

VOLTAS RESIDENTIAL AND LIGHT COMMERCIAL SYSTEMS

Hi-WALL | CASSETTES | TOWER | MULTIMAX | HIDEAWAY DUCTED



A NEW WAY TO THINK
ABOUT AIR CONDITIONING



Eco-Friendly



ABOUT VOLTAS

Voltas Limited is a premier air conditioning and engineering solutions provider and a Projects specialist. Founded in India in 1954, Voltas Limited is part of the Tata Group, with products ranging from Air Conditioners, Air Coolers, Air Purifiers, Water Dispensers, Water Coolers, to Commercial Refrigeration products. The company also offers engineering solutions for a wide spectrum of industries in areas such as heating, ventilation and air conditioning, refrigeration, electromechanical projects, electrification, textile machinery, mining and construction equipment, water management & treatment, cold chain solutions, building management systems, and indoor air quality. The Company has also launched its range of Voltas Beko Home Appliances, through its new JV in India, in equal partnership with Arcelik.

Voltas is one of the leading companies within the Tata group and is the undisputed market leader in room air conditioners in India with the largest category distribution network of dealers spread across the country. With state of the art manufacturing facilities at Vadodara and Pantnagar, Voltas possesses end to end capability in manufacturing of room and commercial air conditioners, refrigeration equipment, water coolers including commercial refrigerators and many more products in the air conditioning domain. Our products are futuristically designed and energy efficient for the ever-evolving smart consumer and supported by a highly responsive post sales service network. Founded by Jamsetji Tata in 1868, the Tata group is a global enterprise, headquartered in India, comprising 30 companies across ten verticals. The group operates in more than 100 countries across six continents, with a mission 'To improve the quality of life of the communities we serve globally, through long-term stakeholder value creation based on Leadership with Trust'.



Voltas Cassette ACs.
Uniform Cooling & More Savings.



Voltas Slimline ACs.
Powerful Cooling & Sleek Design.



FIXED SPEED COOLING ONLY TOWER AC



**AUTO
RESTART**



**INSTA COOL
COMPRESSOR**



**BURST PROOF
COMPRESSOR
CAPACITOR**



**SILENT
OPERATION**



**HYDROPHILIC
BLUE FIN
EVAPORATOR**



**120°
WIDE ANGLE
AIR THROW**



**INSTANT
COOLING**

Technical Specification

Set Model	Unit	4503505W- FAC 241 CZMM	4502882W1-FAC 361 CZMM	4502883W1-FAC 481 CZMM
Outdoor Model		ACDCUA02014GMT1	ACDCUA03014GMT1	ACDCUA04014HIT1
Indoor Model		4553345	4552721W	4552722W
Cooling Capacity	TR	2.0	3.0	4.0
Star Rating	Star	1	1	1
Rated Cooling Capacity	Watt	6150	10510	13200
Rated Current- Cooling	Amps	8.4	5.3	6.8
Rated Power Input- Cooling	Watt	1858	3750	4630
Rated ISEER	W/W	3.31	2.80	2.85
Power Supply	V/Hz/Ph	230 / 50 / 1	415 / 50 / 3	415 / 50 / 3
Air Flow Volume - Indoor	CMH	1000	1500	1500
Noise Level - Indoor	dB(A)	≤43	≤55	≤55
Operation		Non LCD	Non LCD	Non LCD
Compressor Type		Rotary	Twin Rotary	Twin Rotary
Refrigerant Gas		R32	R32	R32
Indoor Coil	Type	Hydrophilic Fin and Tube (inner grooved copper tube)		
Indoor Unit Dimension (WxHxD)	cm	51.5x175.5x31.5	55x182x40.5	55x182x40.5
Indoor Unit Net / Gross Weight	Kg	38.0/ 49.5	50.7/66.4	50.7/66.4
Outdoor Coil	Type	Fin and Tube (inner grooved copper tube)		
Outdoor Unit Dimension (WxHxD)	cm	85 x 66 x 33	102.0x86.0x40.0	102.0x86.0x40.0
Outdoor Unit Net / Gross Weight	Kg	41/43	62/68	67/73
Inter Connecting Pipe Sizes (Suction / liquid)	(mm)	15.88 / 9.52	15.88 / 9.52	15.88 / 9.52

Notes

- The Rated Values Confirm Standard is 1391 Part 2
- The Rated Values are at Indoor Conditions of 27 DBT/ 19 WBT and Outdoor Conditions of 35 DBT
- Packing and Weight Dimensions are Approximate and for Indication Purpose only
- The Above Specs are Subject to Change Without Notice as Product Revisions and Development is a Continuous Process in Voltas

FIXED SPEED - COOLING ONLY CASSETTE AC

**INSTA COOL
COMPRESSOR**

**FRESH AIR
INTAKE**

**SILENT
OPERATION**

**HYDROPHILIC
BLUE FIN
EVAPORATOR**

**COLD CATALYST
FILTER***

**8 WAY AIR FLOW
GRILL DESIGN***

**AUTO
RESTART**

**DRAIN
PUMP**

Technical Specification

Set Model	Unit	4503539W-181 CZ2AA	LUFCT18KC3S4AJ01	4503504M-241 CZ2MM
Outdoor Model		ACDCUA01514GMC1M	LCFCT18KC3S4AJ01	ACDCUA02014C2GMC1
Indoor Model		4553383MI	LEFCT18KC3S4AJ01	4553344M
Cooling Capacity	TR	1.5	1.5	2.0
Rated Capacity - Cooling	W	5150	5100	6100
Star Rating		1	3	1
Power supply	V-Ph-Hz	230-1-50	230-1-50	230-1-50
Rated Power Input- Cooling	W	1537	1325	1843
Rated Current	A	6.8	6.1	8.4
Rated ISEER	W/W	3.35	3.85	3.31
Compressor	Type	Rotary	Rotary	Rotary
Indoor air flow (Hi/Mi/Lo)	CMH	1200/880/730	1300/990/820	1200/990/820
Indoor noise level (Hi/Mi/Lo)	dB(A)	44/38/35	46/44/43	46/40/37
Operation		Wireless Non LCD Remote		
Indoor Coil	Type	Hydrophilic Fin and Tube (inner grooved copper tube)		
IDU Dimension Unit (WxHxD)	cm	83.0 x 20.5 x 83.0	84.5 x 24.5 x 84.5	83.0 x 20.5 x 83.0
Packing (WxHxD)	cm	91.0 x 25.0 x 91.0	95.0 x 32.8 x 95.0	91.0 x 25.0 x 91.0
IDU weight Net/Gross	kg	22.2/26	23/29	22.2/25.9
Grill Dimension Unit (WxHxD)	cm	95.0 x 5.5 x 95.0	95.0 x 5.2 x 95.0	95.0 x 5.5 x 95.0
Packing (WxHxD)	cm	103.5 x 9.0 x 103.5	103.4 x 11.8 x 101.0	103.5 x 9.0 x 103.5
Grill weight Net/Gross	kg	6 / 9	5.5 / 8	6 / 9
Outdoor Coil	Type	Fin and Tube (inner grooved copper tube)		
Outdoor dimension Unit (WxHxD)	cm	81 X 57 X 30	85.0 X 66.0 X 33.0	81 X 57 X 30
Packing (WxHxD)	cm	94.0 x 65.0 x 42.0	95.0 x 71.0 x 41.0	94.0 x 65.0 x 42.0
Outdoor weight Net/Gross	kg	36/39	40/42	41/43
Refrigerant	Type	R32		
Inter Connecting Pipe Sizes (Suction)	mm	12.7	12.7	15.88
Inter Connecting Pipe Sizes (liquid)	mm	6.35	6.35	9.52
Airflow Direction		8 Way Airflow	8 Way Airflow	8 Way Airflow
Air Filter Type		Anti-Dust	Anti-Dust	Anti-Dust

Notes

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FIXED SPEED - COOLING ONLY CASSETTE AC



**AUTO
RESTART**



**DRAIN
PUMP**



**INSTA COOL
COMPRESSOR**



**FRESH AIR
INTAKE**



**SILENT
OPERATION**



**HYDROPHILIC
BLUE FIN
EVAPORATOR**



**COLD CATALYST
FILTER***



**8 WAY AIR FLOW
GRILL DESIGN***

Technical Specification

Set Model	Unit	LUFCT24KC3S4AJ01	4502939AW1-CAS 361 CZAA	4502922AW1-CAS 481 CZAA
Outdoor Model		LCFCT24KC3S4AJ01	ACDCUA03014GMC1MI	ACDCUA04014HIC1M
Indoor Model		LEFCT24KC3S4AJ01	4552775AWMI	4552760AWMI
Cooling Capacity	TR	2.0	3.0	4.0
Rated Capacity - Cooling	W	6300	10510	13200
Star Rating		3	1	1
Power supply	V-Ph-Hz	230-1-50	415-3-50	415-3-50
Rated Power Input- Cooling	W	1635	3600	4630
Rated Current	A	7.5	5.1	6.8
Rated ISEER	W/W	3.85	2.92	2.85
Compressor	Type	Rotary	Twin Rotary	Twin Rotary
Indoor air flow (Hi/Mi/Lo)	CMH	1350/990/820	1955/1653/1403	1950/1790/1620
Indoor noise level (Hi/Mi/Lo)	dB(A)	47/44/43	53/50/46	54/52/49
Operation		Wireless Non LCD Remote		
Indoor Coil	Type	Hydrophilic Fin and Tube (inner grooved copper tube)		
IDU Dimension Unit (WxHxD)	cm	84.5 x 24.5 x 84.5	83.0 x 24.5 x 83.0	83.0 x 24.5 x 83.0
Packing (WxHxD)	cm	95.0 x 32.8 x 95.0	91.0 x 29.0 x 91.0	91.0 x 29.0 x 91.0
IDU weight Net/Gross	kg	24/30.5	25.8/29.9	28/32.1
Grill Dimension Unit (WxHxD)	cm	95.0 x 5.2 x 95.0	95.0 x 5.5 x 95.0	95.0 x 5.5 x 95.0
Packing (WxHxD)	cm	103.4 x 11.8 x 101.0	103.5 x 9.0 x 103.5	103.5 x 9.0 x 103.5
Grill weight Net/Gross	kg	5.5 / 8	6 / 9	6 / 9
Outdoor Coil	Type	Fin and Tube (inner grooved copper tube)		
Outdoor dimension Unit (WxHxD)	cm	85.0 X 66.0 X 33.0	102.0x86.0x40.0	102.0x86.0x40.0
Packing (WxHxD)	cm	95.0 x 71.0 x 41.0	104.0x87.0x41.0	104.0x87.0x41.0
Outdoor weight Net/Gross	kg	42/44	62/68	67/73
Refrigerant	Type	R32	R32	R32
Inter Connecting Pipe Sizes (Suction)	mm	15.88	15.88	15.88
Inter Connecting Pipe Sizes (liquid)	mm	9.52	9.52	9.52
Airflow Direction		8 Way Airflow	8 Way Airflow	8 Way Airflow
Air Filter Type		Anti-Dust	Anti-Dust	Anti-Dust

Notes

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INVERTER COOLING CASSETTE AC

HIGH EFFICIENCY

DRAIN PUMP

HYDROPHILIC COATING

POWER SAVINGS

COLD CATALYST FILTER*

8 WAY AIR FLOW GRILL DESIGN*
Technical Specification

Set Model	Unit	4503151N-CAS 183V CZ2MM	4503417N-CAS 243V CZ2MM	4503418N-CAS 363V CZ2MM	4503419NQ-CAS 482V CZ2MM
Outdoor Model		4513047N	4513319N	4513320N	4513322NQ
Indoor Model		4552988N	4553258N	4553259N	4553260NQ
Cooling Capacity	TR	1.5	2.0	3.0	4.0
Star Rating	Star	3	3	3	2
Rated Capacity - Cooling	W	5400	6700	10800	13200.0
Power supply	V-Ph-Hz	230-1-50	230-1-50	415-3-50	415-3-50
Rated Power Input- Cooling	W	1720	2110	3970	5630
Rated ISEER		4.05	3.9	3.6	3.11
Rated current-Cooling	A	7.9	9.7	5.8	8.2
Compressor	Type	Rotary	Rotary	Rotary	Rotary
Indoor air flow (Hi/Mi/Lo)	CMH	1040/760/630	1300/1000/820	1950/1600/1400	2100/1900/1700
Indoor noise level (Hi/Mi/Lo)	dB(A)	40/34/31	45/40/37	53.5/50/46.5	55/52/50
Operation		Wireless Non LCD Remote			
Indoor Coil	Type	Hydrophilic Fin and Tube (inner grooved copper tube)			
IDU Dimension Unit (WxHxD)	cm	83.0 x 20.5 x 83.0	83.0 x 20.5 x 83.0	83.0 x 24.5 x 83.0	83.0 x 24.5 x 83.0
Packing (WxHxD)	cm	91.0 x 25.0 x 91.0	91.0 x 25.0 x 91.0	91.0 x 29.0 x 91.0	91.0 x 29.0 x 91.0
IDU weight Net / Gross	kg	22.1/26.4	22.2/26.6	26/30.5	30 / 35
Grill Dimension Unit (WxHxD)	cm	95.0 x 5.5 x 95.0	95.0 x 5.5 x 95.0	95.0 x 5.5 x 95.0	95.0 x 5.5 x 95.0
Packing (WxHxD)	cm	103.5 x 9.0 x 103.5	103.5 x 9.0 x 103.5	103.5 x 9.0 x 103.5	103.5 x 9.0 x 103.5
Grill weight Net / Gross	kg	6 / 9	6 / 9	6 / 9	6 / 9
Outdoor Coil		Hydrophilic Fin and Tube (inner grooved copper tube)			
Outdoor dimension Unit (WxHxD)	cm	80.5 x 55.4 x 33.0	89.0 x 67.3 x 34.2	94.6 x 81.0 x 41.0	94.6 x 81.0 x 41.0
Packing (WxHxD)	cm	91.5 x 61.5 x 37.0	99.5 x 75.0 x 43.5	109.0 x 88.5 x 50.0	109.0 x 88.5 x 50.0
Outdoor weight Net / Gross	kg	25.8 / 28.4	33.3 / 36.5	58 / 62.5	65.5 / 70
Inter Connecting Pipe Sizes (Suction)	mm	12.7	15.88/	15.88	15.88
Inter Connecting Pipe Sizes (liquid)	mm	6.35	9.52	9.52	19.52
Refrigerant	Type	R32	R32	R32	R32
Airflow		8 Way Airflow	8 Way Airflow	8 Way Airflow	8 Way Airflow
Air Filter		Anti-Dust	Anti-Dust	Anti-Dust	Anti-Dust

Notes

- The Rated Values Confirm Standard is 1391 Part 2
- The Rated Values are at Indoor Conditions of 27 DBT/ 19 WBT and Outdoor Conditions of 35 DBT
- Packing and Weight Dimensions are Approximate and for Indication Purpose only
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ONE WAY CASSETTE AC (INVERTER H & C)



**AUTO
RESTART**



**DRAIN
PUMP**



**HYDROPHILIC
COATING**



**FRESH
AIR**



**WIRELESS
CONTROLLET**



**LED
DISPLAY**

Technical Specification

			OUTDOOR UNIT		
Set Code			VMMV12WDVDV36Q1LC1	VMMV18WDVDV56Q1LC1	VMMV21WDVDV71Q1LC1
Model No			VMM-V12WDHN1(LCV)	VMM-V18WDHN1(LCV)	VMM-V21WDHN1(LCV)
Capacity in HP			1.2	1.8	2.1
Capacity in TR			1.0	1.5	2.0
Power supply	V- Ph- Hz		220-240/1/ 50(60)		
Cooling	Capacity	kBtu/h	12	18	21
	Input	kW	3.5	5.3	6.2
Heating	Capacity	kBtu/h	13	20	20.5
	Input	kW	3.8	5.8	6
Connected indoor ratio	Total capacity		45-130% of ODU capacity	45-130% of ODU capacity	45-130% of ODU capacity
	Quantity		1~3	1~3	1~3
Compressor	Type		DC inverter	DC inverter	DC inverter
	Quantity		1	1	1
Fan	Oil type		RB74AF	RB74AF	RB74AF
	Motor type		DC motor	DC motor	DC motor
Outdoor air flow	Quantity		1	1	1
	Output	w	65	65	65
Sound pressure level		m3/h	2500	2700	2700
Net dimensions (WxHxD)		dB(A)	53	54	55
Packed dimensions (WxHxD)		mm	795 x 555 x 365	795 x 555 x 365	795 x 555 x 365
Net weight		mm	915 x 610 x 420	915 x 610 x 420	915 x 610 x 420
Gross weight		kg	35	35	35
Refrigerant	Type		38.5	38.5	38.5
	Factory charge	g	R410A	R410A	R410A
Pipe connections	Throttle type		1450	1450	1450
	Liquid pipe	mm	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
"Ambient Temp. operation range"	Gas pipe	mm	Φ6.35	Φ6.35	Φ6.35
	Cooling	°C	Φ12.7	Φ12.7	Φ12.7
Heating	°C		-15 to 55	-15 to 55	-15 to 55
			-15 to 28	-15 to 28	-15 to 28
			INDOOR UNIT		
Model No			VDV-D36Q1/N1-D(B)	VDV-D56Q1/N1-D(B)	VDV-D71Q1/N1-D(B)
Nominal TR/HP			1.03	1.6	2.03
Cooling Capacity		kW	3.6	5.6	7.1
Heating Capacity		kW	4.0	6.3	8.0
Power Input		W	41	48	60
Electric data	Power Supply	V, Hz, Ph	1-phase, 220-240V, 50Hz		
Performance	Air Flow (H/M/L)	m3/hr	573/456/315	792/688/549	933/749/592
	Sound Pressure Level (H/M/L)	dB(A)	39/37/34	42/40/36	44/41/37
Indoor unit	Net dimensions (WxHxD)	mm	1054x153x425	1275x189x450	1275x189x450
	Packed dimensions (WxHxD)	mm	1155x245x490	1370x295x505	1370x295x505
Panel	Net/Gross weight	kg	13/16.5	18.8/23.1	19.5/23.8
	Net dimensions (WxHxD)	mm	1180x25x465	1350x25x505	1350x25x505
Panel	Packed dimensions (WxHxD)	mm	1232x107x517	1410x95x560	1410x95x560
	Net/Gross weight	kg	3.5/5.2	4/5.4	4/5.4

- Notes**
- The cooling conditions: indoor temp: 27 °C DB (80.6 °F), 19 °C(WB (66.2 °F) outdoor temp: 35 °C DB (95 °F) equivalent pipe length: 5m drop length: 0m.
 - The heating conditions: indoor temp: 20 °C DB (68 °F), 15 °C WB (44.6 °F) outdoor temp: 7 °C DB (42.8 °F) equivalent pipe length: 5m drop length: 0m.
 - Sound level: Anechoic chamber conversion value, measured at a point 1m in front of the unit at a height of 1M for 28/26 model, 1.2M for 42 model. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 - Diameters given are those of the unit's stop valves.
 - The above data may be changed without notice for future improvement on quality and performance.
 - When the cooling ambient temperature is below -5 °C, the capacity of the IDU must be limited to at least 30% of the capacity of the the combined capacity of ODU.

FOUR WAY CASSETTE AC (INVERTER H & C)



HIGH EFFICIENCY



DRAIN PUMP



HYDROPHILIC COATING



POWER SAVINGS



COLD CATALYST FILTER*



8 WAY AIR FLOW GRILLE DESIGN*

Technical Specification

			OUTDOOR UNIT					
Set Code			VMMV21WDVDV71Q4LC1	VMMV28WDVDV90Q4LC1	VMMV36WDVDV112Q4LC1	VMMV42WDVDV112Q4LC1	VMMV48WDVDV140Q4LC1	
Model No			VMM-V21WDHN1(LCV)	VMM-V28WDHN1(LCV)	VMM-V36WDHN1 A(LCV)	VMM-V42WDHN1 A(LCV)	VMM-V48WDHN1(LCV)	
Capacity in HP			2.1	2.9	3.8	4.4	5.0	
Capacity in TR			2.0	2.3	3.0	3.5	4.0	
Power supply			V- Ph- Hz	220-240/1/ 50(60)	220-240/1/ 50(60)	220-240/1/ 50(60)	220-240/1/ 50(60)	220-240/1/ 50(60)
Cooling	Capacity	kBtu/h	21	27	34	42	47	
		kW	6.2	8	10	12.3	14	
Heating	Capacity	kBtu/h	20.5	30	41	47	54	
		kW	6	9	12	14	16	
Connected indoor ratio	Total capacity		45-130% of outdoor unit capacity					
	Quantity		1-3	1-4	1-5	1-7	1-8	
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter	DC inverter	
	Quantity		1	1	1	1	1	
	Oil type		RB74AF	RB74AF	VG74	VG74	RB74AF	
Fan	Motor type		DC motor	DC motor	DC motor	DC motor	DC motor	
	Quantity		1	1	1	1	1	
	Output	w	65	80	80	170	170	
Outdoor air flow		m3/h	2700	3750	4000	5000	5200	
Sound pressure level		dB(A)	55	54	54	56	56	
Net dimensions (WxHxD)		mm	795 x 555 x 365	910 x 712 x 426	910 x 712 x 426	950 x 840 x 440	950 x 840 x 440	
Packed dimensions (WxHxD)		mm	915 x 610 x 420	1045 x 810 x 485	1045 x 810 x 485	1025 x 950 x 510	1025 x 950 x 510	
Net weight		kg	35	49	52.5	62.5	75	
Gross weight		kg	38.5	53	56.5	69.5	82	
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
	Factory charge	g	1450	1700	2600	3200	3100	
Pipe connections	Throttle type		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
	Liquid pipe	mm	Φ6.35	Φ6.53	Φ9.53	Φ9.53	Φ9.53	
	Gas pipe	mm	Φ12.7	Φ15.9	Φ15.9	Φ15.9	Φ15.9	
Ambient Temp. operation range	Cooling	°C	-15 to 55	-15 to 55	-15 to 55	-15 to 55	-15 to 55	
	Heating	°C	-15 to 28	-15 to 28	-15 to 28	-15 to 28	-15 to 28	
			INDOOR UNIT					
Model No			VDV-D71Q4/N1-E(B)	VDV-D90Q4/N1-E(B)	VDV-D112Q4/N1-E(B)	VDV-D112Q4/N1-E(B)	VDV-D140Q4/N1-E(B)	
Nominal TR/HP			2.0	2.6	3.2	3.2	4	
Cooling Capacity			kW	7.1	9.0	11.2	14.0	
Heating Capacity			kW	8.0	10.0	12.5	16.0	
Power Input			W	88	140	165	176	
Electric data			V, Hz, Ph	1 phase, 220-240V, 50Hz	1 phase, 220-240V, 50Hz			
Performance	Air Flow (H/M/L)	m3/hr	950/767/663	1332/1129/908	1651/1304/1127	1651/1304/1127	1658/1335/1130	
	Sound Pressure Level (H/M/L)	dB(A)	38/36/35	43/39/38	45/42/40	45/42/40	46/41/39	
Indoor unit	Net dimensions (WxHxD)	mm	840x230x840	840x300x840	840x300x840	840x300x840	840x300x840	
	Packed dimensions (WxHxD)	mm	955x260x955	955x330x955	955x330x955	955x330x955	955x330x955	
	Net/Gross weight	kg	23.7/28.9	28.7/34.1	28.7/34.1	28.7/34.1	30.9/36.3	
Panel	Net dimensions (WxHxD)	mm	950x50x950	950x50x950	950x50x950	950x50x950	950x50x950	
	Packed dimensions (WxHxD)	mm	1035x89x1035	1035x89x1035	1035x89x1035	1035x89x1035	1035x89x1035	
Net/Gross weight		kg	5.8/7.9	5.8/7.9	5.8/7.9	5.8/7.9	5.8/7.9	

- Notes
- The cooling conditions: indoor temp: 27 °C DB (80.6 °F), 19 °C(WB (66.2 °F) outdoor temp: 35 °C DB (95 °F) equivalent pipe length: 5m drop length: 0m.
 - The heating conditions: indoor temp: 20 °C DB (68 °F), 15 °C WB (44.6 °F) outdoor temp: 7 °C DB (42.8 °F) equivalent pipe length: 5m drop length: 0m.
 - Sound level: Anechoic chamber conversion value, measured at a point 1m in front of the unit at a height of 1M for 28/26 model, 1.2M for 42 model. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 - Diameters given are those of the unit's stop valves.
 - The above data may be changed without notice for future improvement on quality and performance.
 - When the cooling ambient temperature is below -5 °C, the capacity of the IDU must be limited to at least 30% of the capacity of the combined capacity of ODU.

FIXED SPEED COOLING ONLY MEGA SPLIT AC



REMOTE CONTROL



INTELLIGENT DEFROSTING



FAST COOLING HEATING



SLEEP MODE



DIGITAL TUBE DISPLAY



ANTI COLD AIR

Technical Specification

OUTDOOR UNIT			
Model No.	Sub Category	Unit	4503150W1-Mega HW 361 CZMM
Outdoor Model			ACDCUA03014GMH1V
Rated Capacity	Rated Tonnage	TR	3
	Cooling	KW	10.51
	Heating	KW	NA
Star Rating	Star		1
Rated ISEER		kW/kW	2.92
Electrical Input Power	Power Supply	V-Hz,Ph	415 / 50 / 3
	Cooling Power Input	w	3600
	Heating Power Input	w	NA
Coil		Type	Fin and Tube (inner grooved copper tube)
Compressor		Type	Twin Rotary
		Quantity	1
Fan motor		Type	AC
		Quantity	1
Fan		Type	Axial
		Quantity	1
Sound Pressure		db	< 65
Unit Dimension	Net (WxHxD)	cm	102.0x86.0x40.0
Weight	Net/Gross	kg	62/68
	Cooling	c	Up to 48°C
Ambient condition range	Heating	c	NA
Refrigerant			R32
Pipe Diameter	Liquid Side	Inch(mm)	3/8 (9.52)
	Gas Side	Inch(mm)	5/8 (15.88)
INDOOR UNIT			
Indoor Model			4552987WV
Rated Input Power	W	W	3600
Rated airflow (H/M/L)		CMH	1450
Coil		Type	Hydrophilic Fin and Tube (inner grooved copper tube)
Sound Level (H/M/L)		db (A)	As per IS 1391 (Part 2) 2023 (Fourth Revision)
Unit Dimension	Net (WxDxH)	mm	1130 x 235 x 315
Weight	Net/Gross	kg	14.3/16.6
Remote controller			Wireless Non LCD Remote

Notes

- The rated values confirm standard is 1391 part 2
- The rated values are at indoor conditions of 27 dbt/ 19 wbt and outdoor conditions of 35 dbt
- Packing and weight dimensions are approximate and for indication purpose only
- The above specs are subject to change without notice as product revisions and development is a continuous process in voltas

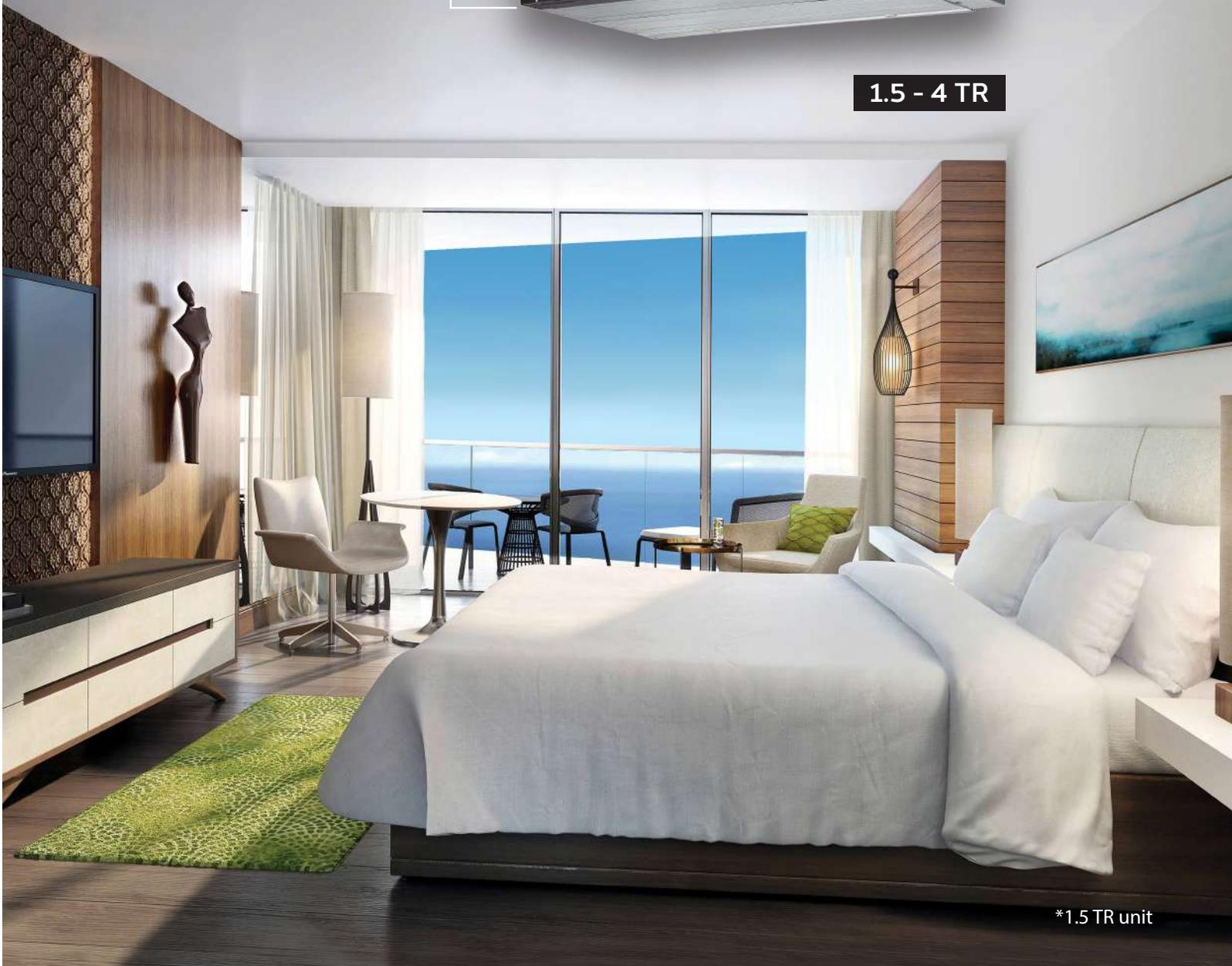
HIDEAWAY DUCTED UNIT

ULTRA-THIN DESIGN

195mm*



1.5 - 4 TR



*1.5 TR unit

FIXED SPEED COOLING ONLY SLIM DUCT AC



WIRED & REMOTE CONTROLLER



AUTO RESTART



HYDROPHILIC COATING



COMPACT AND SLEEK DESIGN



EASY INSTALLATION AND MAINTENANCE



SILENT OPERATION

Technical Specification

Model Name	Unit	1.5 Ton Ducted Split AC	2.0 Ton Ducted Split AC
Unit Model number		DUFCT18KD0S4JJ01	DUFCT24KD0S4JJ01
Indoor unit model number		DEFCT18KD0S4JJ01	DEFCT24KD0S4JJ01
Outdoor unit model number		DCFCT18KD0S4JJ01	DCFCT24KD0S4JJ01
Rated Capacity Cooling	Watts	5100	6200
Rated Input Power Cooling	Watts	1588	1985
EER	W/W	3.21	3.12
Power Supply	V-Ph-Hz	230-1-50	230-1-50
Rated Current - Cooling	A	7.0	8.8
Compressor		Rotary	Rotary
Indoor Airflow	CMH	870	910
Operation		Wireless & Wired Remote	Wireless & Wired Remote
Indoor Coil	Type	Hydrophilic Fin and Tube (inner grooved copper tube)	
IDU Dimension (WxHxD)	cm	106.04 x 18.5 x 50.4	120.14 x 21.48 x 48.46
IDU Dimension Packing (WxHxD)	cm	130.0 x 25.0 x 54.5	146.0 x 26.0 x 53.0
IDU weight (Net/Gross)	Kg	19 / 23	29 / 33
Outdoor Coil	Type	Fin and Tube (inner grooved copper tube)	
ODU Dimension (WxHxD)	cm	78 x 55 x 24.5	81.8 x 60.0 x 30.2
ODU Dimension Packing (WxHxD)	cm	90.0 x 58.5 x 34.5	95.0 x 63.0 x 43.0
ODU Weight (Net/Gross)	kg	35 / 39	38 / 42
Inter Connecting Pipe Sizes (Suction / liquid)	mm	12.7 / 6.35	15.88 / 9.52
Refrigerant		R32	R32
Air Filter		Anti-Dust	Anti-Dust

Notes

- The Rated Values Confirm Standard is 8148
- The Rated Values Are At Indoor Conditions Of 27 DBT/ 19 WBT and Outdoor Conditions Of 35 DBT
- Packing And Weight Dimensions Are Approximate And For Indication Purpose Only
- The Above Specs Are Subject To Change Without Notice As Product Revisions And Development Is A Continuous Process In Voltas

FIXED SPEED H & C SLIM DUCT AC

**WIRED & REMOTE
CONTROLLER**

**AUTO
RESTART**

**HYDROPHILIC
COATING**

**COMPACT AND
SLEEK DESIGN**

**EASY
INSTALLATION AND
MAINTENANCE**

**SILENT
OPERATION**
Technical Specification

Model Name	Unit	1.5 Ton Ducted Split AC	2.0 Ton Ducted Split AC
Unit Model number		DUFHC18KD0S4JJ01	DUFHC24KD0S4JJ01
Indoor unit model number		DEFHC18KD0S4JJ02	DEFHC24KD0S4JJ02
Outdoor unit model number		DCFHC18KD0S4JJ03	DCFHC24KD0S4JJ03
Rated Capacity Cooling	Watts	5100	6000
Rated Capacity Heating	Watts	5100	6000
Rated Input Power Cooling	Watts	1588	1985
Rated Input Power Heating	Watts	1450	1650
EER (Cooling)		3.21	3.02
EER (Heating)		3.52	3.64
Power Supply	V-Ph-Hz	230-1-50	230-1-50
Rated Current - Cooling	A	7.0	8.8
Rated Current - Heating	A	6.6	7.6
Compressor		Rotary	Rotary
Indoor Coil	Type	Hydrophilic Fin and Tube (inner grooved copper tube)	
Indoor Airflow - Cooling	CMH	870	910
Indoor Airflow - Heating	CMH	920	1040
Operation		Wireless & Wired Remote	Wireless & Wired Remote
IDU Dimension (WxHxD)	cm	106.04 x 18.5 x 50.4	120.14 x 21.48 x 48.46
IDU Dimension Packing (WxHxD)	cm	130.0 x 25.0 x 54.5	146.0 x 26.0 x 53.0
IDU weight (Net/Gross)	Kg	19 / 23	29 / 33
Outdoor Coil		Hydrophilic Fin and Tube (inner grooved copper tube)	
ODU Dimension (WxHxD)	cm	78 x 55 x 24.5	81.8 x 60.0 x 30.2
ODU Dimension Packing (WxHxD)	cm	90.0 x 58.5 x 34.5	95.0 x 63.0 x 43.0
ODU Weight (Net/Gross)	kg	37 / 41	40 / 44
Inter Connecting Pipe Sizes (Suction / liquid)	mm	12.7 / 6.35	15.88 / 9.52
Refrigerant		R32	R32
Air Filter		Anti-Dust	Anti-Dust

Notes

- The Rated Values Confirm Standard Is 8148
- "The Rated Values Are At For Cooling : Indoor Conditions 27 Dbt/ 19 WBT And Outdoor Conditions Of 35 Dbt
- For Heating : Indoor Conditions 20 DBT/ 15 WBT And Outdoor Conditions Of 7 DBT / 6 WBT"
- Packing And Weight Dimensions Are Approximate And For Indication Purpose Only
- The Above Specs Are Subject To Change Without Notice As Product Revisions And Development Is A Continous Process In Voltas

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Life Cycle Support



Remote Monitoring



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24x7 Helpdesk

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- We are brand agnostic and offer solutions for maintaining any Chillers
- We also assist to modify, revamp or upgrade your old HVAC system - We are there for you
- We provide IOT for large HVAC system in industrial, commercial and retail applications
- We improve indoor air quality (IAQ)

Voltas National Network

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Customer Care
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- Electro-mechanical Services
- HVAC
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