



lavita

VRF General catalouge
2021

TMVS



Line up of outdoor unit

- **lavita** TMVS Series is a range of high performance Full DC Inverter VRF System from 8HP to 28HP in 2HP increments, meeting all customer requirements from small to large projects.

• دستگاه های VRF برند **lavita** با تکنولوژی Full DC Inverter و در ظرفیتهای ۸ تا ۳۶ اسب بخار (فقط با یک یونیت خارجی) و تا ۱۱۲ اسب بخار با ترکیب یونیت های خارجی ، توانایی پوشش دهی هر پروژه ای از کوچکترین فضا تا بزرگترین پروژه ها را دارا هستند .

↓ 8~12 HP



30~36 HP



↓ 14~22 HP



24~28 HP



Notes:

- 1.The design of this unit shall comply with the Standard GB/T18837-2002
- 2.Cooling conditions:indoor temperature:27 DB,19 DB Outdoor temperature:35 DB,24 WB; equivalent tubing length:10m;height difference:0m;
- 3.Heating conditions:indoor temperature:20 DB,15 DB Outdoor temperature:7 DB,6 WB; equivalent tubing length:10m;height difference:0m;
- 4.The running noise recorded in this sample is the value tested in the semi-anechoic chamber. in the actual installation state,its value is generally higher than the recorded value in this sample due to the impact of surrounding background noise;
- 5.Due to the continuous optimization and technical progress of the product,the data are subject to any change without notice. The parameters in the nameplate shall prevail.

توجه

تمامی اطلاعات فنی درج شده در این کاتالوگ، در راستای پیشرفت در طراحی و افزایش کیفیت شاید بدون اطلاع قبلی تغییر کنند.



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Combination of outdoor units

Recommended combination							
Capacity (HP)	Combination	Model	Number of indoor units that can be connected	Capacity (HP)	Combination	Model	Number of indoor units that can be connected
8	8	TMV-Vd+252W/N1S-C	13	62	22+22+18	TMV-Vd+1734W/N1S-C	80
10	10	TMV-Vd+280W/N1S-C	16	64	22+22+20	TMV-Vd+1790W/N1S-C	80
12	12	TMV-Vd+335W/N1S-C	19	66	22+22+22	TMV-Vd+1845W/N1S-C	80
14	14	TMV-Vd+400W/N1S-C	23	68	28+22+18	TMV-Vd+1904W/N1S-C	80
16	16	TMV-Vd+450W/N1S-C	26	70	28+22+20	TMV-Vd+1960W/N1S-C	80
18	18	TMV-Vd+504W/N1S-C	29	72	28+22+22	TMV-Vd+2015W/N1S-C	80
20	20	TMV-Vd+560W/N1S-C	33	74	28+28+18	TMV-Vd+2074W/N1S-C	80
22	22	TMV-Vd+615W/N1S-C	36	76	28+28+20	TMV-Vd+2130W/N1S-C	80
24	24	TMV-Vd+680W/N1S-C	39	78	28+28+22	TMV-Vd+2185W/N1S-C	80
26	26	TMV-Vd+730W/N1S-C	43	80	28+28+24	TMV-Vd+2250W/N1S-C	80
28	28	TMV-Vd+785W/N1S-C	46	82	28+28+26	TMV-Vd+2300W/N1S-C	80
30	30	TMV-Vd850WT/N1S-C	50	84	28+28+28	TMV-Vd+2355W/N1S-C	80
32	32	TMV-Vd900WT/N1S-C	53	86	22+22+22+20	TMV-Vd+2405W/N1S-C	80
34	34	TMV-Vd950WT/N1S-C	56	88	22+22+22+22	TMV-Vd+2460W/N1S-C	80
36	36	TMV-Vd1000WT/N1S-C	59	90	28+22+22+18	TMV-Vd+2519W/N1S-C	80
38	22+16	TMV-Vd+1065W/N1S-C	63	92	28+22+22+20	TMV-Vd+2575W/N1S-C	80
40	22+18	TMV-Vd+1119W/N1S-C	66	94	28+22+22+22	TMV-Vd+2630W/N1S-C	80
42	22+20	TMV-Vd+1175W/N1S-C	69	96	28+28+22+18	TMV-Vd+2689W/N1S-C	80
44	22+22	TMV-Vd+1230W/N1S-C	72	98	28+28+22+20	TMV-Vd+2745W/N1S-C	80
46	28+18	TMV-Vd+1289W/N1S-C	75	100	28+28+22+22	TMV-Vd+2800W/N1S-C	80
48	28+20	TMV-Vd+1345W/N1S-C	78	102	28+28+28+18	TMV-Vd+2859W/N1S-C	80
50	28+22	TMV-Vd+1400W/N1S-C	80	104	28+28+28+20	TMV-Vd+2915W/N1S-C	80
52	28+24	TMV-Vd+1465W/N1S-C	80	106	28+28+28+22	TMV-Vd+2970W/N1S-C	80
54	28+26	TMV-Vd+1515W/N1S-C	80	108	28+28+28+24	TMV-Vd+3035W/N1S-C	80
56	28+28	TMV-Vd+1570W/N1S-C	80	110	28+28+28+26	TMV-Vd+3085W/N1S-C	80
58	22+22+14	TMV-Vd+1630W/N1S-C	80	112	28+28+28+28	TMV-Vd+3140W/N1S-C	80
60	22+22+16	TMV-Vd+1680W/N1S-C	80				

Specifications of the Outdoor Unit

- **lavita** TMVS Series Full DC Inverter VRF System from 8HP to 28HP.

Modular Outdoor Unit

380-415V 50Hz

Model TMV-Vd+(***)W/N1S-C		252	280	335	400	450	504	560	615	680	730	785	
Cooling capacity	(kW)	25.2	28	33.5	40	45	50.4	56	61.5	68	73	78.5	
Heating capacity	(kW)	27	31.5	37.5	45	50	56	63	69	75	81.5	87.5	
Cooling Consumed power	(kW)	5.4	6.9	8.7	10.7	12.85	14.15	16.2	18.25	19.7	21.7	23.4	
Heating Consumed power	(kW)	5.8	7	8.75	10.8	12.25	14.3	15.7	17.5	18.7	19.95	21.8	
IPLV	(W/W)	9.50	9.30	9.10	8.90	8.75	8.60	8.55	8.45	8.45	8.40	8.35	
APF	W·h/ (W·h)	5.1	5	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	
Compressor Type	—	DC Inverter Scroll Compressor											
Dimension (WxDxH)	(mm)	930x1740x780				1310x1740x780				1580x1740x780			
Fan	Type		Propeller fan										
	Air Volume	m³/h	11000	11000	11500	13500	14000	15500	19000	19000	23000	26000	26000
	Levels		Stepless speed regulation										
Pipe	Gas side	(mm)	25.4 (Welding)			28.6 (Welding)				31.8 (Welding)			
	Liquid side	(mm)	12.7 (Welding)				15.88(Welding)				19.05 (Welding)		
Net Weight		kg	225	225	235	270	270	330	350	350	380	400	400
Refrigerant	Type		R410A										
	Control method		Electronic expansion valve										
	Quantity(kg)		9	9	10	13	13	14	14	16	19	22	22
Running noise		dB(A)	58	58	58	60	61	61	63	63	64	64	65

Individual Outdoor Unit

380-415V 50Hz

Model TMV-Vd+(***)W/N1S-C		850	900	950	1000
Cooling capacity	(kW)	85	90	95	100
Heating capacity	(kW)	95	100	106	112
Cooling Consumed power	(kW)	25.4	26.95	29.65	32.61
Heating Consumed power	(kW)	23.8	25.7	28.27	31.1
IPLV	(W/W)	8.30	8.20	8.10	7.90
APF	W·h/(W·h)	4	3.9	3.8	3.7
Compressor Type	—	DC Inverter Scroll Compressor			
Dimension (WxDxH)	(mm)	2200x1740x820			
Fan	Type	Propeller fan			
	Air Volume	m ³ /h	27000	27000	29000
	Levels	Stepless speed regulation			
Pipe	Gas side	(mm)	34.9 (Welding)		
	Liquid side	(mm)	19.05 (Welding)		
Net Weight	kg	500	500	500	500
Refrigerant	Type	R410A			
	Control method	Electronic expansion valve			
	Quantity(kg)	25	25	28	28
Running noise	dB(A)	65	66	66	67



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Specifications of the Outdoor Unit

2 Modules Combination

Model TMV-Vd+(***)W/N1S-C			1065	1119	1175	1230	1289	1345	1400	1465	1515	1570
Cooling capacity		(kW)	106.5	111.9	117.5	123	128.9	134.5	140	146.5	151.5	157
Heating capacity		(kW)	119	125	132	138	143.5	150.5	156.5	162.5	169	175
Cooling Consumed power		(kW)	34.49	36.55	39.56	41.29	40.24	43.25	44.98	46.39	46.95	48.67
Heating Consumed power		(kW)	30.98	33.27	34.56	36.75	37.20	38.49	40.68	42.28	42.71	44.61
Compressor Type		—	DC Inverter Scroll Compressor									
Dimension (WxDxH)		(mm)	(1310x1740x780)x2			1580x1740x780+1310x1740x780				(1580x1740x780)x2		
Fan	Type		Propeller fan									
	Air Volume	m³/h	33000	34500	38000	38000	41500	45000	45000	49000	52000	52000
Pipe	Levels		Stepless speed regulation									
	Gas side	(mm)	φ38.1 (Welding)									
	Liquid side	(mm)	φ19.05(Welding)									
Net Weight		kg	620	680	700	700	730	750	750	780	800	800
Refrigerant	Type		R410A									
	Control method		Electronic expansion valve									
	Quantity(kg)	(kg)	27	29	30	30	32	33	33	34	34	36
Running noise		dB(A)	63	63	63	63	65	65	65	65	65	65

Specifications of the Outdoor Unit

• 3 Modules Combination

Model TMV-Vd+(***)W/N1S-C		1630	1680	1734	1790	1845	1904	1960	2015	2074	2130	2185	2250	2300	2355	
Cooling capacity	(kW)	163	168	173.4	179	184.5	190.4	196	201.5	207.4	213	218.5	225	230	235.5	
Heating capacity	(kW)	183	188	194	201	207	212.5	219.5	225.5	231	238	244	250	256.5	262.5	
Cooling Consumed power	(kW)	53.35	55.13	57.19	60.20	61.93	60.88	63.89	65.62	64.57	67.58	69.31	70.73	71.28	73.00	
Heating Consumed power	(kW)	47.82	49.35	51.65	52.94	55.12	55.58	56.87	59.05	59.51	60.80	62.98	64.58	65.01	66.91	
Compressor Type	-	DC Inverter Scroll Compressor														
Dimension(WxHxD)	(mm)	(1310x1740x780)x3				1580x1740x780+(1310x1740x780)x2				(1580x1740x780)x2+1310x1740x780				(1580x1740x780)x3		
	Type	Propeller fan														
Fan	Air Volume	m³/h	51500	52000	53500	57000	57000	60500	64000	64000	67500	71000	71000	78000	78000	78000
	Levels		Stepless speed regulation													
Pipe	Gas side	(mm)	φ41.2 (Welding)							φ44.5 (Welding)						
	Liquid side	(mm)	φ22.2 (Welding)													
Net Weight	kg	970	970	1030	1030	1030	1080	1100	1100	1130	1130	1130	1180	1180	1200	
Refrigerant	Type	R410A														
	Control method	Electronic expansion valve														
	Quantity	(kg)	42	42	44	45	45	47	48	48	50	51	51	52	52	54
Running noise	dB(A)	63	63	63	63	63	65	65	65	65	65	65	65	65	65	

• 4 Modules Combination

Model		2405	2460	2519	2575	2630	2689	2745	2800	2859	2915	2970	3035	3085	3140	
TMV-Vd+(***)W/N1S-C																
Cooling capacity	(kW)	240.5	246	251.9	257.5	263	268.9	274.5	280	285.9	291.5	297	303.5	308.5	314	
Heating capacity	(kW)	270	276	281.5	288.5	294.5	300	307	313	325.5	325.5	331.5	337.5	344	350	
Cooling Consumed power	(kW)	80.84	82.57	81.52	84.53	86.26	85.21	88.22	89.95	88.90	91.92	93.64	95.06	95.61	97.34	
Heating Consumed power	(kW)	71.31	73.50	73.95	75.24	77.43	77.88	79.17	81.36	81.81	83.10	85.29	86.89	87.32	89.22	
Compressor Type	-	DC Inverter Scroll Compressor														
Dimension(WxHxD)(mm)		1580x1740x780+(1310x1740x780)x3					1580x1740x780x2+(1310x1740x780)x2		(1580x1740x780)x3+1310x1740x780x1			(1580x1740x780)x4				
	Type	Propeller fan														
Fan	Air Volume	m³/h	76000	76000	79500	83000	83000	86500	90000	90000	93500	97000	97000	101000	104000	104000
	Levels		Stepless speed regulation													
Pipe	Gas side	(mm)	φ44.5				(Welding)				φ54				(Welding)	
	Liquid side	(mm)	φ22.2				(Welding)				φ28.6					
Net Weight	kg	1380	1380	1430	1450	1450	1480	1480	1480	1530	1550	1550	1580	1580	1600	
Refrigerant	Type	R410A														
	Control method	Electronic expansion valve														
	Quantity	(kg)	60	60	62	63	63	65	66	66	68	69	69	70	70	72
Running noise	dB(A)	65	65	65	65	65	65	65	65	65	65	65	65	65	65	



Specifications of Mini VRF Unit

- **lavita** mini VRF Series is a range of high performance DC Inverter VRF System from 10kw to 28kw ,meeting all customer requirements from small to large projects, providing various air conditioning solution.

• دستگاه های VRF برند **lavita** با بهره وری و کارایی بسیار بالایی که دارند ، دامنه ای ۱۰ تا ۲۸ کیلو وات را پوشش می دهند که قدرت پاسخگویی به همه نیازهای مشتری از پروژه های کوچک تا بزرگ را دارد .



Model		TMV-Vd100W/N1	TMV-Vd120W/N1	TMV-Vd140W/N1	TMV-Vd160W/N1	TMV-Vd224W/N1S	TMV-Vd252W/N1S	TMV-Vd280W/N1S
Cooling capacity(kW)		10	12	14	16	22.4	25.2	28
Heating capacity(kW)		12	14	16	17.6	24.5	27	30.8
Cooling consumed power(kW)		2.76	3.36	4.00	4.80	7.20	8.25	9.10
Heating consumed power(kW)		2.65	3.25	3.90	4.60	7.10	8.50	9.50
Power supply		220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	380V ~ 3N/50Hz	380V ~ 3N/50Hz	380V ~ 3N/50Hz
Cooling current(A)		12.9	15.7	18.7	22.5	11.5	13.2	14.6
Heating current(A)		12.4	15.2	18.3	21.6	11.4	13.6	15.2
Efficiency	IPLV(C)	6.2	6.3	6.2	6.1	6.2	6.1	6.0
	APF	4.6	4.3	4.2	4.1	3.8	3.7	3.9
Running noise	dB(A)	56	57	57	58	60	60	61
Horse power	HP	4	5	5	6	8	9	10
Dimension(WxDxH) (mm)		940×340×910	940×340×1250	940×340×1250	940×340×1250	1120×400×1560	1120×400×1560	1120×400×1560
Gross weight(Kg)		75	100	100	104	140	140	145
Gross weight(Kg)		85	110	110	114	163	163	168
Pipe	Gas(mm)	φ19.05	φ19.05	φ19.05	φ19.05	φ22.2	φ22.2	φ22.2
	Liquid(mm)	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52	φ9.52
	Connect type	screw	screw	screw	screw	screw/welding	screw/welding	screw/welding

Specifications of the indoor Unit



Cassette

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)		Weight (Kg)		Air Volume (m³/h)	Max static pressure (Pa)	Running Noise dB(A) (Hi/Me/Lo)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)	IDU	Panel	IDU	Panel				Gas (mm)	Liquid (mm)	Connect type		
TMV(d)-V28Q8/N1Y	2.8	3.2	220V~50Hz	0.36	0.08	0.36	0.08	840×840×230	950×950×30	27/30	6/9	750	/	36/33/32	12.7	6.35	Screw Joint	Φ32 (ID25, OD32)	Remote/Wired/ Centralized control
TMV(d)-V36Q8/N1Y	3.6	4.0										750							
TMV(d)-V45Q8/N1Y	4.5	5.0										850							
TMV(d)-V50Q8/N1Y	5	5.6										850							
TMV(d)-V56Q8/N1Y	5.6	6.3										850							
TMV(d)-V63Q8/N1Y	6.3	7.1		1200	37/35/33														
TMV(d)-V71Q8/N1Y	7.1	8.0		1200															
TMV(d)-V80Q8/N1Y	8	9.0		1200															
TMV(d)-V90Q8/N1(S)Y	9	10.0		1800															
TMV(d)-V100Q8/N1(S)Y	10	11.2		1800															
TMV(d)-V112Q8/N1(S)Y	11.2	12.5		840×840×300	35/38	40/38/35													
TMV(d)-V125Q8/N1(S)Y	12.5	14.0					1800												
TMV(d)-V140Q8/N1(S)Y	14	16.0					1800												
TMV(d)-V160Q8/N1(S)Y	16	18.0					1800												
			1800																

Middle Static Pressure Duct



Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m³/h)	Max static pressure (Pa)	Running Noise dB(A)	Pipe		Drain Pipe (mm)	Control Type	
				Current (A)	Input (KW)	Current (A)	Input (KW)					Gas	Liquid	Connect type			
												(Hi/Me/Lo)	(mm)				(mm)
TMV(d)-V63F2/N1Y	6.3	7.1	220V~50Hz	0.74	0.16	0.74	0.16	920×570×270	26/28	1100	50	46/37/35	15.88	9.52	Screw Joint	ø 25 (ID20, OD25)	Remote/ Wired/ Centralized control
TMV(d)-V71F2/N1Y	7.1	8.0															
TMV(d)-V80F2/N1Y	8	9.0															
TMV(d)-V90F2/N1Y	9	10.0		1.5	0.33	1.5	0.33	1140×710×270	36/38	1700	80	50/44/41					
TMV(d)-V100F2/N1Y	10	11.2															
TMV(d)-V112F2/N1Y	11.2	12.5															
TMV(d)-V125F2/N1Y	12.5	14.0		1.78	0.39	1.78	0.39	1200×800×300	46/48	2200	100	54/46/43					
TMV(d)-V140F2/N1Y	14	16.0															
TMV(d)-V160F2/N1Y	16	18.0															

Notes:

- The design of this unit shall comply with the Standard GB/T18837-2002
- Cooling conditions:indoor temperature:27 DB,19 DB Outdoor temperature:35 DB,24 WB; equivalent tubing length:10m;height difference:0m;
- Heating conditions:indoor temperature:20 DB,15 DB Outdoor temperature:7 DB,6 WB; equivalent tubing length:10m;height difference:0m;
- The running noise recorded in this sample is the value tested in the semi-anechoic chamber. in the actual installation state,its value is generally higher than the recorded value in this sample due to the impact of surrounding background noise;
- Due to the continuous optimization and technical progress of the product,the data are subject to any change without notice. The parameters in the nameplate shall prevail.

توجه

تمامی اطلاعات فنی درج شده در این کاتالوگ، در راستای پیشرفت در طراحی و افزایش کیفیت شاید بدون اطلاع قبلی تغییر کنند.



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Specifications of the indoor Unit



Ceiling&Floor

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m³/h)	Running Noise dB(A) (Hi/Me/Lo)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)					Gas (mm)	Liquid (mm)	Connect type		
TMV-V45ZD/N1Y	4.5	5	220V~50Hz	0.46	0.102	0.46	0.102	1055×675×235	24	960	44/42/39	12.7	6.35	Screw Joint	Φ25 (ID20, OD25) PVC	Remote/Wired/Centralized control
TMV-V50ZD/N1Y	5	5.6														
TMV-V56ZD/N1Y	5.6	6.3														
TMV-V63ZD/N1Y	6.3	7.1		0.68	0.149	0.68	0.149	1275×675×235	25	1200	46/44/41	15.88	9.52	Screw Joint	Φ25 (ID20, OD25) PVC	Remote/Wired/Centralized control
TMV-V71ZD/N1Y	7.1	8														
TMV-V80ZD/N1Y	8	9														
TMV-V90ZD/N1Y	9	10		0.72	0.158	0.72	0.158	1275×675×235	29	1600	50/48/45	15.88	9.52	Screw Joint	Φ25 (ID20, OD25) PVC	Remote/Wired/Centralized control
TMV-V100ZD/N1Y	10	11.2														
TMV-V112ZD/N1Y	11.2	12.5														
TMV-V125ZD/N1Y	12.5	14		1.07	0.235	1.07	0.235	1635×675×235	38	2000	52/50/47	15.88	9.52	Screw Joint	Φ25 (ID20, OD25) PVC	Remote/Wired/Centralized control
TMV-V140ZD/N1Y	14	16														
TMV-V160ZD/N1Y	16	18.0														



Wall Mounted

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m³/h)	Running Noise dB(A) (Hi/Me/Lo)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)					Gas (mm)	Liquid (mm)	Connect type		
TMV(d)-V18G/N1Y(KC)	1.8	2.2	220V~50Hz	0.14	0.03	0.14	0.03	770×250×180	8/8.5	550	38/36/33	9.52	6.35	Screw Joint	Φ16 PVC	Remote/Wired/Centralized control
TMV(d)-V22G/N1Y(KC)	2.2	2.5														
TMV(d)-V28G/N1Y(KC)	2.8	3.2														
TMV(d)-V36G/N1Y(KC)	3.6	4.0		0.19	0.04	0.19	0.04	806×292×182	9.5/10	650	40/38/35	12.7	6.35	Screw Joint	Φ16 PVC	Remote/Wired/Centralized control
TMV(d)-V45G/N1Y(KC)	4.5	5.0														
TMV(d)-V50G/N1Y(KC)	5	5.6														
TMV(d)-V56G/N1Y(KC)	5.6	6.3		0.21	0.05	0.21	0.05	903×292×182	10/11.5	750	44/41/39	12.7	6.35	Screw Joint	Φ16 PVC	Remote/Wired/Centralized control

Specifications of the indoor Unit



Slim Duct

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m³/h)	Max static pressure (Pa)	Running Noise dB(A) (Hi/Me/Lo)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)						Gas (mm)	Liquid (mm)	Connect type		
TMV(d)-V18F5/N1Y	1.8	2.2	220V~50Hz	0.18	0.036	0.18	0.036	700×450×200	14/15	520	12	32/27/24	9.52	6.35	Screw Joint	Φ25 (ID20, OD25)	Remote/Wired/ Centralized control
TMV(d)-V22F5/N1Y	2.2	2.5															
TMV(d)-V28F5/N1Y	2.8	3.2		0.28	0.06	0.28	0.06		15/16	600		35/29/26	12.7				
TMV(d)-V36F5/N1Y	3.6	4.0															
TMV(d)-V45F5/N1Y	4.5	5.0		0.38	0.082	0.38	0.082	920×450×200	19/20	850		39/32/29					
TMV(d)-V50F5/N1Y	5	5.6															
TMV(d)-V56F5/N1Y	5.6	6.3		0.4	0.089	0.40	0.089		31/32	1200	20	39/34/29					
TMV(d)-V63F5/N1Y	6.3	7.1															
TMV(d)-V71F5/N1Y	7.1	8.0		0.62	0.136	0.62	0.136	1300×450×200	33/34	1250	30	41/37/32	15.88	9.52			
TMV(d)-V80F5/N1Y	8	9.0															



High Static Pressure Duct

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m³/h)	Maximum external static pressure (Pa)	Running Noise dB(A) (Hi/Me/Lo)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)						Gas (mm)	Liquid (mm)	Connect type		
TMV-V63F1/N1Y	6.3	7.1	220V~50Hz	1.4	0.28	1.4	0.28	850×590×380	49	1260	196	50/48/46	15.88	9.52	Screw Joint	Φ25 (ID20, OD25) PVC	Remote/Wired/ Centralized control
TMV-V71F1/N1Y	7.1	8															
TMV-V80F1/N1Y	8	9		2	0.42	2	0.42	1200×590×380	58	1860	53/51/49						
TMV-V90F1/N1Y	9	10								2020							
TMV-V100F1/N1Y	10	11.2								2150							
TMV-V112F1/N1Y	11.2	12.5								2300							
TMV-V125F1/N1Y	12.5	14								2400							
TMV-V140F1/N1Y	14	16															
TMV-V160F1/N1Y	16	18.0															



Fresh Air Processing Unit

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m³/h)	Maximum external static pressure (Pa)	Running Noise dB(A)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)						Gas (mm)	Liquid (mm)	Connect type		
												(Hi/Me/Lo)					
TMV-V140F1/XFN1Y	15.5	10	220V~50Hz	2	0.42	2	0.42	1200x590x380	58	2050	130/196	45/41/39	15.88	9.52	Screw Joint	φ 25 (ID20, OD25) PVC	Remote/Wired/ Centralized control
TMV-V280F1/XFN1Y	28	20		5.3	1.1	5.3	1.1	1366x758x470	120	3000	200	53	25.4	12.7	Welding		
TMV-V450F1/XFN1Y	45	28		7.4	1.55	7.4	1.55	1770x758x650	220	4000	300	56	28.6				
TMV-V560F1/XFN1Y	56	39		10.8	2.25	10.8	2.25	1770x758x650		6000		60					



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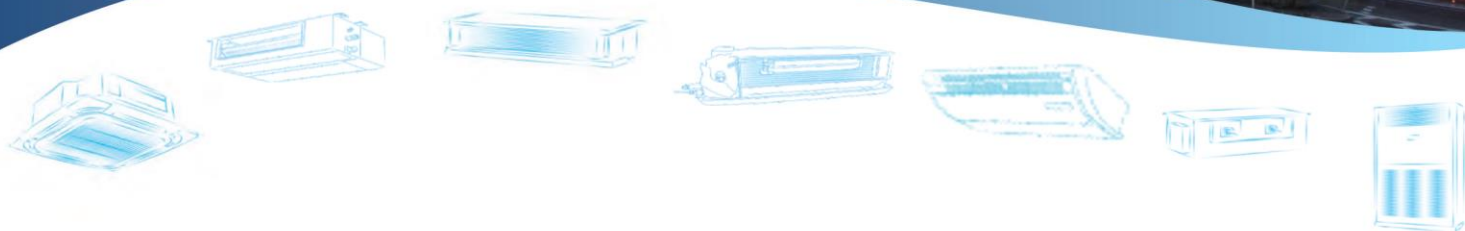
Macan Vista

Specifications of the indoor Unit



Specification of VRF Indoor Units(TCL)

Series			One-way cassette indoor						
Model			TMVd-V18Q1/N1Y	TMVd-V22Q1/N1Y	TMVd-V28Q1/N1Y	TMVd-V36Q1/N1Y	TMVd-V45Q1/N1Y	TMVd-V50Q1/N1Y	TMVd-V56Q1/N1Y
Homemade part code			V444100000	V444200000	V444300000	V444400000	V444500000	V444600000	V444700000
New code			Z1U30101000019	Z1U30101000015	Z1U30101000032	Z1U30101000030	Z1U30101000039	Z1U30101000041	Z1U30101000009
Capacity	Cooling	kw	1.8	2.2	2.8	3.6	4.5	5	5.6
	heating	kw	2.2	2.8	3.2	4	5	5.6	6.3
Power	Cooling	kw	0.05	0.05	0.05	0.06	0.07	0.07	0.07
	heating	kw	0.05	0.05	0.05	0.06	0.07	0.07	0.07
Power supply			220V 1N ~ 50HZ						
Current	Cooling	A	0.24	0.24	0.24	0.28	0.31	0.31	0.31
	heating	A	0.24	0.24	0.24	0.28	0.31	0.31	0.31
Air flow	(Hi)/Me/Lo	m3/h	510	510	510	680	800	800	800
Noise level	Hi/Me/Lo	dB(A)	39/34/31	39/34/31	39/34/31	40/34/31	42/36/33	42/36/33	42/36/33
Motor	Number		1						
	Model		YSK110-20-4P						
Fan	Output Power	W	20	20	20	50	50	50	50
	Type		Centrifugalφ142×180						
Heat Exchanger	Number		2						
	Number of row		2						
Row spacing	mm		12.7						
	Copper tube specifications	mm	φ7×0.22×0.10						
Fin color			Blue						
	Gas side	mm	9.52	9.52	9.52	12.7	12.7	12.7	12.7
Refrigerant pipe	Liquid side	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35
	Connection method		Thread	Thread	Thread	Thread	Thread	Thread	Thread
Dimension	Unit (W×H×D)	mm	850×480×235	850×480×235	850×480×235	850×480×235	850×480×235	850×480×235	850×480×235
	Packing (W×H×D)	mm	1105×645×305	1105×645×305	1105×645×305	1105×645×305	1105×645×305	1105×645×305	1105×645×305
Weigh	Net	kg	23	23	23	23	23	23	23
	Gross	kg	28	28	28	28	28	28	28
Drain pipe diameter(mm)			φ25 Drain hose						
Electric control method			Remote control/wire control/centralized control						
communication method			CAN communication						
Other configuration			/						



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Parameter



Inverter - Indoor

DUCT Inverter - R410A							
Indoor unit		Model	LCA-18D2HRA/DVI	LCA-24D2HRA/DVI	LCA-36D2HRA/DVI	LCA-48D2HRA/DV3	LCA-60D2HRA/DV3I
Capacity	Cooling Capacity	Btu/h	18000	24000	36000	48000	55000
	Heating Capacity	kW	5.3	7.05	10.55	14.000	16.000
Electrical Parts	Power Supply	V~Hz,Ph	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P
	Power Input (W)	Cooling	1635	2180	3050	4180	5420
Performance		Heating	1810	2350	3224	4440	5460
	EER	W/W	3.32	3.22	3.46	3.35	3.23
	COP	W/W	3.43	3.34	3.63	3.50	3.37
	Air Flow Volume	m ³ /h	1100/900/700	1300/1100/900	1650/1450/1050	2000/1700/1250	2200/1800/1500
Indoor Dimension	External Static Pressure	Pa	40	50	80	100	100
	Noise Level (dB(A))	H/Med/Low	43/40/36	46/41/37	47/44/40	49/47/44	51/49/46
	Unit (W×H×D)	mm	920×210×605	920×270×605	1140×270×745	1200×300×835	1200×300×835
Indoor Weight	Packing (W×H×D)	mm	1115×280×690	1115×340×690	1345×345×830	1405×375×925	1405×375×925
	Net	kg	23	26	35	45	45
Piping Size	Gross	kg	28	30	40	52	52
	Liquid	mm	φ6.35	φ9.52	φ9.52	φ9.52	φ9.52
	Gas	mm	φ12.7	φ15.88	φ19.05	φ19.05	φ19.05
	Drainage	mm	OD25	OD25	OD25	OD25	OD25

Duct Indoor

مشخصات

Duct Outdoor

مشخصات

- ۵- انتخاب نوع برگشت هوا (انتخابی)
- ۶- مدل‌های متنوع توزیع هوا
- ۷- پمپ تخلیه آب (اختیاری)
- ۸- بدنه بسیار باریک و کاملاً بی صدا

- ۱- داشتن دامنه فشار استاتیکی بسیار وسیع
- ۲- هوای تازه برای بهبود کیفیت هوا (اختیاری)
- ۳- طراحی استاتیک برای فضاهای مختلف
- ۴- دریچه خروجی هوا کنترلی (اختیاری)

- ۱- طراحی یکپارچه در تمامی واحدهای بیرونی
- ۲- فن یونیت خارجی بهینه سازی شده
- ۳- بدنه ضد زنگ با طول عمر بالا
- ۴- شبکه فن بهینه سازی شده



Inverter - Outdoor

INVERTER - UNIVERSAL OUTDOOR - R410							
Outdoor unit		Model	LCA-18HA/DVO	LCA-24HA/DVO	LCA-36HA/DVO	LCA-48HA/DV30	LCA-60HA/DV30
Capacity	Cooling Capacity	Btu/h	18000	24000	36000	48000	55000
	Heating Capacity	Kw	5300	7.05	10.55	14	16
Electrical Parts	Power Supply	Btu/h	19800	26400	39600	52800	60500
	Air Flow Volume	kW	5.8	7.75	11.6	15.5	17.6
	Compressor	m ³ /h	2600	3500	4900	6300	6300
	Noise Level	Model	GMCC	GMCC	HIGHLY	HIGHLY	HIGHLY
Outdoor Dimension		dB(A)	55	58	59	60	60
	Unit (W×H×D)	mm	780*605*290	900*650*310	940*885*340	940*1250*340	940*1250*340
	Packing(W×H×D)	mm	883*653*412	1015*720*425	1030*950*430	1030*440*1365	1030*1272*430
Outdoor Weight	Net	kg	33	52	75	93	108
	Gross	kg	36	57	80	103	108
Piping Size	Liquid Pipe Size	mm	φ 6.35	φ 9.52	φ 9.52	φ 9.52	φ 9.52
	Gas Pipe Size	mm	φ 12.7	φ 15.88	φ 19.05	φ 19.05	φ 19.05
	Max.Pipe Length	m	35	35	50	50	50
	Max.Height Difference	m	25	25	30	30	30
Operating Range	Cooling	°c	21~43	21~43	21~43	21~43	21~43
	Heating	°c	(-)7~24	(-)7~24	(-)7~24	(-)7~24	(-)7~24

All datas are subject to change without notice,due to our continuous improvement.

تمامی اطلاعات فنی به دلیل تغییرات در طراحی جهت پیشرفت بدون اطلاع قبلی قابل تغییر می باشد .

Parameter



On/Off 50 Hz - Indoor

DUCT (On / Off 50Hz) - R410A									
Indoor unit		Model	LCA-18D2HWA/UTI	LCA-24D2HWA/UTI	LCA-30D2HWA/UTI	LCA-36D2HWA/UTI	LCA-48D2HWA/UTI	LCA-55D2HWA/UTI	
Capacity	Cooling Capacity	Btu/h	18000	24000	30000	36000	48000	55000	
		kW	5.275	7.034	8.792	10.551	14.068	16.119	
Capacity	Heating Capacity	Btu/h	19000	26000	/	36000	48000	57000	
		kW	5.275	7.034	/	10.551	14.068	16.706	
Electrical Parts	Power Supply	V~Hz,Ph	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	
	Power Input (W)	Cooling	1860	2500	3100	3770	5000	5694	
		Heating	1784	2450	/	3570	48000	5420	
	Operation temperature	°C	16 ~ 55	16 ~ 55	21 ~ 43	16 ~ 55	16 ~ 55	16 ~ 55	
Performance		°C	(-7) ~ 24	(-7) ~ 24	/	(-7) ~ 24	(-7) ~ 24	(-7) ~ 24	
	Running Current	A	0.45/0.48/0.37/0.30	0.88/0.63/0.49/0.39	1.25/1.00/1.08/0.582	1.25/1.00/1.08/0.582	1.49/1.21/1.08/0.63	1.49/1.21/0.92/0.72	
	EER	W/W	2.84	2.81	2.84	2.8	2.81	2.83	
	COP	W/W	3.04	2.91	/	3.01	2.93	3.08	
Indoor Dimension	Air Flow Volume	m³/h	1170/770/650	1400/950/800	1800/1500/1350	1800/1500/1350	2200/1800/1600	2200/1800/1600	
	External Static Pressure	Pa	40	50	80	80	100	100	
	Noise Level (dB(A))	Hi/Med/Low	41/36/33	42/39/36	46/44/42	46/44/42	47/45/43	47/45/43	
	Unit (W×H×D)	mm	920×210×605	920×270×605	1140×270×745	1140×270×745	1200×300×835	1200×300×835	
Indoor Weight	Packing (W×H×D)	mm	1115×280×690	1115×340×690	1345×345×830	1345×345×830	1405×375×925	1405×375×925	
	Net	kg	23	26	35	35	45	47	
	Gross	kg	28	30	40	40	52	53	
	Liquid	mm	φ 6.35	φ 9.52	φ 9.52	φ 9.52	φ 9.52	φ 9.52	
Piping Size	Gas	mm	φ 12.7	φ 15.88	φ 19.05	φ 19.05	φ 19.05	φ 19.05	
	Drainage	mm	OD25	OD25	OD25	OD25	OD25	OD25	



Cooling and Heating
more powerful



Long performance
and efficient



Mouldproof sterilization
and healthy



Automatic cleaning
and convenient



On/Off 50 Hz - Outdoor

On/Off 50Hz - UNIVERSAL OUTDOOR - R410									
Outdoor unit		Model	LCA-18D2HWA/UTO	LCA-24D2HWA/UTO	LCA-30D2HWA/UTO	LCA-36D2HWA/UTO	LCA-48D2HWA/UTO	LCA-55D2HWA/UTO	
Capacity	Cooling Capacity	Btu/h	18000	24000	30000	36000	48000	55000	
		Kw	5.275	7.034	8.792	10.551	14.068	16.12	
Capacity	Heating Capacity	Btu/h	19000	27000	/	36000	48560	56010	
		Kw	5.569	7.913	/	10.551	14232	16.416	
Electrical Parts	Power Supply	V~Hz,ph	220-240v~50Hz/1P	220-240v~50Hz/1P	220-240v~50Hz/1P	220-240v~50Hz/1P	380-415v~50Hz/3F	380-415v~50Hz/3F	
	Air Flow Volume	m³/h	2400	4000	3500	4900	6300	6300	
	Compressor	Model	GMCC	GMCC	GMCC	HIGHLY	HIGHLY	HIGHLY	
	Noise Level	dBA	52	55	58	56	58	58	
Outdoor Dimension	Unit (W×H×D)	mm	820*300*605	900*650*315	900*650*310	900*805*360	940*1250*340	940*1250*340	
	Packing(W×H×D)	mm	910*392*635	1015*720*425	1028*705*425	1020*860*475	1030*1250*1365	1030*1250*1365	
Outdoor Weight	Net	kg	45	52	52	75	106	109	
	Gross	kg	49	57	57	80	116	120	
Piping Size	Liquid Pipe Size	mm	φ 6.35	φ 9.52	φ 9.52	φ 9.52	φ 9.52	φ 9.52	
	Gas Pipe Size	mm	φ 12.7	φ 15.88	φ 15.88	φ 19.05	φ 19.05	φ 19.05	
	Max Pipe Length	m	15	15	20	20	30	30	
	Max Height Difference	m	5	5	15	10	15	15	
Operating Range	Cooling	°C	16~53	16~53	21~43	16~53	16~53	16~53	
	Heating	°C	(-7)~24	(-7)~24	/	(-7)~24	(-7)~24	(-7)~24	

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تمامی اطلاعات فنی به دلیل تغییرات در طراحی جهت پیشرفت بدون اطلاع قبلی قابل تغییر می باشد .

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Model			9000BTU	12000BTU	18000BTU	24000BTU	30000 BTU
机型			Z4U20101013769	Z4U20101013768	Z4U20101013767	Z4U20101013770	Z4U20101013885
Power supply		Ph-V-Hz	1Ph-220V~240V-50Hz	1Ph-220V~240V-50Hz	1Ph-220V~240V-50Hz	1Ph-220V~240V-50Hz	1Ph-220V~240V-50Hz
Cooling	Capacity	Btu/h	9,000	12,000	18,000	24,000	30,000
	Input	W	870	1,165	1,745	2,330	2,910
	Rated current	A	4.0	5.4	8.3	11.3	14.4
	EER	W/W	3.03	3.02	3.02	3.02	3.02
Heating	Capacity	Btu/h	9,400	12,500	19,000	25,000	31,500
	Input	W	805	1070	1625	2140	2700
	Rated current	A	3.7	5.0	7.7	10.3	13.3
	COP	W/W	3.42	3.42	3.43	3.42	3.42
Compressor	Model		ASM93V11VDZ	44B263DK&FJKC	PA190M2AS-4KUL1	ASH232MV-C7EU1	PA270G2CS-4MUL
	Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	RECHI	GMCC	HIGHLY	GMCC
	Rated current(RLA)	A	2.4±5%	5.0	5.9±5%	8.7	10.8±5%
	Refrigerant oil/oil charge	ml	300	270	620	485	950
Indoor coil	a.Number of rows		2	2	2	2	2
Indoor unit	Dimension(W*D*H)	mm	777x250x205	777x250x205	910x292x205	1020x315x220	1200x340x260
	Packing (W*D*H)	mm	848x315x275	848x315x275	977x367x276	1094x386x300	1265x415x338
	Net/Gross weight	Kg	8.5/10.5	8.5/10.5	11/14	13/16	16/20
Outdoor coil	a.Number of rows		1	1.5	2	2	2
Outdoor noise level		dB(A)	52	53	57	58	62
Outdoor unit	Dimension(W*D*H)	mm	654x276x507	754x300x552	835x360x605	920x380x699	953x433x808
	Packing (W*D*H)	mm	705x320x550	798x356x585	883x394x645	960x430x732	1020x475x860
	Net/Gross weight	Kg	42/46	27.5/32.5	38/43	43/50	48/57
Design pressure		MPa	4.5/1.9	4.5/1.9	4.5/1.9	4.5/1.9	4.5/1.9
Refrigerant piping	Liquid side/ Gas side	mm(inch)	1/4 / 3/8	1/4 / 3/8	1/4 / 1/2	1/4 / 5/8	3/8" / 5/8"
	Max. refrigerant pipe length	m	15	15	15	15	15
	Max. difference in level	m	5	5	5	5	5
Qty'40'HQ			336	275	208	164	126
Application area		m2	9~16	15~23	20~35	30~50	35~55
Operation temperature range		℃	16-31	16-31	16-31	16-31	16-31
Indoor sound pressure(H/M/L/Mute)		dB(A)	42/40/36/33/31	41/39/36/33/32	48/45/43/40/37	51/49/46/43/38	51/46/39
air throw		m	5	5	8	8	10
Indoor air circulation: Cooling/heating		m³/h	510/500	550/550	850/850	1000/1050	1300/1300

One way Cassette Fan Coil

lavita

Office Projects, Halls, Rooms with limited false ceilings



Fan Coil

One way Cassette Fan Coil

Model			LFC1-200CFM	LFC1-300CFM	LFC1-400CFM	LFC1-500CFM	
Panel Type			MB-SA11A1				
Power supply			220V,50Hz,1Ph				
Air volume		H	m³/h	340	510	680	850
		M		280	380	515	660
		L		180	260	340	430
Static pressure		Pa	0	0	0	0	
Cooling capacity	TH	H	W	1800	2700	3600	4500
			BTU/h	6142	9212	12283	15354
	SH		W	1300	1970	2700	3185
			BTU/h	4436	6722	9212	10867
	TH	M	W	1500	2460	3000	3715
			BTU/h	5100	8370	10200	12600
	TH	L	W	1390	2057	2479	2920
			BTU/h	4720	7040	8410	10080
Heating capacity	H		W	2700	4050	5400	6750
	M		W	1950	2770	3935	4900
	L		W	1290	1774	2800	3505
Noise		High speed	dB(A)	43	45	46	47
Power input		High speed	W	70	75	95	100
Waterflow volume		High speed	m³/h	0.31	0.46	0.62	0.77
Pressure dropping		kPa	16	18	20	20	
Water tube connection(inlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Water tube connection(outlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Coil		Type	Hydrophillic aluminum fin to wear copper tube				
MPa			1.6	1.6	1.6	1.6	
Condensing water pipe			mm	ø 26	ø 26	ø 26	
Netldmension	Unit	L×W×H	mm	958×413×236	958×413×236	958×413×236	958×413×236
	Panel			1044×468×31			
Net weight	Unit	kg	19.4	19.4	20.5	20.5	
	Panel	kg	4				

- قابلیت هوادهی تا ارتفاع ۳/۵ متر با زاویه ۲۰ تا ۷۰ درجه
- تنظیم هوای عمودی اتوماتیک
- قابلیت اتصال ورودی آب از چپ و راست
- پمپ درین جهت تخلیه آب تا ارتفاع ۷۵ سانتیمتر

- تنوع ظرفیت از CFM ۲۰۰ تا CFM ۵۰۰
- جریان هوای یکنواخت با کمترین سطح صدا
- بدنه بسیار باریک با قابلیت نصب در سقف های کاذب با ارتفاع کم
- دارای کنترل از راه دور بیسیم

High Wall Mounted Fan Coil

Iavita

Residential, Office & Comercial Projects (most where false Ceiling are not Available).



Fan Coil

High Wall mounted Fan Coil Unit

Model				LFW-200CFM	LFW-300CFM	LFW-400CFM	LFW-500CFM	LFW-600CFM	LFW-800CFM
Power supply				220V,50Hz,1Ph					
Air volume		H	m³/h	340	510	680	850	1020	1360
		M		260	380	515	650	765	1010
		L		180	260	340	43	520	700
Static pressure			Pa	0	0	0	0	0	0
Cooling capacity	TH	H	W	2100	2700	4000	4500	5700	7200
			BTU/h	7165	9212	13648	15354	19300	24566
	SH		W	1600	2025	3000	3375	4300	5400
			BTU/h	5459	6909	10236	11516	14500	18424
	TH	M	W	1700	2214	3200	3690	4600	5904
			SH	W	1399	1399	2200	2409	3200
	TH	L	W	1300	1647	2400	2745	3500	4392
			SH	W	700	960	1500	1715	2200
Heating capacity	H		W	3100	4050	5900	6750	8500	10800
	M		W	2500	3219	4700	5366	6800	8586
	L		W	1700	2268	3300	3780	4800	6048
Noise	High speed		dB(A)	39	41	42	45	46	47
Power input		High speed	W	35	40	75	90	125	130
Waterflow volume		High speed	m³/h	0.36	0.46	0.71	0.77	0.98	0.93
Pressure dropping			kPa	12	14	17	18	23	23.5
Water tube connection(inlet)				ZG1/2'	ZG1/2'	ZG1/2'	ZG1/2'	ZG1/2'	ZG1/2'
Water tube connection(outlet)				ZG1/2'	ZG1/2'	ZG1/2'	ZG1/2'	ZG1/2'	ZG1/2'
Coil				Hydrophilic aluminum fin to wear copper tube					
Maximum working pressure			MPa	1.6	1.6	1.6	1.6	1.6	1.6
Condensing water pipe			mm	φ 16	φ 16	φ 16	φ 16	φ 16	ZG1/2"
Net dimension		L×W×H	mm	780X276X202	780X276X202	950X313X240	950X313X240	1055X313X240	1055X313X240
Net weight			kg	10	10	14	14	16	16

• تنوع ظرفیت از ۲۰۰ CFM تا ۸۰۰ CFM

• طراحی زیبای پنل بصورت مسطح

• نمایشگر دیجیتال مخفی

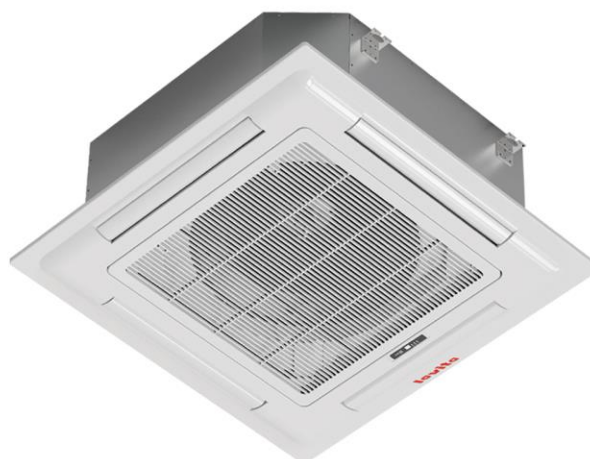
• مجهز به کنترل از راه دور

• بهترین انتخاب برای پروژه های بازسازی

Four way Cassette Fan Coil

lavita

Office Projects , Halls, Banks, Hotel Lobbies



Fan Coil

Four way Cassette Fan Coil Unit

Model			LFC4-300CFM	LFC4-400CFM	LFC4-500CFM	LFC4-600CFM	LFC4-800CFM	LFC4-900CFM	LFC4-1000CFM
Power supply			220V,50Hz,1Ph						
Air volume	H	m³/h	550	680	880	1050	1380	1550	1750
	M		440	540	700	840	1100	1240	1400
	L		330	410	530	630	830	930	1050
Static pressure		Pa	0	0	0	0	0	0	0
Cooling	TH	H	W	3000	3800	4900	5800	7500	8100
			BTU/h	10236	12966	16719	19790	25590	27637
	SH	H	W	2200	2850	3500	4250	5500	5880
			BTU/h	7506	9724	11942	14501	18766	20060
	TH	M	W	2550	3250	4150	4950	6400	6650
			W	1800	2350	2850	3500	4550	4700
	TH	L	W	2050	2600	3400	4000	5200	5420
			W	1400	1850	2300	2800	3600	3850
Heating	H	W	W	4700	5900	7600	9000	11600	12200
	M	W	W	4000	5000	6450	7650	9850	10300
	L	W	W	3150	3950	5100	6050	7750	8140
Noise		dB(A)		40	42	42	44	46	47
Power	H	W		50	58	70	95	130	145
Water flow		m³/h		0.51	0.65	0.83	0.99	1.28	1.38
Water resistance		kPa		13	22	18	25	23	28
Inlet pipe size				ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"
Outlet pipe size				ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"
Coil		Type	Hydrophilic aluminum fin to wear copper tube						
Maximum pressure			MPa	1.6	1.6	1.6	1.6	1.6	1.6
Drain pipe			mm	ø 26	ø 26	ø 26	ø 26	ø 26	ø 26
Net size	Unit	L×W×H mm	590×590×242 (342)			750×750×242(342)		840×840×242(342)	840×840×292(392)
	Panel		650×650×40			850×850×40		950×950×40	
Net weight	Unit	kg	18		22	23	24.9	24.9	28.1
	Panel		2.2		4.2		5		

• دارای کنترل از راه دور بیسیم

• تنوع ظرفیت از ۳۰۰ CFM تا ۱۰۰۰ CFM

• دارای قابلیت تامین هوای تازه و خروجی هوا برای سایر فضاها با کانال

• جریان هوای یکنواخت و سریع با کمترین سطح صدا جهت پوشش

• دارای کویل فرم C با فین آبی

• فضا در ۴ جهت تا ارتفاع ۴/۲ متر با زاویه ۲۰ تا ۷۰ درجه

• پمپ درین جهت تخلیه آب تا ارتفاع ۷۵ سانتیمتر

• نصب در سقف های کاذب با ارتفاع کم در ۲ تیپ ۲۴ و ۲۹ سانتیمتری



Fan Coil

Concealed Ceiling Fan Coil Unit (two tube system)

Model		LFD-200CFM	LFD-300CFM	LFD-400CFM	LFD-500CFM	LFD-600CFM	LFD-800CFM	LFD-1000CFM	LFD-1200CFM	LFD-1400CFM
Air volume (m ³ /h)	High	340	520	680	850	1020	1360	1700	2040	2380
	Middle	260	410	510	640	770	1020	1280	1530	1790
	Low	170	300	350	430	520	720	850	1020	1190
Rated cooling capacity (KW)	Total heat	2.22	3.17	4.15	5.03	6.15	8.06	9.24	11.10	12.95
	Sensible heat	1.45	2.26	3.02	3.55	4.52	5.82	7.12	8.23	9.86
Rated heating capacity	(KW)	3.70	5.38	6.85	8.40	9.70	12.80	15.80	18.20	21.20
Water flow	(l/s)	0.106	0.151	0.198	0.24	0.294	0.385	0.441	0.53	0.619
Resistance	Cooling mode	25	24	25	30	40	35	35	40	50
	Heating mode	20	21	24	22	24	30	30	32	40
Coil	Type	1.6MPa High quality copper pipe , Double hydrophilic coating corrugated aluminum sheet, Working pressure: 1.6MPa								
Inlet/outlet	Interface size	RC3/4 RC3/4" Taper pipe internal thread								
Motor	Type	220V/50HZ 220V/50HZ single-phase capacitor running motor, Protection class:IP20, Insulation class:B								
	Quantity	1	1	1	1	1	2	2	2	2
Motor input power (W)	12Pa	33	52	59	75	96	134	152	189	228
	30Pa	41	58	71	86	108	150	174	212	253
	50Pa	48	64	80	92	118	170	204	240	295
Noised dB(a)	12Pa	36.5	39	40.5	43	45	46	48	49.5	52
	30Pa	38.5	40.5	43	44	46.5	47	49.5	51.5	53.5
	50Pa	41.5	43	45.5	47	48.5	50	51.5	53	54.5
Net weight (kg)	Horizontal concealed	13	17	19	21	22	30	33	38	40
	Vertical(surface)concealed	25	27	30	33	37	48	52	56	64

دارای فن ۳ سرعتی

فیلتر قابل شستشو با سرویس آسان

قابلیت ورودی آب از چپ و راست

تنوع ظرفیت از ۲۰۰ CFM تا ۱۴۰۰ CFM

فشار استاتیک ۳۰ pa با قابلیت کانال کشی

قابلیت برگشت هوا از پشت و زیر



Chiller

Air Cooled Modular Chiller - R410A

Model			LSRFM 65A	LSRFM 100A	LSR FM 130A
Capacity	Cooling	kW	65	100	130
	Heating	kW	70	110	140
Rated power	Cooling	kW	19.9	30.8	39.7
	Heating	kW	19.5	30.6	40
Power supply			380V~/50Hz/3P	380V~/50Hz/3P	380V~/50Hz/3P
Compressor	Type		Scroll	Scroll	Scroll
	Quantity	Pieces	2	3	4
	Capacity adjustment	%	50% , 100%	33% , 66% , 100%	25% , 50% , 75% , 10
Refrigerant	Type		R410A	R410A	R410A
	Refrigerant control		Thermal expansion valve	Thermal expansion valve	Thermal expansion valve
	Weight	kg	6x2	6x3	7x4
Condenser (Air side)	Type		Titan gold TM fin-coil	Titan gold TM fin-coil	Titan gold TM fin-coil
	Heat exchange	φ *row*no	φ 9.52*2*2	φ 7.0*4*2	φ 9.52 *4*2
Fan Motor	Quantity of fan motor	Pieces	2	2	2
	Fan motor input	KW	1.1x2	1.1x2	2.2x2
Evaporator (Water side)	Type		Shell and tube	Shell and tube	Shell and tube
	Water resistance lose	kPa	30	40	40
	Water inlet/outlet pipeline	mm	DN50	DN65	DN65
	Water flow	m3/h	11.2	17.2	22.3
	Max. Pressure	MPa	1	1	1
Dimension	Net(DxWxH)	mm	2162x1034x2030	2162x1034x2030	2162x1034x2086
Noise level		dB (A)	65	68	70
Weight		kg	650	820	980

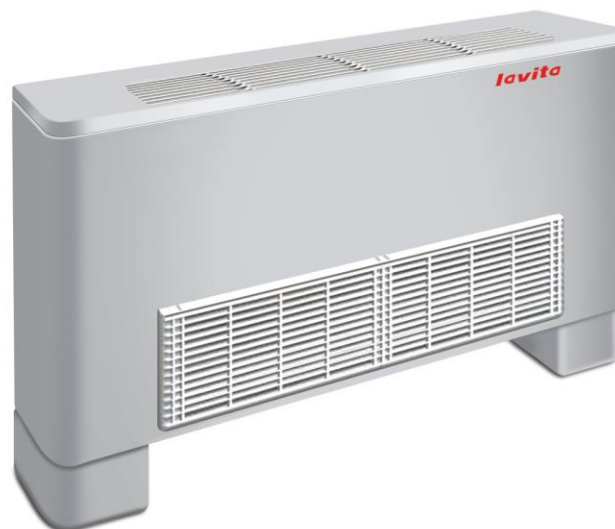
- عملکرد کم مصرف
- کمپرسور اسکرال با گاز R410A
- سیستم هوشمند آنتی فریز
- عیب یاب هوشمند اتوماتیک با نمایش کد خطا
- کنترل پنل تمام دیجیتال

- طراحی ماژولار
- قابلیت اتصال چیلرها به یکدیگر برای سهولت نصب و افزایش تولید
- قابلیت اتصال ۱۶ ماژول تا ظرفیت ۲۰۰ تن تبرید
- دارای راندمان بالا و ذخیره انرژی
- دارای شیر انبساط الکترونیکی برای افزایش راندمان تا ۳۰ درصد

Floor Fan Coil

lavita

Residential, Commercial & Hotel Projects



Fan Coil

Floor Fan Coil (Two Tube System)

Model			LFF-200CFM	LFF-300CFM	LFF-400CFM	LFF-500CFM	LFF-600CFM	LFF-800CFM	LFF-1000CFM	LFF-1200CFM	LFF-1400CFM	
Power supply			220V,50Hz,1Ph									
Air volume	H	m³/h	340	510	680	850	1020	1360	1700	2040	2380	
	M		260	390	510	640	770	1020	1280	1530	1790	
	L		170	260	340	430	510	680	850	1020	1190	
Cooling capacity	TH	H	W	1800	2700	3600	4500	5400	7200	9000	10800	12600
			BTU/h	6142	9212	12283	15354	18425	24566	30708	36850	42991
			W	1368	2052	2736	3420	4103	5471	6839	8207	9575
	SH	H	BTU/h	4668	7001	9335	11669	13999	18667	23335	28002	32670
			W	1494	2242	2989	3736	4483	5978	7472	8967	10461
			W	1181	1771	2362	2952	3541	4722	5903	7084	8265
	TH	M	W	1162	1744	2325	2906	3487	4649	5812	6974	8136
			W	953	1430	1907	2383	2860	3813	4765	5718	6672
Heating capacity	H	W	2700	4050	5400	6750	8100	10800	13500	16200	18900	
	M		2131	3197	4262	5328	6393	8524	10655	12786	14917	
	L		1675	2511	3349	4186	5024	6697	8372	10046	11721	
Noise	High Speed	dB(A)	37	39	41	43	45	46	48	50	51	
Power Input	High Speed	W	37	52	62	76	96	134	152	189	228	
Waterflow Volume	High Speed	m³/h	0.31	0.46	0.62	0.77	0.93	1.23	1.54	1.85	2.16	
Pressure dropping		kPa	16	18	20	23	28	30	33	37	40	
Water tube connection(inlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Water tube connection(outlet)			ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	ZG3/4"	
Maximum Working Pressure		MPa	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Condensation pipe size (diameter)		mm	ø 16									

- تنوع ظرفیت از ۲۰۰ CFM تا ۱۴۰۰ CFM
- دارای سینی PVC با دو خروجی آب
- قابلیت نصب چپ و راست



lavita



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