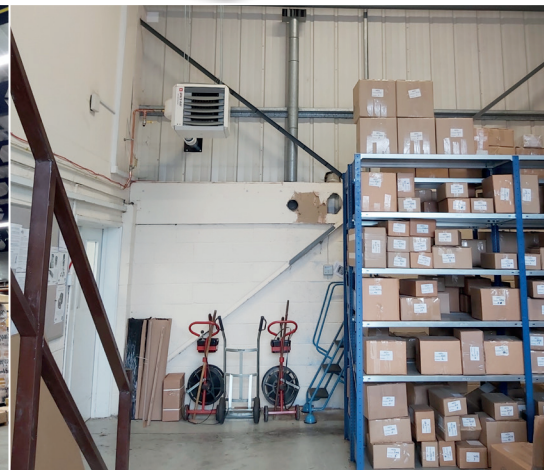




# SUH-S+

## Indirect Gas Fired Unit Heater



*Innovation  
in design*



*Bespoke  
solutions  
made easy*

Find Your perfect Heating Solution

# SUH-S+ Warm Air Heater

Indirect Gas Fired Unit Heater



- ✓ Energy saving - up to 15% vs conventional unit heaters
- ✓ Small compact, design
- ✓ Lightweight
- ✓ Variable air distribution
- ✓ Modulating pre-mix burner and fan
- ✓ Self diagnostic
- ✓ Stainless steel heat exchanger as standard
- ✓ Simple to install



The Space-Ray SUH-S+: efficiency, energy saving and total comfort control through unique design characteristics.

An indirect gas fired unit heater with innovative burner and heat exchanger combination, provided with the latest control technology.

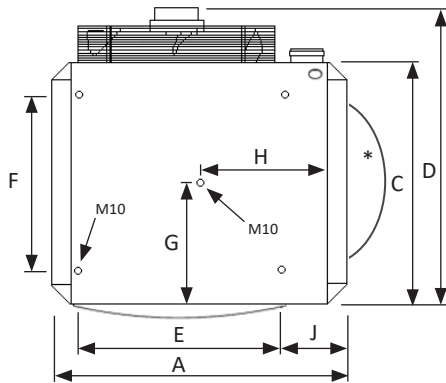
The compact measurements and the high level of comfort make the SUH-S+ suitable for many applications in all environments such as factories, industrial units, distribution centres / warehouses, garages, showrooms, retail stores, sports centres and even in restaurants.

FEATURES	MultiTherm S	MultiTherm C
7 Day program		✓
10 Different on/off programs		✓
Manual over-ride		✓
Summer/winter time		✓
Modulates the heater according to the room temperature	✓	✓
Summer ventilation	✓	✓
Compensation wall influence	✓	✓
Keyboard locking	✓	✓
Frost protection	✓	✓
Failure diagnosis and reset per unit heater	✓	✓
Wired in twisted pair screened cable	✓	✓
Controls 1 to 8 heaters	✓	✓

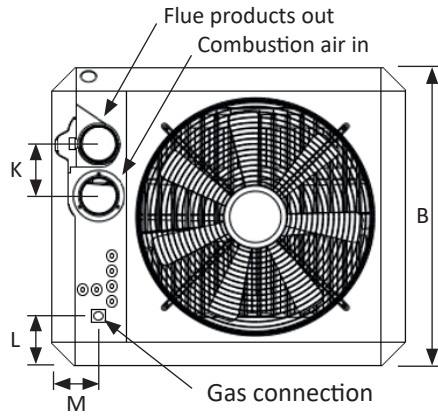
**SPECIFICATION GUIDE - SUH-S+ Series**

Model		Unit	SUH-S 10+	SUH-S 20+	SUH-S 30+	SUH-S 40+	SUH-S 50+	SUH-S 60+	SUH-S 80+	SUH-S 100+	SUH-S 120+
Heat Input	Max	kW	14.0	22.8	32.0	44.0	55.0	66.0	72.0	91.0	111.0
	Min	kW	8.5	13.5	18.0	26.4	33.0	39.6	48.0	60.0	72.0
Heat Output	Max	kW	12.5	20.7	28.9	41.1	50.7	61.2	68.6	86.9	105.6
	Min	kW	8.0	12.8	17.0	25.3	31.5	37.9	46.0	57.6	69.4
Seasonal efficiency (maximum)	ErP	%	78.3	78.1	78.4	78.3	78.8	78.3	78.2	77.9	78.0
	BREEAM	%	93.8	94.6	94.6	95.8	95.6	95.6	95.9	96.0	96.4
Air volume (maximum)		m <sup>3</sup> /h	2750	4000	4200	5400	8000	8000	10200	10700	13000
Throw (maximum)	Horizontal	m	22	30	31	32	46	30	38	40	43
	Vertical	m	5	7	7	8	11	8	-	-	-
Gas consumption maximum	Nat gas (G20)	m <sup>3</sup> /h	1.5	2.4	3.4	4.7	5.8	7.0	7.6	9.6	11.7
	LPG (G31)	kg/h	1.1	1.8	2.5	3.5	4.4	5.3	5.8	7.3	8.9
Gas connection size		BSP	½"			¾"			1"		
Electrical supply		V	230V N & E 50Hz								
Power consumption (maximum)		W	200	300	300	325	750	750	730	760	1,210
Noise level (5m from front)	High	dB(A)	56.5	58.0	59.0	59.0	64.0	64.0	62.0	62.0	62.0
	Low	dB(A)	54.0	56.5	56.0	54.5	58.0	58.0	58.0	58.0	58.0
Mounting height (minimum)	Horizontal	m	2.7								-
	Vertical	m	4.0			5.0	6.0		-		-
Weight		kg	46	50	53	78	86	82	185	195	215
Flue connection size Ø		mm	80						100		130
Maximum straight flue run	Horizontal unit	m	6.0			8.0			9.0		
	Vertical unit	m	2.0						-		

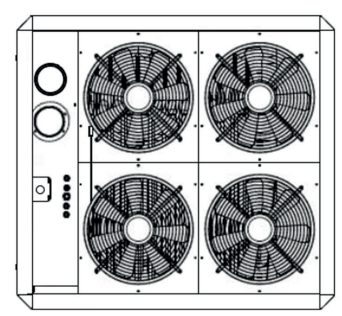
**Dimensional Data**



\* Protrudes 105mm from casing, models 10 to 30 only



**Models 80 to 120**



Model	Unit	10+	20+	30+	40+	50+	60+	80+	100+	120+
A	mm	650	650	650	795	795	795	1135	1135	1280
B	mm	495	495	495	670	670	670	1040	1040	1040
C	mm	530	530	530	650	650	650	1010	1010	1010
D	mm	615	615	615	795	795	795	1090	1090	1090
E	mm	470	470	470	545	545	545	820	820	972
F	mm	410	410	410	470	470	470	700	700	700
G	mm	280	280	280	325	325	325	-	-	-
H	mm	325	325	325	400	400	400	-	-	-
J	mm	130	130	130	175	175	175	235	235	235
K	mm	120	120	120	120	120	120	150	150	225
L	mm	85	85	85	110	110	110	426	426	408
M	mm	90	90	90	105	105	105	80	80	73



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