lavita

VRF General catalouge 2021

TMVS

Macan Vista

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 یونیتهای 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.

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	m³/h	27000	27000	29000	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

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	m^3/h	33000	34500	38000	38000	41500	45000	45000	49000	52000	52000
	Levels		Stepless speed regulation									
Pipe	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		
Fan	Type		Propeller 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 TMV-Vd+(***)W/N1S-C			2405	2460	2519	2575	2630	2689	2745	2800	2859	2915	2970	3035	3085	3140
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		
Fan	Type		Propeller 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.

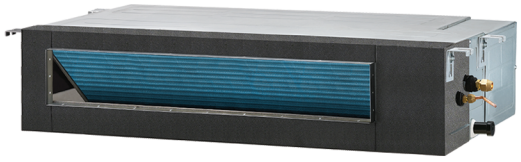
- دستگاه های VRF برند lavita با بهره وری و کارایی بسیار بالایی که دارند ، دامنه ای ۱۰ تا ۲۸ کیلو وات را پوشش می دهند که قدرت پاسخگویی به همه نیازهای مشتری از پروژه های کوچک تا بزرگ را دارد .

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)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)	IDU	Panel	IDU	Panel			(Hi/Me/Lo)	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		37/35/33					
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		0.45	0.1	0.45	0.1					1200			15. 88	9. 52			
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		0.68	0.15	0.68	0.15	840×840 ×300		35/38		1800		40/38/35	15. 88				
TMV(d)-V100Q8/N1(S)Y	10	11. 2										1800							
TMV(d)-V112Q8/N1(S)Y	11. 2	12. 5										1800							
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							



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)					(Hi/Me/Lo)	Gas (mm)	Liquid (mm)	Connect type		
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	Φ25 (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:

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.

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)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)				(Hi/Me/Lo)	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		25	1200	46/44/41	15. 88	9. 52			
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					
TMV-V100ZD/N1Y	10	11. 2														
TMV-V112ZD/N1Y	11. 2	12. 5		1. 07	0. 235	1. 07	0. 235	1635×675×235	38	2000	52/50/47					
TMV-V125ZD/N1Y	12. 5	14														
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)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)				(Hi/Me/Lo)	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					
TMV(d)-V45G/N1Y(KC)	4. 5	5. 0		0. 21	0. 05	0. 21	0. 05	903×292×182	10/11. 5	750	44/41/39	12. 7				
TMV(d)-V50G/N1Y(KC)	5	5. 6														
TMV(d)-V56G/N1Y(KC)	5. 6	6. 3														

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 (m^3/h)	Max static pressure (Pa)	Running Noise dB(A)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)					(Hi/Me/Lo)	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															
TMV(d)-V36F5/N1Y	3. 6	4. 0		0. 28	0. 06	0. 28	0. 06		15/16	600		35/29/26	12. 7				
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															
TMV(d)-V63F5/N1Y	6. 3	7. 1		0. 4	0. 089	0. 40	0. 089	1300×450×200	31/32	1200	20	39/34/29	15. 88	9. 52			
TMV(d)-V71F5/N1Y	7. 1	8. 0		0. 62	0. 136	0. 62	0. 136		33/34	1250	30	41/37/32					
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 (m^3/h)	Maximum external static pressure (Pa)	Running Noise dB(A)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)					(Hi/Me/Lo)	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															
TMV-V90F1/N1Y	9	10		2	0. 42	2	0. 42	1200×590×380	58	1860		53/51/49					
TMV-V100F1/N1Y	10	11. 2															
TMV-V112F1/N1Y	11. 2	12. 5								2020							
TMV-V125F1/N1Y	12. 5	14								2150							
TMV-V140F1/N1Y	14	16								2300							
TMV-V160F1/N1Y	16	18. 0								2400							

Fresh Air Processing Unit

Indoor Model	Cooling capacity (KW)	Heating capacity (KW)	Power supply	Cooling		Heating		Dimension(mm) (WxDxH)	Weight (Kg)	Air Volume (m^3/h)	Maximum external static pressure (Pa)	Running Noise dB(A)	Pipe			Drain Pipe (mm)	Control Type
				Current (A)	Input (KW)	Current (A)	Input (KW)					(Hi/Me/Lo)	Gas (mm)	Liquid (mm)	Connect type		
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	Φ25 (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					

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			YSK110-50-4P			
	Output Power	W	20	20	20	50	50	50	50
Fan	Type		Centrifugalφ142×180			Centrifugalφ154×175			
	Number		2			2			
Heat Exchanger	Number of row		2			4			
	Row spacing	mm	12.7						
	Copper tube specifications	mm	φ7×0.22×0.10						
	Fin color		Blue						
Refrigerant pipe	Gas side	mm	9.52	9.52	9.52	12.7	12.7	12.7	12.7
	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 (WxHxD)	mm	850×480×235	850×480×235	850×480×235	850×480×235	850×480×235	850×480×235	850×480×235
	Packing (WxHxD)	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			/						

TCL

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