

1 Features

- Easy to install
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Quiet operation
- Easy maintenance
- Superior air distribution for comfortable living



2 Specifications

2-1 FOR INDOOR UNITS ONLY			ATYN25FMV1B	ATYN35FMV1B	ATYN50FMV1B	ATYN60FMV1B
Nominal input (Indoor only)	Cooling	kW	0.865	1.200	1.652	1.915
	Heating	kW	0.745	1.080	1.552	1.865

2-2 TECHNICAL SPECIFICATIONS				ATYN25FMV1B	ATYN35FMV1B	ATYN50FMV1B	ATYN60FMV1B
Casing	Colour			Ivory			
	Material			High impact polystyrene			
Dimensions	Packing	Height	mm	337	337	378	378
		Width	mm	857	957	1130	1130
		Depth	mm	270	270	292	292
	Unit	Height	mm	260	260	304	304
		Width	mm	799	899	1062	1062
		Depth	mm	198	198	222	222
Weight	Unit	kg	10	12	16	16	
Heat Exchanger	Dimensions	Face Area	m ²	0.201	0.234	0.269	0.269
	Fin	Type					Hydrophilic slit
Fan	Type					Anti-fungus skew fan	
Air Flow Rate	Cooling	High	m ³ /min	7.80	9.78	13.86	23.82
		Medium	m ³ /min	6.36	8.10	11.58	13.86
		Low	m ³ /min	4.98	6.24	9.60	12.48
	Heating	High	m ³ /min	7.80	9.78	13.86	23.82
		Medium	m ³ /min	6.36	8.1	11.58	13.86
		Low	m ³ /min	4.98	6.24	9.6	12.48
Fan	Motor	Quantity		1	1	1	1
		Output (high)	W	8	13	20	25
	Drive			Direct drive			
Cooling	Sound Pressure	High	dB(A)	40	42	43	49
		Medium	dB(A)	35	36	40	44
		Low	dB(A)	29	29	35	42
Heating	Sound Pressure	High	dB(A)	40	42	43	49
		Medium	dB(A)	35	36	40	44
		Low	dB(A)	29	29	35	42
Refrigerant	Type			R-410A			
Piping connections	Drain	Diameter (OD)	mm	16	16	20	20
Air Filter	Nano filter						
Air direction control	Auto louver (Up & down) & grille (left & right)						
Temperature control	Thermostat electronic control						
Notes	All specifications are subjected to change by the manufacturer without prior notice.						
	All units are being tested and comply to ISO5151:1994(E)						
	Nominal cooling and heating capacity are based on the following conditions: cooling -27°CDB/19°CWB indoor and 35°CDB, heating -20°CDB indoor and 7°CDB/6°CWB outdoor.						
	All specifications are tentative specifications at the time of printing. Please consult your dealer for confirmation.						

2-3 ELECTRICAL SPECIFICATIONS				ATYN25FMV1B	ATYN35FMV1B	ATYN50FMV1B	ATYN60FMV1B
Power Supply	Name			V1			
	Phase			1	1	1	1
	Frequency		Hz	50	50	50	50
	Voltage		V	220-240			
Current	Nominal running current (RLA)	Cooling	A	3.9	5.4	7.3	8.4
		Heating	A	3.4	4.9	6.9	8.4

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2-1 NOMINAL CAPACITY AND NOMINAL INPUT				ARYN25FMV1B	ARYN35FMV1B	ARYN50FMV1B	ARYN60FMV1B	
For combination indoor units + outdoor units	Indoor Units			ATYN25FMV1B	ATYN35FMV1B	ATYN50FMV1B	ATYN60FMV1B	
	Cooling capacity	Standard	kW	2.64	3.52	5.275	6.155	
Heating capacity	Standard	kW	2.64	3.52	5.275	6.448		
Power Input	Cooling	Standard	kW	0.865	1.200	1.652	1.915	
	Heating	Standard	kW	0.745	1.080	1.552	1.865	
For combination indoor units + outdoor units	EER	Nominal		3.05	2.93	3.19	3.21	
	COP	Nominal		3.54	3.25	3.4	3.46	
	Energy Label	Cooling			B	C	B	A
		Heating			B	C	C	B

2-2 TECHNICAL SPECIFICATIONS				ARYN25FMV1B	ARYN35FMV1B	ARYN50FMV1B	ARYN60FMV1B
Casing	Colour			Light Grey			
	Material			Galvanised mild steel			
Dimensions	Unit	Height	mm	540	540	651	750
		Width	mm	700	700	855	855
		Depth	mm	250	250	328	328
	Packing	Height	mm	620	620	710	810
		Width	mm	810	810	990	990
		Depth	mm	330	330	415	415
Weight	Unit		kg	33	32	59	62
Heat Exchanger	Dimensions	Face Area	m ²	0.36	0.36	0.51	0.62
	Fin	Type		Slit			
Fan	Type			Propeller			
	Quantity			1	1	1	1
	Air Flow Rate (nominal at 230V)	Cooling	m ³ /min	23.76	27.18	36.84	41.34
Compressor	Motor	Type		Hermetically sealed rotary compressor			
Sound Level (nominal)	Heating	Sound Pressure	dB(A)	46	49	52	52
Refrigerant	Type			R-410A			
	Charge		kg	0.73	0.78	1.375	1.54
	Control			Capillary tube			
Piping connections	Liquid (OD)	Type		Flare connection			
		Diameter (OD)	mm	6.35	6.35	6.35	6.35
	Gas	Type		Flare connection			
		Diameter (OD)	mm	9.5	12.7	12.7	15.9
	Piping Length	Maximum	m	12	12	15	15
	Installation height difference	Maximum	m	5	5	8	8
Notes	All specifications are subjected to change by the manufacturer without prior notice.						
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	Phase			1	1	1	1
	Frequency		Hz	50	50	50	50
	Voltage		V	220-240			
Current	Nominal running current (RLA)	Cooling (A)	A	3.9	5.4	7.3	8.4
		Heating (A)	A	3.4	4.9	6.9	8.4

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