

● ODU Parameters(8-36HP)



8 to 18 HP



20 to 24 HP



26 to 36 HP

HP			8HP	10HP	12HP	14HP	16HP	18HP	20HP	22HP	24HP	26HP	28HP	30HP	32HP	34HP	36HP										
Model: CTVT-CCT(****)DZT			252	280	335	400	450	504	560	615	680	730	785	850	900	950	1010										
Power Supply		V-,Hz,Ph	380-415V, 50/60Hz, 3Ph																								
Cooling	Capacity	kW	25.2	28.0	33.5	40.0	45.0	50.4	56.0	61.5	68.5	73.0	78.5	85.0	90.0	95.2	101.0										
	Input	kW	5.37	6.54	8.19	9.90	11.40	13.16	15.80	17.70	20.00	20.20	22.00	25.00	27.50	29.50	32.50										
	Current	A	8.56	10.43	13.06	15.79	18.18	20.99	25.20	28.23	31.90	32.22	35.09	39.87	43.86	47.05	51.83										
	EER	W/W	4.69	4.28	4.09	4.04	3.95	3.83	3.54	3.47	3.43	3.61	3.57	3.40	3.27	3.23	3.11										
Max. Input Consumption		kW	11.30	12.43	13.73	16.50	18.70	21.39	23.70	26.07	29.68	31.49	33.27	33.47	34.59	39.44	41.25										
Max. Current		A	20.03	22.03	24.33	28.80	32.80	37.90	42.00	46.20	52.60	55.80	58.95	59.31	61.29	69.90	73.10										
Compressor	Quantity	/	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2										
	Type	/	Scroll compressor																								
Outdoor Fan Motor	Type	/	DC INVERTER																								
	Quantity	/	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2									
Outdoor Fan Blade	Type	/	Axial																								
	Quantity	/	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2									
Air volume		m ³ /h	13000	13500	14000	14500	15000	19000	22000			26000			27000												
Sound Pressure Level		dB(A)	57	58	59	60	61	62	63	63	64	64	64	64	65	66	66										
Dimension (WxDxH)	Net	mm	925x845x1780					1340x845x1780					1760x845x1780														
	Packing	mm	1000x925x1940					1415x925x1940					1835x925x1940														
Weight	Net	kg	200					210					275					360					390				
	Gross	kg	210					220					295					385					415				
Refrigerant type / Quantity	Type	/	R410A																								
	Factory Charged Volume	kg	6.5					7.5					9.5					11					15.5				
Refrigerant Piping	Liquid Side	mm	φ9.52	φ9.52	φ12.7	φ12.7	φ12.7	φ15.9	φ15.9	φ15.9	φ15.9	φ15.9	φ19.1	φ19.1	φ19.1	φ19.1	φ19.1	φ19.1									
	Gas Side	mm	φ19.1	φ22.2	φ25.4	φ25.4	φ28.6	φ28.6	φ28.6	φ28.6	φ28.6	φ28.6	φ31.8	φ31.8	φ31.8	φ34.9	φ38.1	φ38.1									
Ambient Temp (Cooling)		°C	-15-60																								



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ZTVT COOLING ONLY

Enhanced Vapor Injection DC Inverter Air Conditioning System



Strong cooling



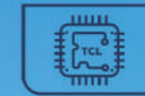
High efficiency energy saving



Generator mode



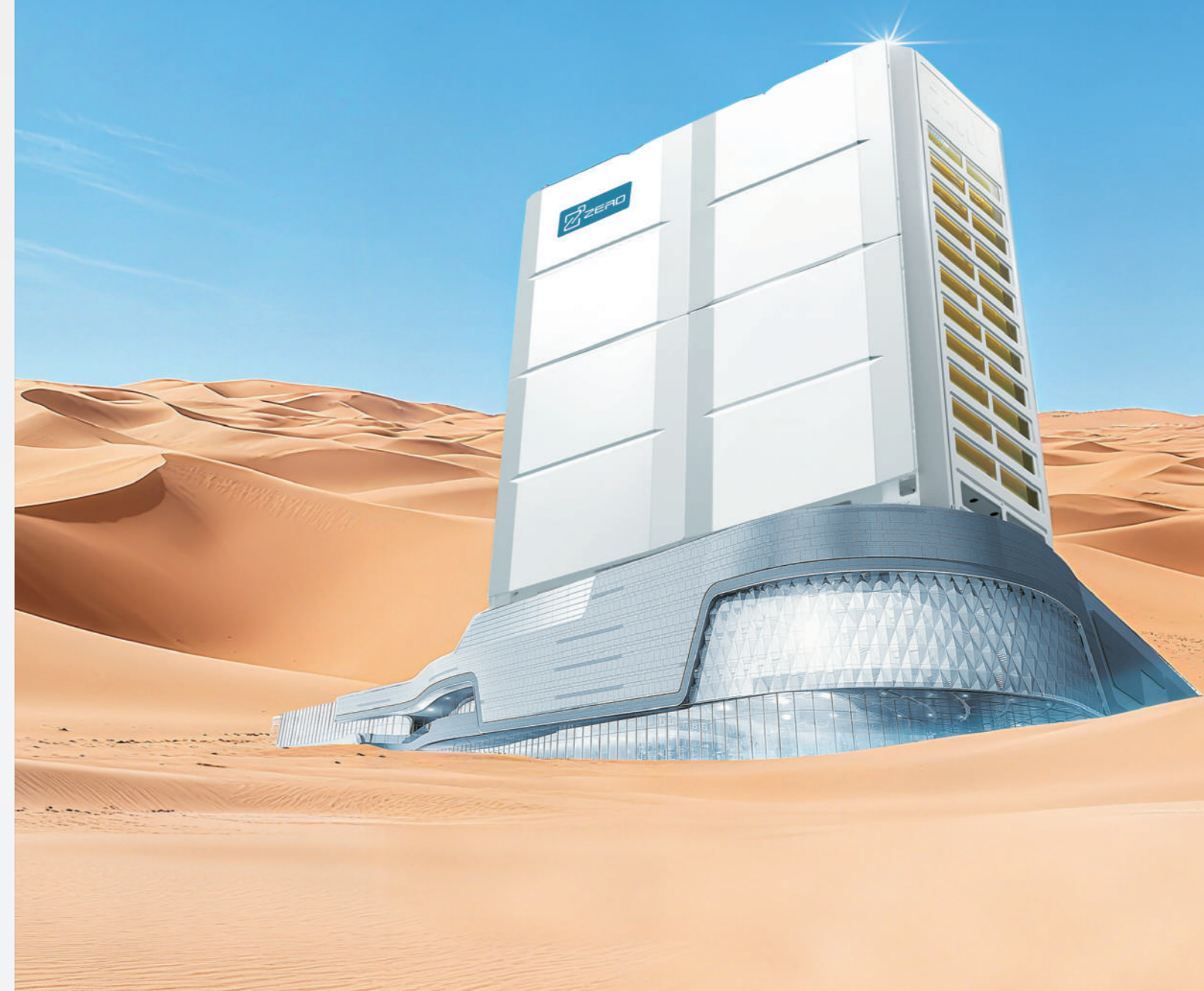
Comfortable healthy environment



Intelligent operation control



Convenient installation Maintenance



ODU Units

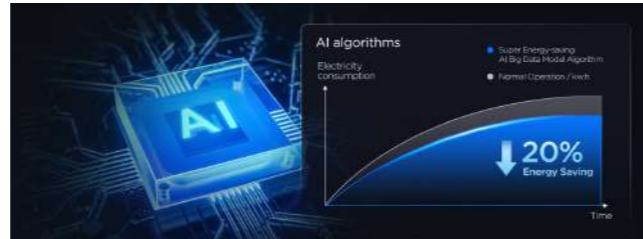
1 unit max.36HP

1 system up to 144HP



AI Algorithms Operator

The built-in AI continuously optimizes temperature and system efficiency. It drives a self-adapting compressor for precise cooling and operates entirely offline, ensuring instant performance and total data privacy without internet.



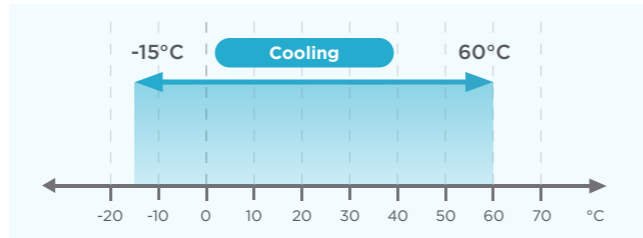
Generator Mode

Using the remote/wired controller to achieve generator mode, 40%-100% 6 level of generator mode to assure unit can run at extreme low power consumption mode.



Ambient Temperature Range

With a reliable operating range from -15°C to 60°C, this unit is engineered to perform in harsh conditions and diverse scenarios.



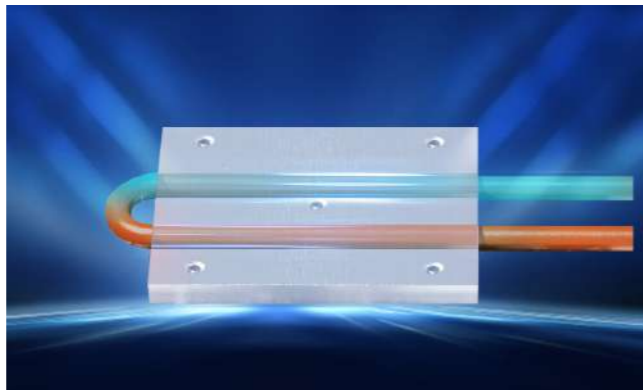
Wide Voltage Range

The unit can operate in the range of voltage 285V - 458V (International standard voltage 380V ±10%), satisfy all kinds of voltage conditions.



Refrigerant Cooling

The refrigerant cooling technology can cool the PCBs in high ambient temperature condition, which improves the reliability, efficiency and lifespan of the VRF units.



360° Air Outlet Cassette

Soft Wind Panel (Optional)

The optional Soft Wind Panel creates a 360° airflow for superior comfort. Air is dispersed through 2,565 micro-holes, which break up the direct airflow into a gentle, body-friendly breeze.



360° Airflow

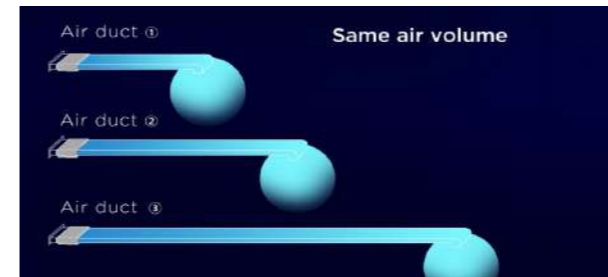
Experience a gentle breeze in every corner. Our system ensures uniform air distribution to eliminate hot and cold spots, maintaining a consistently comfortable temperature throughout your space.



Free ESP Duct Unit

Constant Air Volume

Fan motor automatically adjusts speed according to real-time wind resistance. To provide stable air volume to rooms.



High ESP

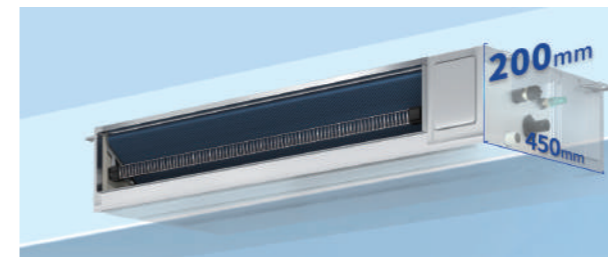
An ESP of up to 200 Pa supports longer air ducts and enables adaptation to a wider range of installation scenarios.



Low ESP Slim Duct Unit

Ultra-Thin Body Design

With a minimum height of only 200 mm, the unit saves significant space. Its drain pump can raise condensate up to 1200 mm.



Seven Gear Wind Speed

Precise fan speed control provides a more comfortable experience for wind-sensitive users.



Wall-Mounted

Ultra-Low Silent Operation

Featuring a large-diameter blade and a high-quality plastic-encapsulated motor, it operates at a noise level as low as 27 dB(A).



