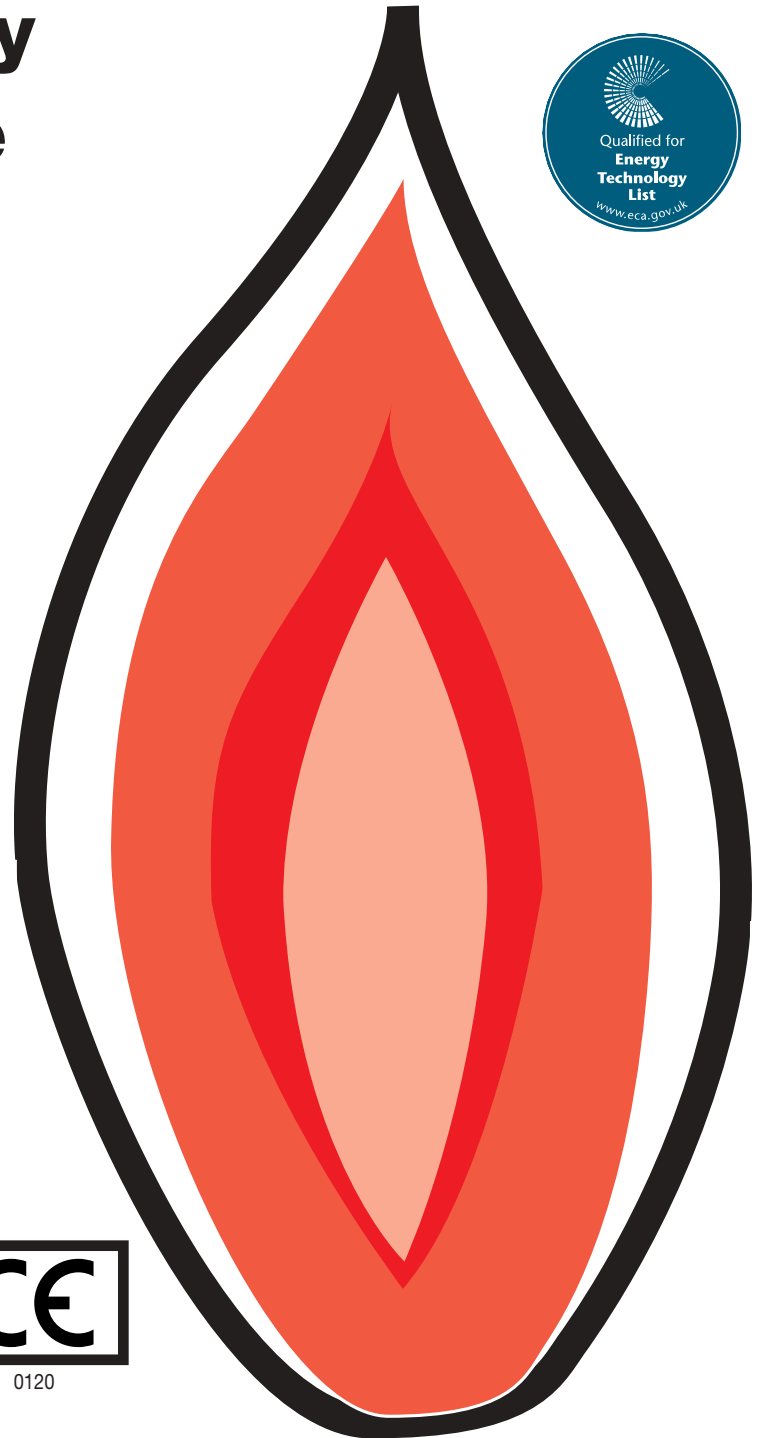


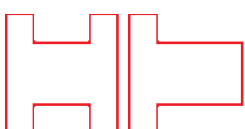
PDE GAS-FIRED UNIT HEATERS

**High Efficiency
Propeller Type
Quiet and
Reliable**



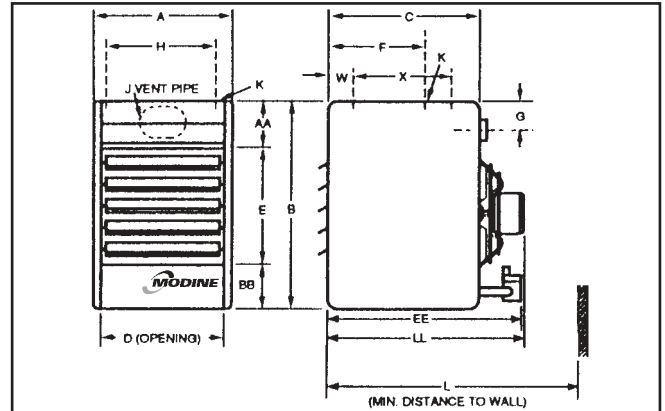
0120

From the company with the know - how



Harry Taylor of Ashton Limited

22's gauge casings with rounded corners and hidden fasteners are aesthetically pleasing with no rattles or vibrations. Electrostatically applied, baked on, polyester powder paint gives durability and corrosion resistance. **20's gauge heat exchangers** give longer life. **Threaded holes** in the top of the heaters and field adjustable suspensions ensure level hanging and reduce total installed cost. **Wing nuts** securing bottom hinged pans allow quick and convenient access to burners and pilots which are robust, self cleaning and easily removable for maintenance. **Light weight, statically balanced, axial flow fans with die formed venturis** give a high throughput of air, ensuring effective distribution and mixing, and minimal temperature stratification. **Fingerproof fan guards** give excellent product safety. **Totally enclosed motors with thermal overloads** maximise protection. **Terminal strips** allow simple wiring connections. **Adjustable horizontal louvres as standard equipment and vertical louvres as optional extras**, give accurate directional control of heated (and, in summer, unheated) air. **Single stage controls with standing pilot ignition and 100% shut-off** give safe operation. **Limit controls** shut off the gas supply on overheat. **CE approved, power vent fans** supplied as optional extras and mounted on the heater flue spigots, help to reduce costs of installation, because shorter and smaller diameter flues are often made possible. These virtually silent and vibrationless fans improve seasonal efficiency and simplify difficult flueing applications.



Item	Model	PDE 30	PDE 50	PDE 75	PDE 100	PDE 125	PDE 150	PDE 175	PDE 200	PDE 250	PDE 300	PDE 350	PDE 400
Performance Data													
Total input	(kW)	8.8	14.7	22.0	29.3	36.6	44.0	51.3	58.6	73.3	87.9	102.6	117.2
Total output	(kW)	7.0	11.7	17.6	23.4	29.3	35.1	41.0	46.9	58.6	70.3	82.0	93.9
Air	(m ³ /s @ 20°C)	0.21	0.35	0.51	0.69	0.87	1.03	1.20	1.36	1.75	2.10	2.34	2.66
Air velocity	(m/s)	2.6	3.2	3.7	4.3	4.4	4.7	4.8	4.1	5.3	5.7	5.6	5.3
Temp rise	(°C)	27	27	28	27	27	28	28	28	27	27	28	28
Max mounting height	(m)	2.1	2.7	3.7	4.3	4.3	4.9	5.2	4.6	5.8	6.4	6.1	6.7
Heat throw	(m)	7.6	10.1	12.5	14.9	15.5	16.8	18.0	15.5	20.4	22.6	21.9	23.2
Motor power	(W)	125	150	200	225	400	450	450	400	750	850	950	1,200
Motor current	(A)	0.13	0.30	0.87	0.98	1.74	1.52	1.96	1.96	2.83	3.91	4.13	5.22
Dimensions													
A	(mm)	327	438	438	489	489	533	597	651	651	727	854	1,016
B	(mm)	616	616	730	730	895	895	895	1,022	1,022	1,022	1,022	1,022
C	(mm)	375	375	508	508	559	559	559	635	635	635	635	635
D	(mm)	265	376	376	427	427	472	535	589	589	665	792	953
E	(mm)	330	330	406	406	508	508	508	610	610	610	610	610
F	(mm)	235	235	279	279	305	305	305	343	343	356		
G	(mm)	51	51	70	70	92	92	92	111	111	111	108	108
H	(mm)	235	346	346	397	397	448	505	559	559	635	762	924
AA	(mm)	127	127	159	159	203	203	203	229	229	229	229	229
BB	(mm)	159	159	165	165	184	184	184	184	184	184	184	184
J	(dia" equivalent)	3"	4"	5"	6"	6"	7"	7"	7"	8"	9"	10"	10"
K (see note 1)	(thread)	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10
Gas connection		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
W	(mm)											127	127
X	(mm)											406	406
L (see note 2)	(mm)	718	718	914	914	927	943	943	1,038	1,041	1,073	1,073	1,200
LL	(mm)	448	457	590	599	650	669	699	775	775	797	797	797
EE	(mm)	565	565	737	737	775	775	775	835	835	835	835	835
Fan diameter	(mm)	228	305	305	348	348	408	458	508	508	560	560	650
Approx. weight	(kg)	26.4	32.7	46.4	52.7	69.1	73.6	76.8	105.0	105.0	118.6	150.0	186.4

- NOTES 1. Models PDE 30/300 have two holes and the level hanging adjustment feature. Models PDE 350/400 have four holes.
 2. This dimension equals overall plus 150mm.
 3. Models under shaded areas in the above table are only available on special order.



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