Declaration of Performance

No. 061 19052017

ANTOINETTE 985MM

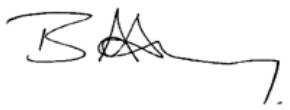
Unique Product Code:	**LD180/181**
Type, batch or serial number:	**LD180/181-985**
Intended use of the construction product:	Heat emitters for central heating systems to be supplied with hot water or steam below 120°C from a remote heat source.
Manufacturer:	Jig UK Ltd, Hurlingham Business Park, Fulbeck Heath, Grantham NG32 3HL
System of AVCP:	System 3
Harmonized standard:	EN 442-1:2014
Notified body:	BSRIA, Bracknell, Berkshire, RG12 7AH (0480)
Test report number:	**59949B7PS**

Declared Performance

Essential Characteristics	Performance	Harmonized Technical Specification
Reaction to fire	A1	EN 442-1:2014
Release of dangerous substances	None	
Pressure tightness	No leakage at 1.3 x maximum operating pressure [kPa]	
Surface temperature	Maximum 120°C	
Resistance to pressure	No breakage at 1.69 x maximum operating pressure [kPa]. Maximum operating pressure: 550 [kPa]	
Rated thermal outputs	See appendix 1	
Thermal output in different operating conditions (characteristic curve)	$\Phi = Km \cdot \Delta T^n$ See appendix for factor Km and exponent n	
Resistance against corrosion	No corrosion after 100h humidity	
Resistance against minor impact	Class 0	

Signed for and on behalf of the manufacturer by:

Brian Athey
Managing Director
Dated: 11/11/2026



APPENDIX 1 - Dimensions and Thermal Outputs

SKU	Sections	Length (inc. bushes)	BTU's (ΔT 30°)	Watts (ΔT 30°)	BTU's (ΔT 50°)	Watts (ΔT 50°)	Factor, Km	Exponent, n
LD180/181-985-03	3	262mm	655	192	1280	375	2.3268643	1.2981
LD180/181-985-04	4	338mm	877	257	1706	500	3.1024857	1.2981
LD180/181-985-05	5	414mm	1095	321	2133	625	3.8781071	1.2981
LD180/181-985-06	6	490mm	1314	385	2559	750	4.6537286	1.2981
LD180/181-985-07	7	566mm	1532	449	2986	875	5.42935	1.2981
LD180/181-985-08	8	642mm	1750	513	3412	1000	6.2049714	1.2981
LD180/181-985-09	9	718mm	1969	577	3839	1125	6.9805929	1.2981
LD180/181-985-10	10	794mm	2187	641	4265	1250	7.7562143	1.2981
LD180/181-985-11	11	870mm	2409	706	4692	1375	8.5318357	1.2981
LD180/181-985-12	12	946mm	2627	770	5118	1500	9.3074571	1.2981
LD180/181-985-13	13	1022mm	2846	834	5545	1625	10.083079	1.2981
LD180/181-985-14	14	1098mm	3064	898	5971	1750	10.8587	1.2981
LD180/181-985-15	15	1174mm	3282	962	6398	1875	11.634321	1.2981
LD180/181-985-16	16	1250mm	3501	1026	6824	2000	12.409943	1.2981
LD180/181-985-17	17	1326mm	3719	1090	7251	2125	13.185564	1.2981
LD180/181-985-18	18	1402mm	3941	1155	7677	2250	13.961186	1.2981
LD180/181-985-19	19	1478mm	4159	1219	8104	2375	14.736807	1.2981
LD180/181-985-20	20	1554mm	4378	1283	8530	2500	15.512429	1.2981
LD180/181-985-21	21	1630mm	4596	1347	8957	2625	16.28805	1.2981
LD180/181-985-22	22	1706mm	4815	1411	9383	2750	17.063671	1.2981
LD180/181-985-23	23	1782mm	5033	1475	9810	2875	17.839293	1.2981
LD180/181-985-24	24	1858mm	5251	1539	10236	3000	18.614914	1.2981
LD180/181-985-25	25	1934mm	5473	1604	10663	3125	19.390536	1.2981
LD180/181-985-26	26	2010mm	5691	1668	11089	3250	20.166157	1.2981
LD180/181-985-27	27	2086mm	5910	1732	11516	3375	20.941779	1.2981
LD180/181-985-28	28	2162mm	6128	1796	11942	3500	21.7174	1.2981
LD180/181-985-29	29	2238mm	6347	1860	12369	3625	22.493021	1.2981
LD180/181-985-30	30	2314mm	6565	1924	12796	3750	23.268643	1.2981