

AM range

EXCEPTIONAL QUALITY AND HIGH PERFORMANCE GAS FIRED UNIT HEATERS

**THE FULLY MODULATING PRE-MIXED BURNER WILL GIVE A 30%
ENERGY SAVING OVER
CONVENTIONAL MODELS**



There are currently
6 models available
ranging from
21kW (min)
to 92kW (max).



ADDITIONAL STANDARD FEATURES

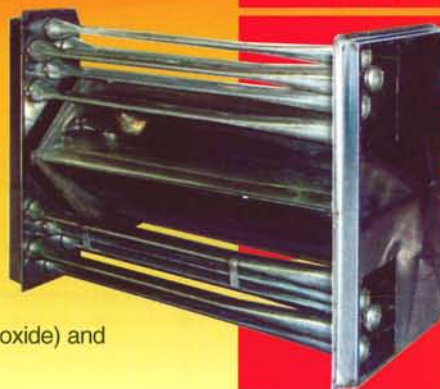
**STAINLESS STEEL HEAT EXCHANGER
WITH A 5 YEAR GUARANTEE**

This unique heater comes complete with a full modulating pre-mixed burner together with a constant airflow that ensures the temperature of the heated air is much lower than that of a heater comprising fixed output. Consequently, this decrease in thermal stratification allows us to achieve up to a 30% energy saving, compared to a traditional non-modulating burner.

THE MICROPROCESSOR CHRONOTHERMOSTAT supplied with this heater works by communicating with an electronic modulation board fitted within the heater control panel, to control the burner relative to the room temperature sensor. The control also provides time control, alarm signal and alarm re-set facility.

THE PRE-MIXED BURNER coupled to the air/gas valve allows exceptional clean combustion with very low emissions of polluting elements i.e. CO=0 ppm (carbon monoxide) and NOx<35 ppm (Nitrogen oxides).

THE HEAT EXCHANGER is entirely constructed from 430 stainless steel and its special drop shape allows the rear fan to create a uniform heat exchange over the entire chamber surface. Thus ensuring its longevity.



- ▶ **MAXIMUM 94.5% EFFICIENCY**
- ▶ **LOW NOx**
- ▶ **REMOTE CONTROL STATION**
- AVAILABLE WITH**
- ▶ **HORIZONTAL FLUE OUTLET**
- ▶ **VERTICAL FLUE OUTLET**



Energy Technology Listed
Appliances, Qualifying for
the Governments
Enhanced Capital
Allowance Scheme

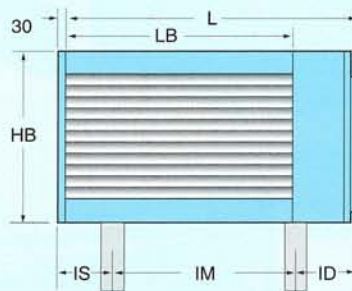
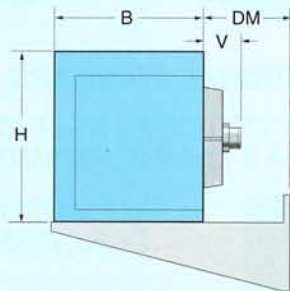


BUILT TO
ISO EUROPEAN
STANDARDS
WITH FULL CE
CERTIFICATION

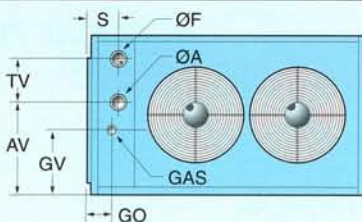
TECHNICAL INFORMATION

MODEL		AM032	AM035	AM043	AM054	AM072	AM092
TYPE OF APPLIANCE CE APPROVAL	PIN	0063AU4576	0063AU4576	0063AU4576	0063AU4576	0063AU4576	0063AU4576
Nominal Heat Input kW	min	22	23.5	30	35	50	65
	max	38.4	38.7	47.5	58	78	100
Nominal Heat Output kW	min	20.8	22.2	28.4	33.1	47.3	61.5
	max	31.7	35	43	53	71.5	92
Efficiency	max	94%	94.5%	94.6%	94.5%	94.5%	94.6%
	min	91.1%	90.4%	90.6%	91.4%	91.7%	92%
Discharge Flue/Combustion Inlet Dia. mm		80/80	80/80	80/80	80/80	100/100	100/100
Available Flue Discharge Pressure Pa		70	80	120	120	120	120
Supply Pressure G20 Methane mbar		20	20	20	20	20	20
Gas Consumption G20 (15 Deg. C 1013mbar) m3/h	min	2.32	2.48	3.17	3.70	5.28	6.87
	max	3.68	4.09	5.02	6.13	8.24	10.57
Supply Pressure G30 Butane mbar		30	30	30	30	30	30
Gas Consumption G30 (15 Deg. C 1013mbar) kg/h	min	1.41	1.50	1.92	2.24	3.20	4.16
	max	2.18	2.43	3.04	3.71	4.99	6.40
Supply Pressure G31 Propane mbar		37	37	37	37	37	37
Gas Consumption (15 Deg. C 1013mbar) kg/h	min	1.38	1.47	1.88	2.19	3.13	4.07
	max	2.18	2.43	2.98	3.63	4.89	6.27
Airflow (T 15 Deg. C) m3/h		3300	3800	5000	6500	7600	9750
Air Throw m		24	25	30	32	34	38
Δ T Air Deg. C	min	18.1	16.7	16.3	14.6	17.8	18.1
	max	27.5	26.4	24.7	23.4	27	27
Fans Speed rpm		1350	1350	1350	1350	1350	1350
Number of Fans - Dia./Angle mm/Deg.		(1) 450/23	(1) 450/27	(2) 400/27	(2) 450/33	(2) 450/27	(3) 450/27
Power Supply V/hz		230/50	230/50	230/50	230/50	230/50	230/50
Power Absorbed W		300	340	500	600	660	980
Noise Level (free field conditions. 6m) da(A)		45.3	45.4	47.1	47.8	48.2	50.4
Noise Level (typical installation. 6m)		56.4	56.6	58.6	59	59.8	62.3

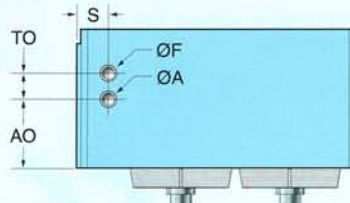
Model	Overall Dimensions				Louvres		Brackets			Gas Supply				Weight KG
	L	B	H	V	HB	LB	IM	IS	ID	DM	GAS	GO	GV	
AM032	920	650	740	165	550	616	450	205	265	475	3/4"	115	295	95
AM035	920	650	740	165	550	616	450	205	265	475	3/4"	115	295	95
AM043	1293	650	740	165	550	990	780	248	265	475	3/4"	115	295	115
AM054	1293	650	740	165	550	990	780	248	265	475	3/4"	115	295	115
AM072	1428	735	806	165	596	1120	894	269	265	390	1"	115	328	160
AM092	1968	735	806	165	596	1690	1434	269	265	390	1"	115	328	200



Model	Horizontal Flue Outlet					Vertical Flue Outlet				
	A	F	AV	TV	S	A	F	AO	TO	S
AM032	80	80	424	204	145	80	80	318	120	145
AM035	80	80	424	204	145	80	80	318	120	145
AM043	80	80	424	204	145	80	80	318	120	145
AM054	80	80	424	204	145	80	80	318	120	145
AM072	100	100	468	204	145	100	100	332	204	145
AM092	100	100	468	204	145	100	100	332	204	145



VERSION WITH HORIZONTAL FLUE OUTLET



VERSION WITH VERTICAL FLUE OUTLET

For further information please contact:



Dravo Division
Johnson & Starley Ltd.,
Rhosili Road, Brackmills,
Northampton NN4 7LZ

Tel: (01604) 707022
Fax: (01604) 706467

E-mail: Dravo@johnsonandstarleytd.co.uk
Web Site: www.dravo.co.uk