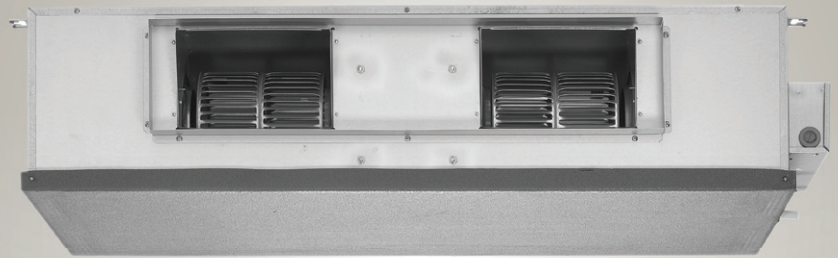


Air Conditioners

Technical Data

Siesta[®]

Indoor unit



EEDEN11-131

ABQ-A

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ABQ-A

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1 Features

- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a narrow ceiling void
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance

1



2 Specifications

2-1 Technical Specifications					ABQ71AV1	ABQ100AV1	ABQ125AV1	ABQ140AV1
Dimensions	Unit	Height/Width/Depth	mm		285/1,020/600	305/1,325/638	378/1,388/541	378/1,588/541
	Packed unit	Height/Width/Depth	mm		343/1,138/690	355/1,461/727	415/1,497/631	415/1,701/631
Weight	Unit		kg		35.0	47.0	50.0	56.0
	Packed unit		kg		45.0	55.0	54.0	62.0
Packing	Material				Carton / EPS-Foam / strap			
Fan	Air flow rate	Cooling	Super high	cfm	850	1,280	1,430	1,720
			High	cfm	700	1,160	1,320	1,550
			Nom.	cfm	590	1,050	1,230	1,340
			Low	cfm	480	920	1,130	1,170
		Heating	Super high	cfm	850	1,280	1,430	1,720
			High	cfm	700	1,160	1,320	1,550
			Nom.	cfm	590	1,050	1,230	1,340
			Low	cfm	480	920	1,130	1,170
	External static pressure	Super high		Pa	78	118	147	
		High		Pa	53	96	126	120
Nom.			Pa	38	78	109	90	
Low			Pa	25	61	92	69	
Fan motor	Drive				Direct drive			
	Speed	Cooling	High/ Medium/Low	rpm	1,192/1,000/860	1,245/1,140/970	1,320/1,230/1,130	1,245/1,085/975
		Heating	High/ Medium/Low	rpm	1,192/1,000/860	1,245/1,140/970	1,320/1,230/1,130	1,245/1,085/975
Sound power level	Cooling	Super high/High/Nom./Low	dBA	67/64/61/57	80/76/73/70	78/76/73/70	79/78/75/71	
	Heating	High/Nom./Low	dBA	64/61/57	76/73/70		78/75/71	
Sound pressure level	Cooling	Super high/High/Nom./Low	dBA	44/41/38/34	55/51/48/45	53/52/50/47	55/53/50/47	
	Heating	Super high/High/Nom./Low	dBA	-/41/38/34	-/51/48/45	-/52/50/47	-/53/50/47	
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD			9.52			
	Gas	OD			15.88			

2

2-2 Electrical Specifications					ABQ71AV1	ABQ100AV1	ABQ125AV1	ABQ140AV1
Power supply	Name				V1			
	Phase				1~			
	Frequency			Hz	50			
	Voltage			V	230			
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.68	1.53	1.74	2.42	
		Heating	A	0.68	1.53	1.74	2.42	
Current - 60Hz	Nominal running current			A	-			

3 Safety device settings

3 - 1 Safety Device Settings

ABQ-A

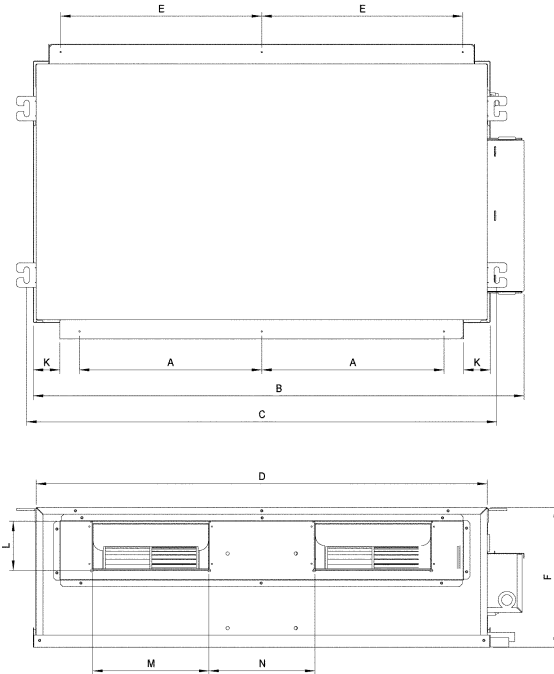
SAFETY DEVICES		ABQ71AV1	ABQ100AV1	ABQ125AV1	ABQ140AV1
ABQ-A	PC board fuse	250V 3.15A	250V 3.15A	250V 3.15A	250V 3.15A
	Fan motor thermal fuse	°C 150	150	150	150
	Drain pump fuse	°C -	-	-	-

3

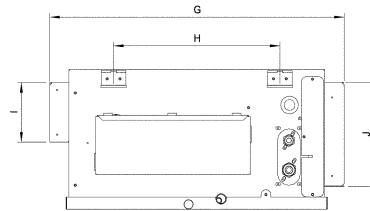
4 Dimensional drawings

4 - 1 Dimensional Drawings

ABQ71-100AV1

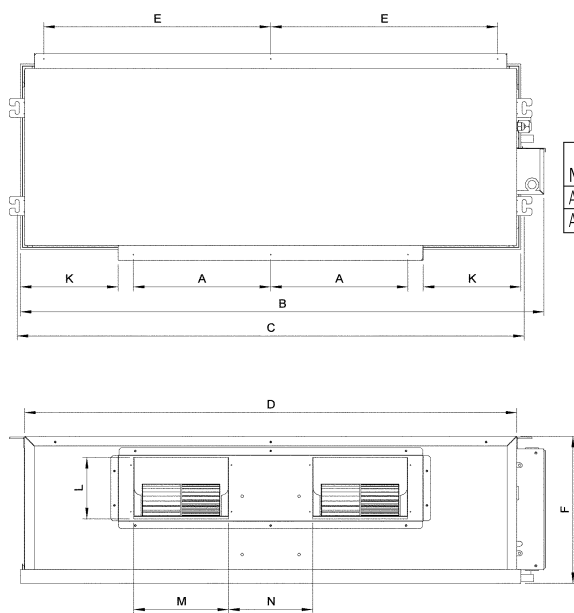


Model	Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N
ABQ71AV1		372	1001	959	920	410	285	600	339	121	213	54	100	237	216
ABQ100AV1		371	1306	1264	1225	563	305	638	401	182	233	207	155	248	241

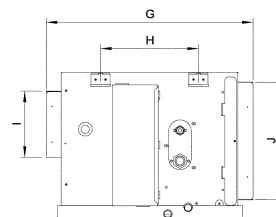


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ABQ125-140AV1



Model	Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N
ABQ125AV1		359	1369	1326	1287	594	384	541	256	173	306	256	161	248	220
ABQ140AV1		359	1569	1526	1487	694	378	541	256	173	306	356	161	248	220



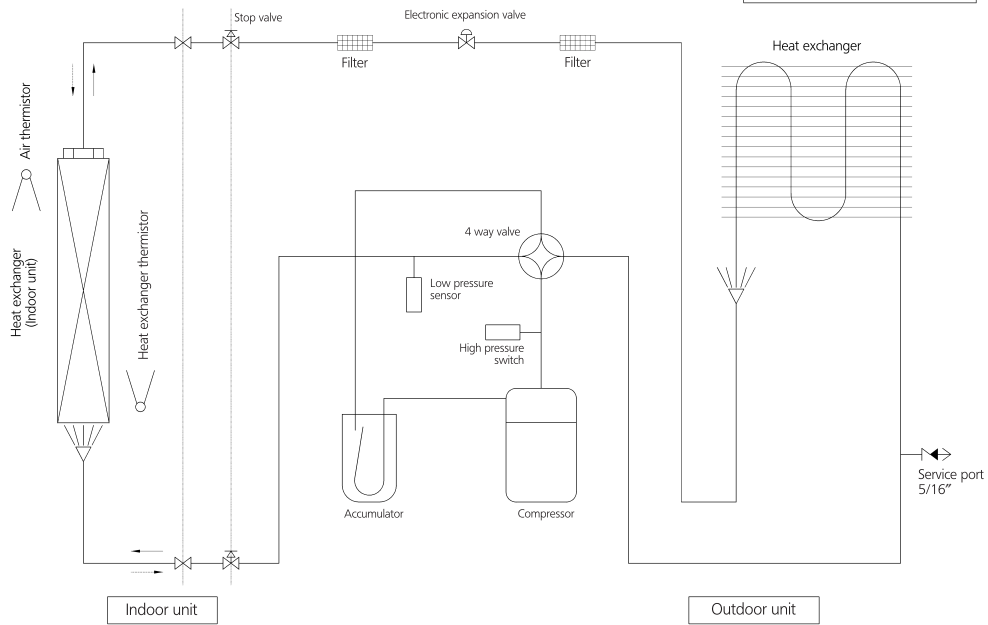
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5 Piping diagrams

5 - 1 Piping Diagrams

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AZQS-A
ACQ-A
ABQ-A
AHQ-A



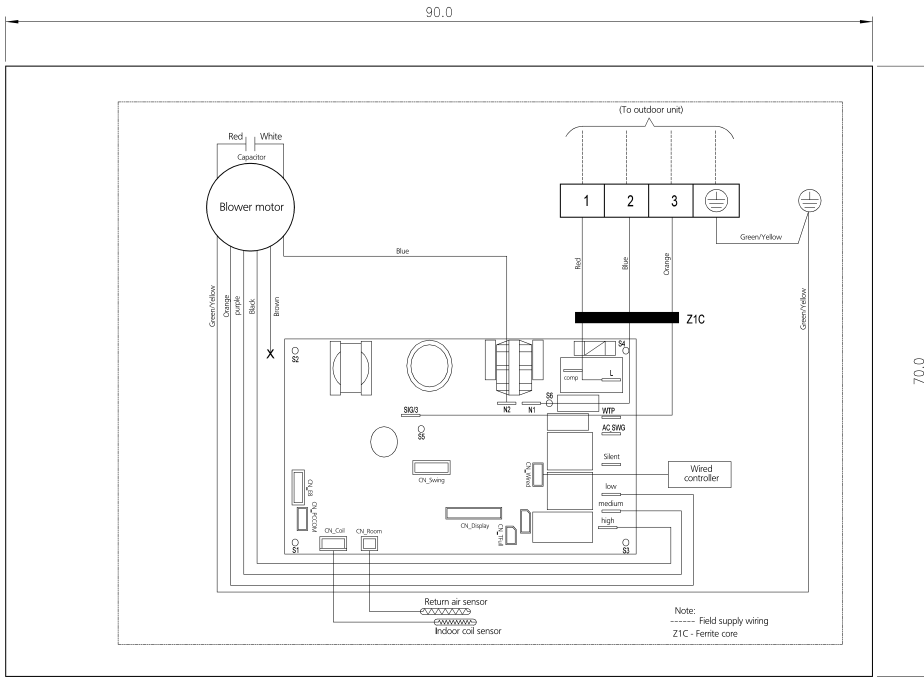
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6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

ABQ71-140AV1

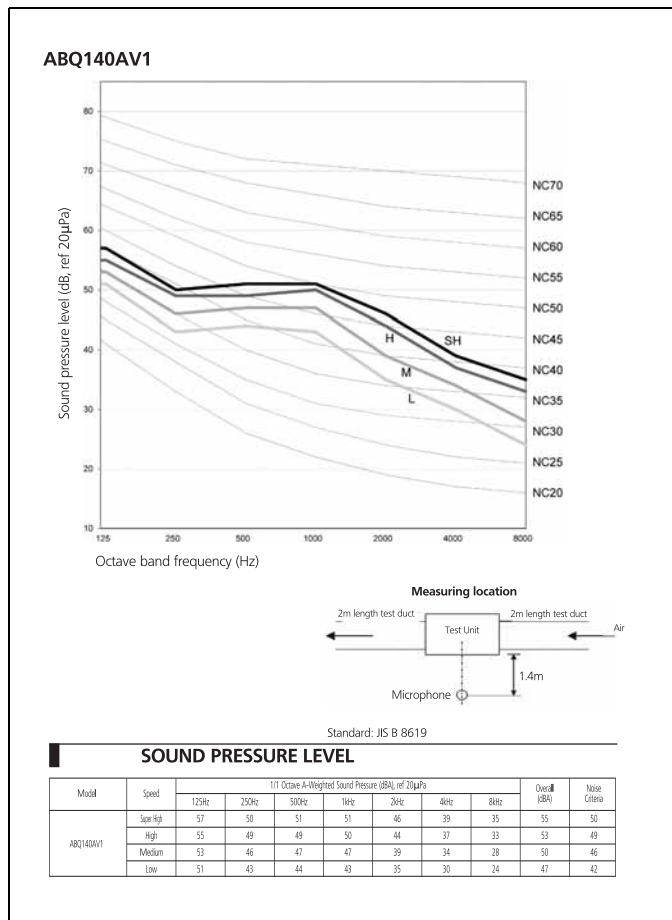
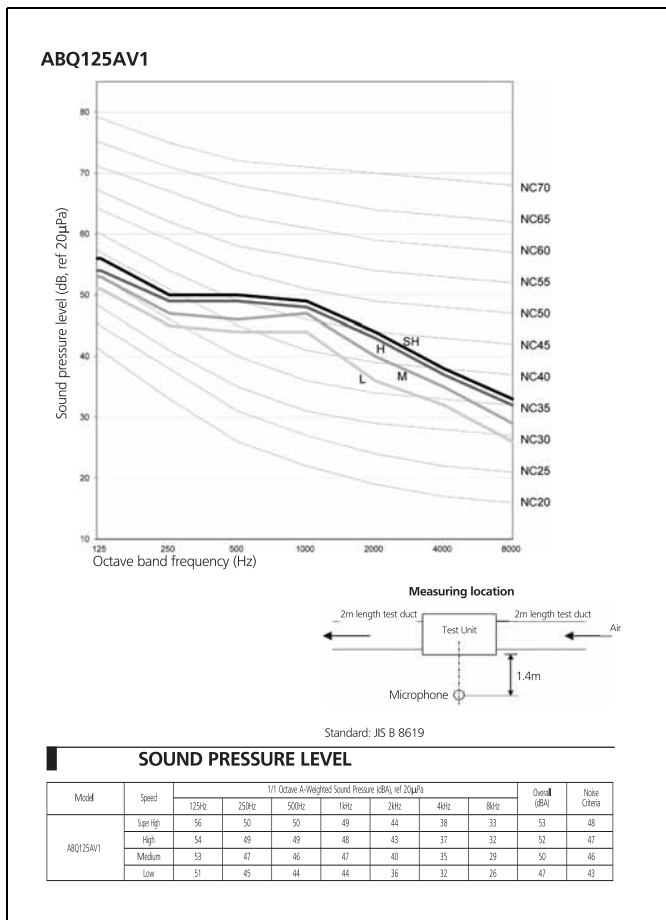
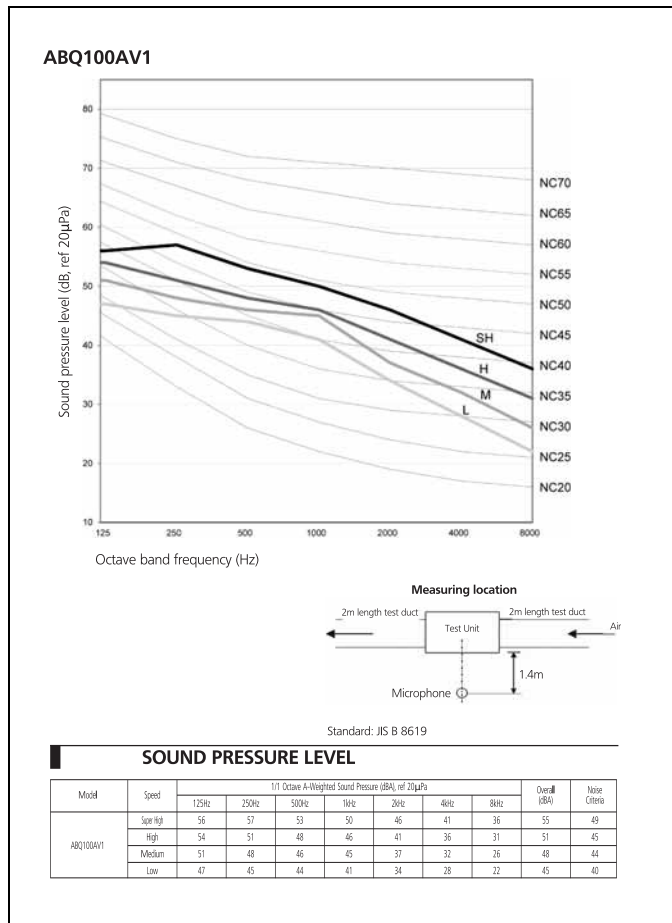
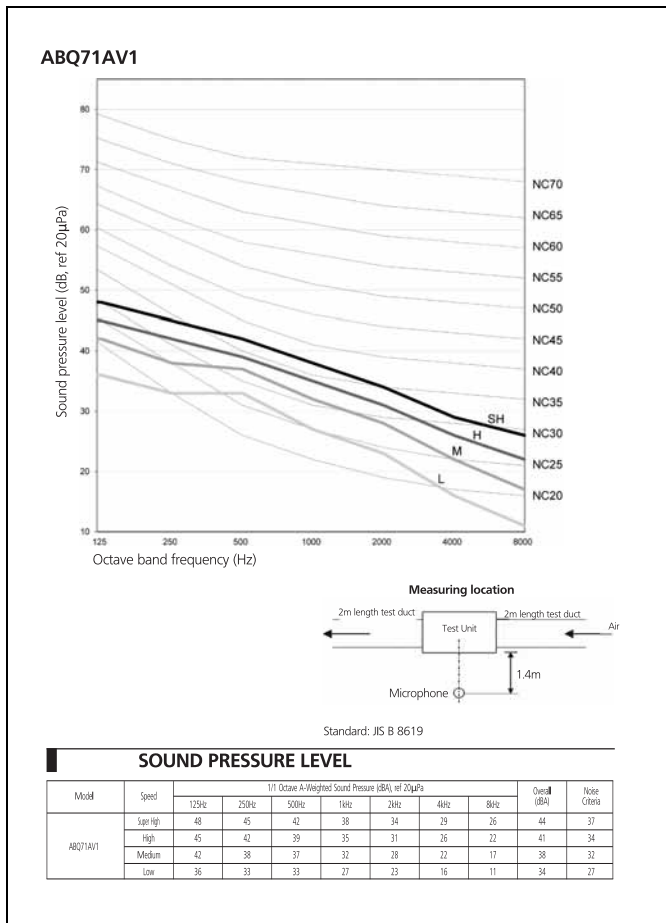


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7 Sound data

7 - 1 Sound Pressure Spectrum

7



8

In all of us,
a green heart



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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