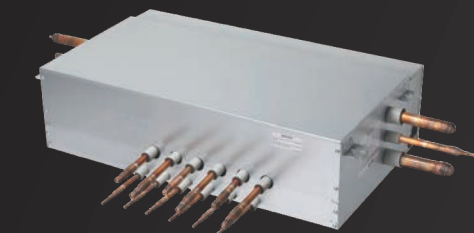
**2 PORT - PRHR023A**



**3 PORT - PRHR033A**



**4 PORT - PRHR043A**







**NEW | 6 PORT - PRHR063A**



**NEW | 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	
	●																			
	●	●	●	●	●	●	●	●												
									●	●	●	●	●	●	●					
																●	●	●	●	

● = 575V   ● = 208/230V & 460V



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