

## AR/ARE General Settings

### AR/ARE General Data

Model		AR13	AR22	AR35	AR40	AR45	AR50
Nominal heat input (natural gas only)	kW Min	9.75	16.6	28.0	–	–	–
	kW Max	13.0	22.0	35.0	40.0	45.0	50.0
Nominal gas rate per burner							
Natural gas	m3/h Min	0.9	1.60	2.60	–	–	–
	m3/h Max	1.21	2.06	3.28	3.73	4.20	4.76
Propane (LPG)	m3/h Min	0.5	0.83	1.44	1.55	1.74	1.93
Gas supply		1/2 in BSP external thread : max pressure 25 mbar Nat. gas (min 17 mbar) 45 mbar Propane (min 25 mbar)					
Electrical supply		230 volt 1 phase 50Hz					
Current rating		0.55 amp max (inductive)					
External fuse rating		3 amp external					
Ignition		Electronic programme start up with spark ignition					
Dimensional data							
Overall length (m)	'U'	3.47	5.24	5.89	5.89	7.62	7.62
	SL	6.63	8.02	12.62 or 15.20	12.62 or 15.20	15.20 or 18.20	15.20 or 18.20
	DL†	13.26	15.80	25.00 or 30.00	25.00 or 30.00	–	–
Overall width (mm)	'U'	435	490	666	666	666	666
	SL	235	460	460	460	460	460
	DL†	235	460	460	460	–	–
Exhaust flue (diameter) twin wall	'U'	All exhaust flue 125mm (5in)					
	SL						
	DL†						
Total installed weight (kg)	'U'	51	63	95	95	144	144
	SL	56	72	117 or 140	117 or 140	130 or 156	130 or 156
	DL†	112	145	234 or 281	234 or 281	–	–

† DL heaters only rated at maximum input.

For building air supply and ventilation requirements please refer to BS6896: 1991 Installation of gas fired radiant heaters for industrial and commercial heating.

## DAMPER SETTINGS

### AR Linear Herringbone & DL Heaters

Heater type	Damper setting when hot (mbar)
AR13SHN/22	1.7
AR13SHP/22	1.7
AR22SHN/24	1.4
AR22SHP/24	1.4
AR22SHN/27	1.4
AR22SHP/27	1.4
AR22SHN/32	1.4
AR22SHP/32	1.4

AR22SHN/36	1.4
AR22SHP/36	1.4
AR35SHN/33	1.5
AR35SHP/33	1.5
AR35SHN/42	1.2
AR35SHP/42	1.7
AR35SHN/51	1.0
AR35SHP/51	1.5
AR40SHN/42	1.6
AR40SHP/42	1.4
AR40SHN/51	1.9
AR40SHP/51	1.9
AR45SHN/50	1.9
AR45SHP/50	2.0
AR45SHN/60	2.0
AR45SHP/60	2.3
AR50SHN/50	1.9
AR50SHP/50	2.0
AR50SHN/60	2.0
AR50SHP/60	2.3

### AR U Tube Herringbone Heaters

Heater type	Damper setting when hot (mbar)
AR13UHN	1.9
AR13UHP	1.9
AR22UHN	1.6
AR22UHP	1.6
AR35UHN	1.7
AR35UHP	1.7
AR40UHN	1.8
AR40UHP	1.8
AR45UHN	2.2
AR45UHP	2.2
AR50UHN	2.2
AR50UHP	2.2

### ARE Linear Herringbone & DL Heaters

Heater type	Damper setting when hot (mbar)
ARE13SHN/22	1.1
ARE13SHP/22	1.1
ARE22SHN/27	1.1
ARE22SHP/27	1.1
ARE35SHN/42	1.0
ARE35SHP/42	1.0
ARE40SHN/42	1.4
ARE40SHP/42	1.4
ARE45SHN/50	1.6
ARE45SHP/50	1.6
ARE45SHN/60	1.9
ARE45SHP/60	1.6
ARE50SHN/50	1.8
ARE50SHP/50	2.3
ARE50SHN/60	1.8

### ARE U Tube Herringbone Heaters

Heater type	Damper setting when hot (mbar)
ARE13UHN	1.3
ARE13UHP	1.3
ARE22UHN	1.3
ARE22UHP	1.3
ARE35UHN	1.4
ARE35UHP	1.4
ARE40UHN	1.6
ARE40UHP	1.6
ARE45UHN	2.0
ARE45UHP	2.0
ARE50UHN	2.0
ARE50UHP	2.0

[Close Window](#)

---

**The information contained within this database is for use with Ambi-Rad products within the country of use and in accordance with the rules in force and by a competent person based on current HSE guidelines.** Ambi-Rad equipment must be installed and maintained in accordance with the relevant provisions of the Gas Safety (Installations and Use) Regulations 1998 for gas fired products or current OFTEC Regulations for oil fired products. Due account should also be taken of any obligations arising from the Health and Safety at Works etc. Act 1974. In addition the installation must be carried out in accordance with the current IEE 1992 (BS 7671), and any other relevant British Standards and Codes of Practice by a qualified installer.