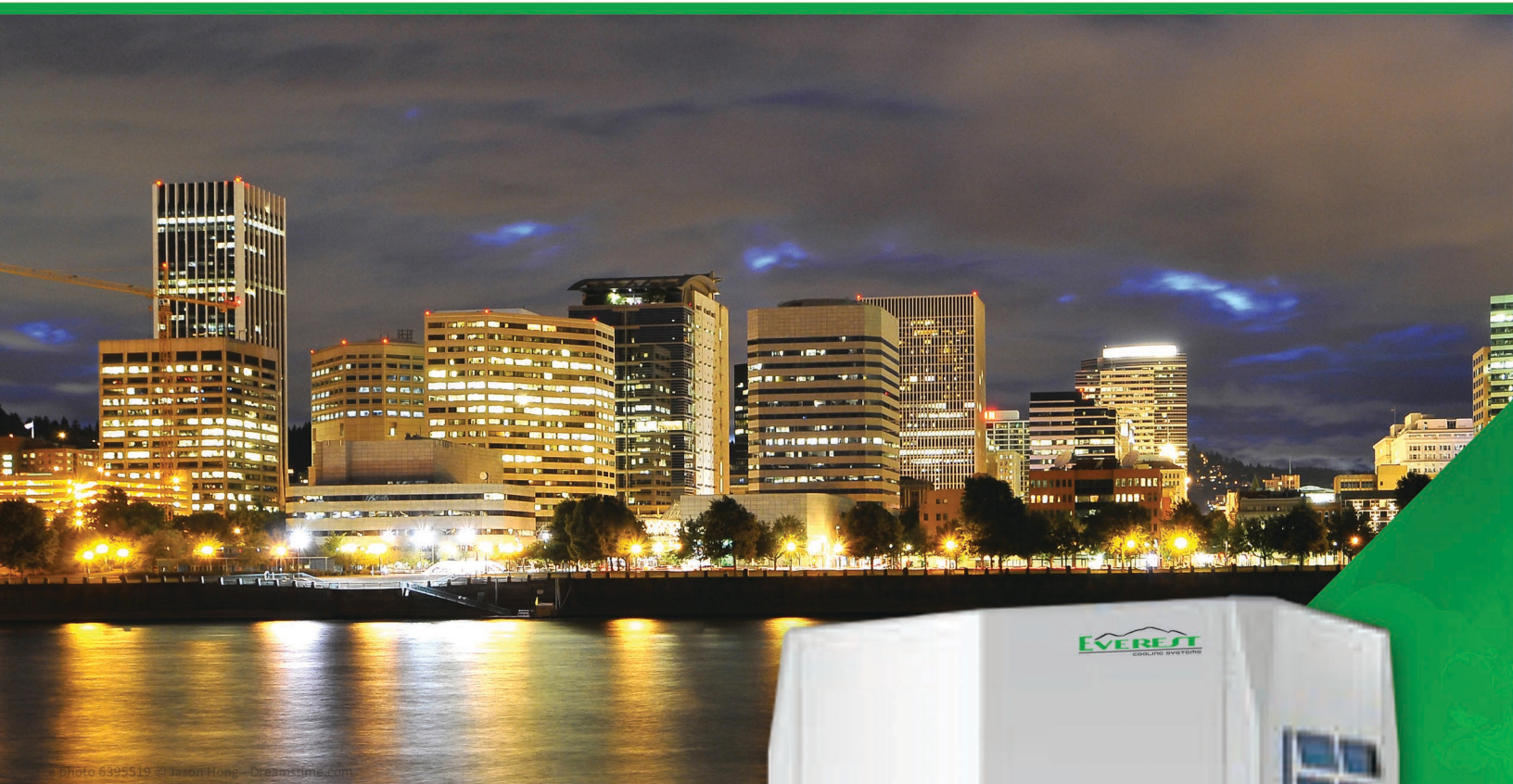




Commercial Air Conditioners



220V-3Ph-60Hz



3 Unique Innovations

High Efficiency

Wide Application Range

High Reliability

Enhance Comfort

Easy Installation and Service



HP			16	18	20	22
Model name			EVX-450WV2DN1	EVX-500WV2DN1	EVX-560WV2DN1	EVX-615WV2DN1
Power supply		V/Ph/Hz	220/3/60			
Cooling ¹	Capacity	kW	45.0	50.0	56.0	61.5
		kBtu/h	153.5	170.6	191.1	209.8
	Power input	kW	12.00	12.50	15.10	18.40
	EER	kW/kW	3.75	4.00	3.70	3.35
Heating ²	Capacity	kW	45.0	50.0	56.0	61.5
		kBtu/h	153.5	170.6	191.1	209.8
	Power input	kW	9.80	10.60	12.70	15.00
	COP		4.60	4.70	4.40	4.10
Connected indoor unit	Total capacity		50-130% of outdoor unit capacity			
	Maximum quantity		26	29	33	36
Compressor	Type		DC inverter			
	Quantity		1	2		
	Oil type		FV68H			
	Start-up method		Soft start			
Fan	Type		Propeller			
	Motor type		DC			
	Quantity		2			
	Motor output	kW	0.56×2			
	Static pressure	Pa (in.wg.)	0-20 (0-0.08) default; 20-60 (0.08-0.24) customized			
	Airflow rate	m ³ /h (CFM)	14000 (8235)	17000 (10000)		
	Drive type		Direct			
Refrigerant	Type		R410A			
	Factory charge	kg (lbs)	13 (28.6)	17 (37.4)		
Pipe connections ³	Liquid pipe	mm (inch)	Φ15.9 (Φ5/8)	Φ19.1 (Φ3/4)	Φ19.1 (Φ3/4)	Φ19.1 (Φ3/4)
	Gas pipe	mm (inch)	Φ31.8 (Φ1-1/4)	Φ31.8 (Φ1-1/4)	Φ31.8 (Φ1-1/4)	Φ31.8 (Φ1-1/4)
Sound pressure level ⁴		dB(A)	61	62	63	63
Net dimensions (W×H×D)	mm		1340×1635×825			
	inch		52-3/4×64-3/8×32-1/2			
Packed dimensions (W×H×D)	mm		1405×1805×910			
	inch		55-5/16×71-1/16×35-13/16			
Net weight	kg		284	366		
	lbs		625	805		
Gross weight	kg		311	386		
	lbs		684	849		
Ambient temp. operation range	Cooling	°C (°F)	-5 to 54 (23 to 129)			
	Heating	°C (°F)	-25 to 24 (-13 to 75)			

Notes:

- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Diameters given are those of the unit's stop valves.
- Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

FEATURES:
3 Unique Innovations

Energy Management System
Enhance Vapor Injection Compressor
Triple Configuration

High Efficiency

Plate Heat Exchanger
High EER and COP Values

Wide Application Range

Wide Capacity Range
Wide Operation Range
Long Piping Capability

High Reliability

Duly Cycling
Precise Oil Control Technology
Backup Operation
Anti-corrosion Protection
UL Anti-corrosion Certificate
Refrigerant Cooling PCB
Real Time Refrigerant Amount Monitoring
Dust Clean Function

Enhance Comfort

Night Silent Mode
Enhanced Heating Capacity
Intelligent Defrosting Technology

Easy Installation and Service

Non-Polarized Communication Wiring
Auto Addressing
Automatic Refrigerant Charging
Optional Multi Functional PCB