



**Johnson
& Starley**

Dravo
Division

RAPID *Suspended Unit Heater (15 - 54 kW)*



RAPID heaters were conceived and designed for heating industrial and commercial buildings.

This advanced heater uses leading-edge technology of pre-mixing air and gas, thus sensibly reducing NOx & CO emissions.

CLEAN COMBUSTION

A burner with total air-gas premix is the main feature of RAPID heaters. Its advantages are:

- No emissions of carbon monoxide (CO = 0).
- Very low emission of nitrogen oxides, below 80 ppm (NOx < 80 ppm).
- Minimised emission of carbon dioxide as a consequence of high-efficiency combustion and reduced fuel consumption.

EASE OF INSTALLATION

Only needs to be connected to a gas or lpg supply and wired to single-phase 230V – 50 Hz power supply. The heater can also be hung from the roof supports by means of suspension eyebolts and can be mounted vertically or horizontally.

- **92.6% MAX EFFICIENCY**
- **VERY LOW NOx < 80ppm**
- **NO EMISSIONS OF CARBON MONOXIDE (CO = 0)**
- **ON/OFF PRE-MIXED BURNER**
- **SEALED COMBUSTION CIRCUIT**

CE BUILT TO
ISO EUROPEAN
STANDARDS
WITH FULL CE
CERTIFICATION

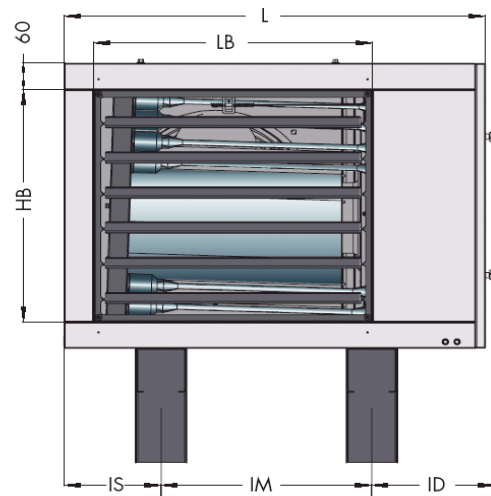
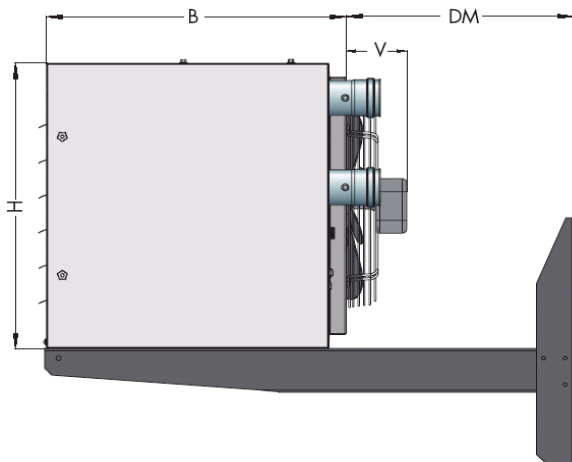


TECHNICAL FEATURES

Model		RA015	RA024	RA032	RA035	RA043	RA054
Type of Appliance		C13 - C33 - C53 - B23					
EC Approval	P.I.N.	0694BN4077					
Rated Thermal Output	kW	16.5	26.5	34.8	38.7	47.5	58.0
Rated Thermal Input	kW	15.3	24.3	31.7	34.9	43.6	53.4
Efficiency	%	92.6	91.8	91.2	90.2	91.8	92.1
Ø air inlet/exhaust pipes	mm	80/80	80/80	80/80	80/80	80/80	80/80
Available exhaust flue pressure	Pa	50	50	90	90	110	110
Power supply	V	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Power consumption	W	220	260	260	330	500	620
Air flow rate (T 15°C)	m³/h	1600	3050	3050	3800	5000	6250
Air temperature rise	°C	27.4	22.9	29.8	26.3	25.0	24.5
Fan Speed	r/min	1050	1270	1270	1350	1270	1350
Fan No. & Ø/angle	mm/°	1 x 350/25	1 x 400/22	1 x 400/22	1 x 420/27	2 x 400/22	2 x 420/27
Noise Level in free air (6m)	dB(A)	39.9	44.4	44.4	47.5	47.4	50.5

DIMENSIONS

Model	Size				Louvre		Brackets				Gas Supply			Weight
	L	B	H	V	HB	LB	IM	IS	ID	DM	GAS	GO	GV	
RA015	720	640	650	140	530	415	450	116	174	475	3/4"	186	263	70
RA024	900	640	650	140	530	595	450	206	264	475	3/4"	186	263	80
RA032	900	640	650	140	530	595	450	206	264	475	3/4"	186	263	84
RA035	900	640	650	140	530	595	450	206	264	475	3/4"	186	263	90
RA043	1240	640	650	140	530	935	780	228	252	475	3/4"	186	263	112
RA054	1240	640	740	140	620	935	780	228	252	475	3/4"	183	352	117



Model	Standard Horizontal Exhaust				
	A	F	AV	TV	S
RA015	80	80	367	204	105
RA024	80	80	367	204	105
RA032	80	80	367	204	105
RA035	80	80	367	204	105
RA043	80	80	367	204	105
RA054	80	80	457	204	105

A Air suction tube
F Exhaust flue discharge

