





-  **Indoor Units**  
VRF indoor units
-  **Ventilation**  
Heat recovery ventilator (HRV)
-  **Control Systems**  
Smart control systems
-  **AHU Connection Kit**  
Connect to Midea or third party DX AHU



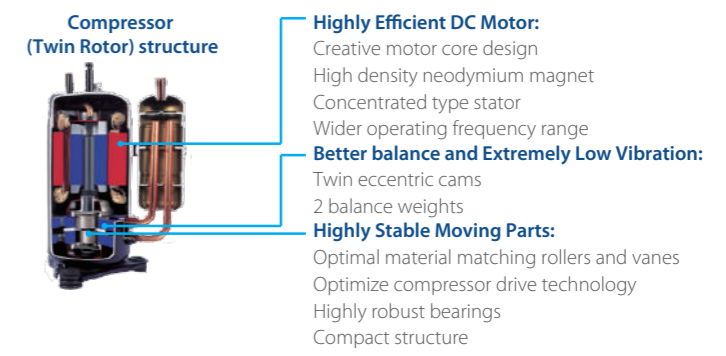
# VVR Cooltek Mini Series Cooling Only

Optimized design for small buildings

- ▶ Capacity Up to 17kW
- ▶ Connectable Indoor Units Quantity Up to 9
- ▶ Precise Oil Control Technology
- ▶ Advanced Silence Technology
- ▶ Compact, Easy Installation


## DC Inverter Compressor

DC inverter compressor makes the output of the outdoor unit to be modulated by the cooling or heating demands of the zone that it controls. This advanced system ensures precise temperature regulation and highly efficient energy usage, making a significant contribution to the limiting the impact on the environment.



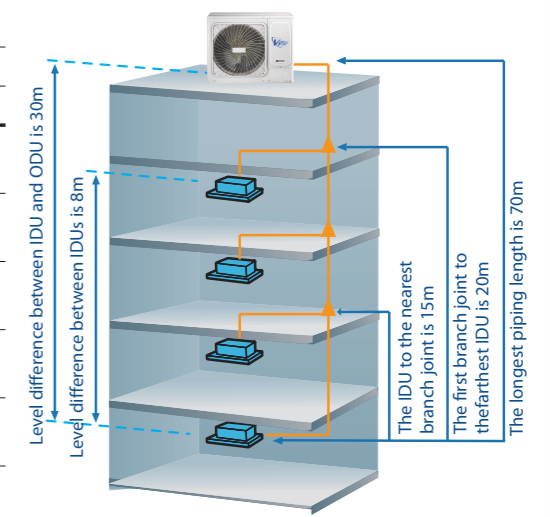
## Wide Capacity Range

Cooling Only Mini VVR Cooltek series has 5 models from 7.2kW to 17 kW with compact size which is perfect for commercial and residential applications: small offices, villas, apartments, shops, etc.

Cooling Only Mini VVR series	
7.2-11kW	14.5-17kW
	

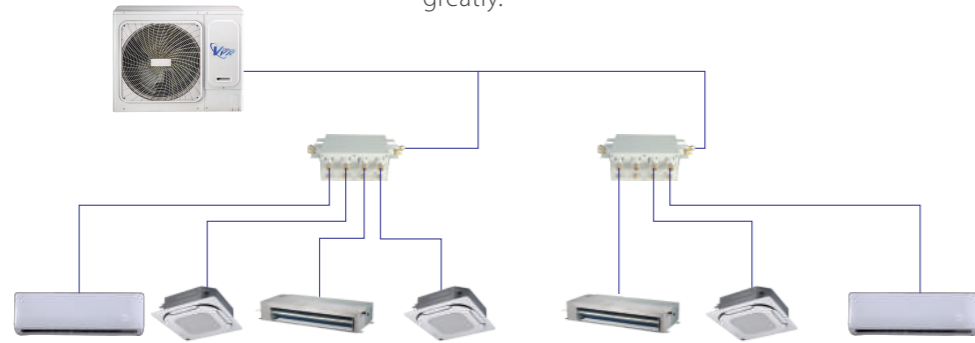
## Long Piping Capability

Piping length	Capability (m(ft.))	
	7.2-11kW	14.5-17kW
Total piping length	100(328)	100(328)
Longest piping length-actual/equivalent	40/50 (131/164)	60/70 (197/230)
Longest piping length after first branch	20(66)	20(66)
Longest piping length after nearest branch	15(49)	15(49)
Largest level difference between IDUs and ODU-ODU up/down	30/20 (98/66)	30/20 (98/66)
Largest level difference between IDUs	8(26)	8(26)



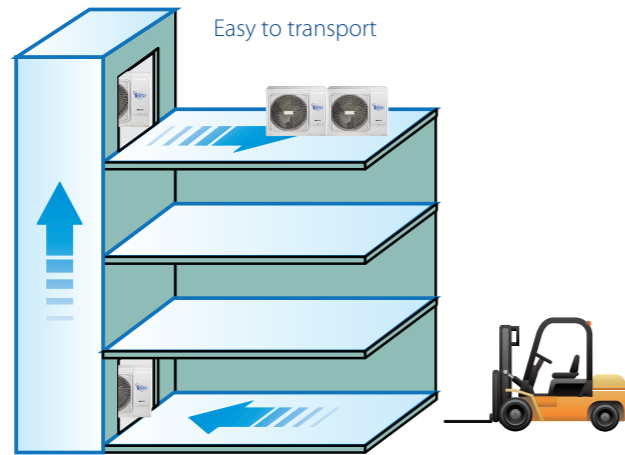
### More Convenient Piping Connector – Branch Box

Easier and safer installation thanks to a branch box that simplifies piping work greatly.



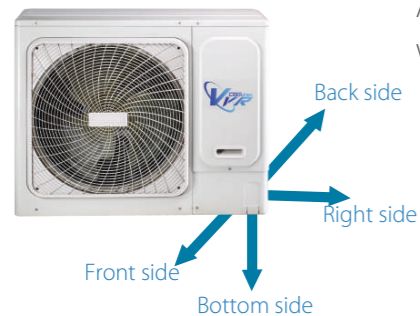
### Easy Installation

The mini VVR can be transported by elevator which makes installation dramatically easy, and effectively reduces time and labor thanks to the small size.



### Four-Way Piping Connection

A four-direction space is available for connecting pipes and wiring in various installation sites.



## Mini VVR Cooltek CO - Cooling Only

208~230V, 1N, 60Hz

HP			2.5	3	4	5	6	
Model			OURF-V72W/DVN1	OURF-V92W/DVN1	OURF-V110W/DVN1	OURF-V145W/DVN1	OURF-V170W/DVN1	
Power supply	V/N/Hz	208-230V/1/60						
Cooling <sup>1</sup>	Capacity	kW	7.2	9.2	11.0	14.5	17.0	
		kBtu/h	24.6	31.4	37.5	49.5	58.0	
	Power input	kW	1.64	2.06	2.75	3.57	3.99	
	EER		4.39	4.47	4.00	4.06	4.26	
Connected indoor units	Total capacity	45-130% of outdoor unit capacity						
	Maximum quantity		4	5	6	8	9	
Compressors	Type	DC inverter						
	Quantity		1					
Fan	Type	DC						
	Quantity		1					
Refrigerant	Type	R410A						
	Factory charge	kg(lbs.)	1.4(3.1)			2.6(5.7)		
Pipe connections <sup>2</sup>	Liquid pipe	mm(in.)	Φ9.53(Φ3/8)					
	Gas pipe	mm(in.)	Φ15.9(Φ5/8)					
Airflow rate	m <sup>3</sup> /h		3400			5100		
Sound pressure level <sup>3</sup>	dB(A)		54			55		
Net dimension (WxHxD)	mm		973x862x355			1040x865x523		
	inch		38-5/16x33-15/16x13-31/32			40-15/16x34-1/16x20-19/32		
Packed dimensions (WxHxD)	mm		1025x910x410			1120x980x560		
	inch		40-23/64x35-53/64x16-9/64			44-3/32x38-37/64x22-3/64		
Net weight	kg(lbs.)		58(128)			85(187)		
Gross weight	kg(lbs.)		63(139)			92(202)		
Operating temperature range	°C(°F)		-5 to 48 (23 to 118.4)					

Notes:

- Indoor temperature 27°C(80.6°F) DB, 19°C(66.2°F) WB; outdoor temperature 35°C(95°F) DB; equivalent refrigerant piping length 7.5m(24.6ft.) with zero level difference.
- Diameters given are those of the unit's accessories.
- Sound values are measured in a semi-anechoic room, at a position of 1m(3.28ft.) in front of the unit and 1m(3.28ft.) above the floor.