

Warm air heaters / HT2000 PV heater range

Gas and propane fired cabinet heaters

Comfort & warmth when and where needed

Fuel efficiency assured

CE & building regulations compliant

Comfortable environment

Controlled automatic operation

Extended guarantees

Room sealed combustion unit

Compact design



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“Taylor” made solutions from the company with the know - how

Gas fired heaters:

Suitable for ducted or free blowing applications using natural gas or propane.

Warm air heating / HT2000 - PV Heaters **Product range information**

Warm air heating is long proven as a comfortable low cost heating solution for most industrial, commercial and horticultural buildings. Design experience accumulated over more than 40 years has combined with modern computer integrated technology to provide a range of cabinet heaters renowned for robust construction, reliability and economy.

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Gas and propane fired cabinet heaters

These high efficiency, fuel efficient cabinet heaters comply with all current CE & Building Regulations. Controlled by optimised heat controls these heaters are suitable for ducted and free blowing applications where space is not at a premium.

Technical Data

		Model Ref					
		100	170	250	330	410	490
Nominal heat output	kW	35	49	73	95	129	137
Airflow	m ³ /h	2,880	3,780	5,400	8,280	10,980	13,176
Temperature rise	°C	36	38	40	34	34	30
Throw ¹ (PVN)	m	18	19	19	26	29	26
Static pressure	Pa	80	110	100	130	100	50
Gas Consumption							
Natural gas G20	m ³ /h	3.99	5.59	8.39	11.06	14.81	16.78
Propane G31	m ³ /h	1.50	2.20	3.20	4.30	5.70	6.50
Gas connection ²	Rc	1/2 "	1/2 "	3/4 "	3/4 "	1 "	1 "
Min Gas inlet Pressure	Nat gas G20 mbar	17.5	17.5	17.5	17.5	17.5	17.5
	Propane G31 mbar	37.0	37.0	37.0	37.0	37.0	37.0
Electrics							
Supply	V/ph hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Electrical load	W	1,250	1,900	1,850	2,900	3,100	3,400
Flue & combustion air diameter	mmØ	100	100	130	130	130	130
Maximum vertical run ⁴	m	9	9	9	9	9	9
Nozzles (PVN)	no.	2	2	3	3	3	4
Noise level ³	dB(A)	63	67	64	74	74	76
Net weight (PVN)	kg	205	221	277	324	409	444

1. Throw is dependent on building height, room temperature and nozzle settings.
2. Gas lines must be adequately sized and reduced at appliance as required.
3. Noise levels measured at 3 metres from appliance. Noise levels at 5 metres available on request.
4. Reduce distance by 1.0m for every 90° elbow & 0.8m for 45° elbow.

Dimensions

		Model Ref					
		100	170	250	330	410	490
Unit height	A	1625	1625	1705	1805	1855	1855
Unit width	B	697	697	864	864	1347	1347
Unit depth	C	1079	1079	1232	1232	1242	1242
Gas connection position	D	831	831	908	1171	982	979
Gas connection position	E	232	232	232	232	262	262
Duct outlet connection	F	570	570	766	766	1213	1213
Duct outlet connection	G	570	570	784	784	767	767
Nozzle outlet PVN	N	324	324	352	252	415	415
Nozzle outlet PVN	P	n/a	n/a	677	677	800	800
Flue & combustion air connections	Ø	100	100	130	130	130	130
Installation clearance - front		700	700	840	840	840	840
Installation clearance - side		150	150	150	150	150	150
Installation clearance - rear		400	400	400	400	400	400

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Application: A range of vertical gas fired cabinet heaters with clean aesthetic lines and configured for either room sealed or conventional flue applications. Suitable for showrooms, factories, workshops, warehouses, greenhouses and many other commercial premises

Building Regulations & CE Approval: All our heaters are designed with fuel efficiency in mind and meet the efficiency requirements of Part L2B of current Building Regulations as well as applicable CE legislation.

Construction: The casing is robotically formed from electro zinc coated steel sheet & finished with a durable stove hardened epoxy polyester powder paint whilst the heat exchanger is formed without the need for welding from either aluminised or stainless steel to form a four pass multi-tube assembly.

Burner: High efficiency low noise multi flame in - shot burner complete with automatic ignition and full flame safety monitoring. Available for natural gas or lpg propane.

Guarantee: HT2000 PV heaters are provided with one of the most comprehensive guarantee packages available -
Year one: Parts and labour
Year two: Parts

Power flue: Enables the heater to be used in a room sealed or fan assisted flue format with both vertical and horizontally flue exit options.

Controls: Heaters are ready for automatic operation after the simple connection of the time and temperature control. We offer a fully optimised control which includes a secure entry code facility, temperature dependant start time, digital time switch with override facility, electronic day & frost protection thermostats and can be set to run on "fan only" to enable summer air movement.

Testing: Every heater is individually inspected, test fired and safety function tested prior to dispatch.

Air distribution: Via a quiet yet powerful centrifugal fan set with directional nozzles which discharge the warm air directly into the area to be heated. Alternatively a spigot outlet can be provided for ductwork systems with filters and fresh air inlet options available.



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