

EC Type Examination Certificate

Issued by Advantica Certification Services

Certificate No.	EC-87/08/037 (Page 1 of 2)
Notified Body No.	0087
Project No.	2/35151
Date	11 December 2008
Original/Supplementary	Original
Applicant/Manufacturer	AmbiRad Limited Fens Pool Avenue Wallows Industrial Estate Brierley Hill West Midlands DY5 1QA
Normative Reference	BS EN 1020: 1998 (Amd 1)
EC Product Identification No.	87BT37
Model Designations	See Appendix

Declaration

Type samples representative of the products detailed have been tested and examined and found to comply with the Essential Requirements detailed in Annex I of the European Gas Appliance Directive (90/396/EEC).

Signed on behalf of the Advantica Notified Body (No. 0087)


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Appendix to Certificate EC-87/08/037

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Product Type	Model Designation	Gas Category & Pressure	Destination Countries
Gas Fired Air Curtain	Airbloc AB 225N & AB 175N	I _{2H} (20)	AT, CH, CZ, DK, EE, ES, FI, GB, GR, HR, IE, IT, LT, LV, NO, PT, RO, SE, SI, SK & TR
		I _{2E} (20)	DE, LU, PL & RO
		I _{2ELL} (20)	DE
		I _{2E(R)B} (20/25)	BE
		I _{2Er} (20/25)	FR
		I _{2L} (25)	NL
	Airbloc AB 225P & AB 175P	I _{3P} (30)	DK, GR, HU, MT, NL, NO, RO & SE
		I _{3P} (37)	BE, CH, CZ, ES, FR, GB, GR, HR, IE, IT, PL, PT, SI & SK
		I _{3P} (50)	AT, BE, CH, CZ, DE, ES, FR, GB, HU & NL
	AB 225B & AB 175B	I _{3B/P} (30)	TR



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**NOTIFICATION OF THE ISSUE OF AN EC TYPE EXAMINATION CERTIFICATE
UNDER THE EUROPEAN GAS APPLIANCE DIRECTIVE (90/396/EEC)**

SUPPLEMENTARY INFORMATION ON TECHNICAL DATA ("FORM B")

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APPENDIX TO EC-87/08/037

Product Type	Model Designation	Gas Category & Pressure	Destination Countries
Gas Fired Air Curtain	Airbloc AB 225N & AB 175N	I _{2H} (20)	AT, CH, CZ, DK, EE, ES, FI, GB, GR, HR, IE, IT, LT, LV, NO, PT, RO, SE, SI, SK & TR
		I _{2E} (20)	DE, LU, PL & RO
		I _{2ELL} (20)	DE
		I _{2E(R)B} (20/25)	BE
		I _{2Er} (20/25)	FR
		I _{2L} (25)	NL
	Airbloc AB 225P & AB 175P	I _{3P} (30)	DK, GR, HU, MT, NL, NO, RO & SE
		I _{3P} (37)	BE, CH, CZ, ES, FR, GB, GR, HR, IE, IT, PL, PT, SI & SK
		I _{3P} (50)	AT, BE, CH, CZ, DE, ES, FR, GB, HU & NL
	AB 225B & AB 175B	I _{3B/P} (30)	TR



APPLIANCE RATING & TECHNICAL DATA

Model Reference	AB 175N	AB 225N	AB 175N	AB 225N
Reference Gas	G20		G25	
Maximum NET heat Input	44.1 kW	59.4kW	44.1kW	59.4kW
Burner pressure	7.0 mbar	7.5 mbar	10mbar	10mbar
Maximum heat output	40.1 kW	54.0 kW	40.1kW	54.0kW
Injector size (mm)	2.9	3.3	2.9	3.3
No. of injectors	5	5	5	5
Electrical supply	230 V 1 Ph 50Hz			
Power consumption	1.712 kW	2.262 kW	1.712 kW	2.262 kW

Model Reference	AB 175B	AB 225B	AB 175P	AB 225P
Reference Gas	G30		G31	
Maximum NET heat Input	46.2 kW	60.3 kW	45.4 kW	60.2kW
Burner pressure	20.2 mbar	20 mbar	25 mbar	25 mbar
Maximum heat output	42.0 kW	54.9 kW	41.3 kW	54.8 kW
Injector size (mm)	1.65	1.85	1.65	1.85
No. of injectors	5	5	5	5
Electrical supply	230 V 1 Ph 50Hz			
Power consumption	1.712 kW	2.262 kW	1.712 kW	2.262 kW

TYPE OF FLUE SYSTEM (All models)

Flue Type	Flue Material	Flue Manufacturer	Minimum Length / Height (mm)	Maximum Length/ Height (mm)	Max number of bends	Open Flue Diameter (mm)
B ₂₂	Aluminium	M & G Or Alternative	1000	7000	2	125

SAFETY AND CONTROL EQUIPMENT

Component	Make & Model Reference Used	Certification Details	No. of
Multifunctional Valve	SIT Tamden 0830041	Gastec E 7060/4	1
Gas Governor	Class C		
Solenoid Valve(s) (Include Class of Valves)	Twin solenoids, B + B	EC-87/05/085	1
Automatic Burner Control System	Pactrol Controls P25 Microgas		
Overheat Cut-Off Device	LS1 6035 (95°C)	EI382	1
	T.O.D. 60T11	GB 5580Z/M1	1
Combustion Fan	Torin AU073580 (AR part No. 2560) Alternative: AACO A4 (AR part No. 200421)	Not Applicable	1

APPLIANCE INLET CONNECTIONS

Gas Inlet Connection	Nominated Thread/Size/Adaptor Type	Destination Countries
ISO 7-1	Rp ½"	GB & IE
Destination Countries Not Currently Supplied	No Nomination	

Note: The Manufacturer has nominated to supply the above connections to the countries of destination indicated at the date of issue of this certificate.