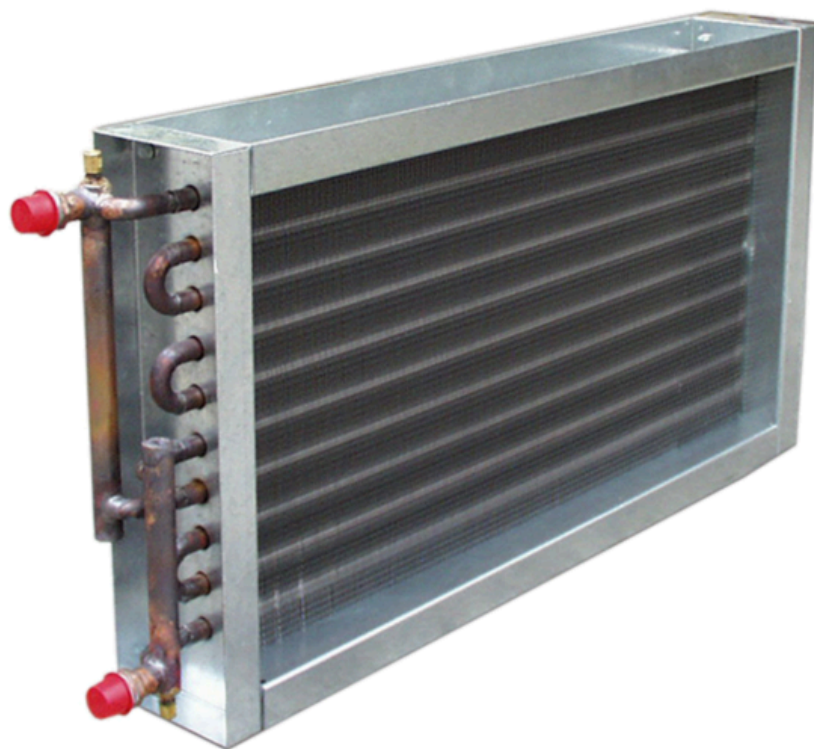


**THERMO
AIR[®]**

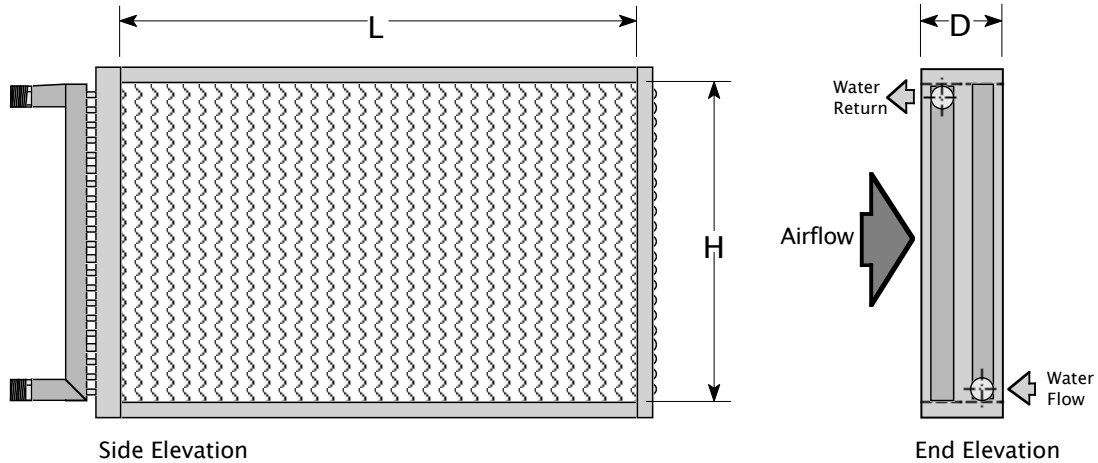
LTHW STANDARD COIL RANGE

**TECHNICAL CATALOGUE
&
PRICE LIST 2017**



5kW – 294kW*

PRICE LIST 2017 & TECHNICAL SPEC



Side Elevation

End Elevation

Unit Ref	Unit Size	Unit Dimensions - Length x Height x Depth (Lx H = Finned Area)			Output 80/60	water flowrate	Output 60/40	Water flowrate	Air flowrate @ 3.5m/s	Air flowrate @ 3.5m/s	Coil Air Pd	Price List
		mm	mm	mm								
wwFC	20/2	580	483	80	32	0.38	22.5	0.27	3530	0.98	53	€ 481.37
wwFC	30/2	740	457	80	38	0.45	27.2	0.32	4261	1.18	58	€ 527.76
wwFC	40/2	980	457	80	50	0.60	36.0	0.43	5643	1.57	56	€ 583.79
wwFC	55/2	1280	483	80	70	0.83	49.7	0.59	7790	2.16	52	€ 663.53
wwFC	20/4	580	457	100	30	0.36	21.3	0.25	3340	0.93	116	€ 636.39
wwFC	30/4	740	457	100	38	0.45	27.2	0.32	4261	1.18	119	€ 712.80
wwFC	40/4	980	457	100	50	0.60	36.0	0.43	5643	1.57	114	€ 844.83
wwFC	55/4	1280	483	100	70	0.83	49.7	0.59	7790	2.16	107	€ 1,001.84
wwHB	7/2	290	305	75	10	0.12	7.1	0.08	1114	0.31	44	€ 183.02
wwHB	7/4	290	330	110	11	0.13	7.7	0.09	1206	0.33	119	€ 272.48
wwHB	9/2	380	406	110	17	0.21	12.4	0.15	1944	0.54	38	€ 264.74
wwHB	9/4	380	406	100	17	0.21	12.4	0.15	1944	0.54	103	€ 473.81
wwHB	10/2	480	508	110	27	0.33	19.6	0.23	2800	0.85	104	€ 315.05
wwHB	10/4	480	500	140	27	0.32	19.3	0.23	3024	0.84	248	€ 574.20
wwHB	12/2	670	660	90	50	0.59	35.5	0.42	5572	1.55	55	€ 610.79
wwHB	12/4	670	660	109	50	0.59	35.5	0.42	5572	1.55	111	€ 870.98
wwHB	15/2	850	864	99	83	0.99	59.0	0.70	9253	2.57	53	€ 905.49
wwHB	15/4	850	864	99	83	0.99	59.0	0.70	9253	2.57	109	€ 1,342.53
wwHB	18/2	1055	1067	99	127	1.51	90.4	1.08	14184	3.94	41	€ 1,184.99
wwHB	18/4	1055	1067	159	127	1.51	90.4	1.08	14184	3.94	85	€ 1,481.94
wwHB	25/2	1350	1321	159	201	2.40	143.2	1.71	22470	6.24	47	€ 1,789.47
wwHB	25/4	1350	1321	159	201	2.40	143.2	1.71	22470	6.24	96	€ 2,847.56

Notes:

- 1) Prices Exclude VAT and delivery
- 2) Coil design parameters: Air on 0°C / Air off 30°C
- 3) All coil handings are as indicated in diagram above. Alternative handings available on request
- 4) Length and Height are aluminium fin dimensions. For overall coil dimensions, unit drawings can be issued on request or downloaded from www.thermoair.ie.
- 5) All coils complete with screw fit connections on both flow and return pipework.
- 6) Nationwide next day delivery on all coils, based on stock availability. Please contact sales team for confirmation of all stock items before order.
- 7) Bespoke, Chilled water, DX, Electric and Steam Coil options available.
- 8) Additional technical information available upon request.
- 9) For any additional information or queries please contact our sales team on (059) 913 1646 or sales@thermoair.com

>Components

Heating and Cooling Coils

- Standard dimensions in stock with next day nationwide delivery
- Bespoke options to suit any application
- Built to the highest standards

Description

Heat Exchangers are used in our own air handling products but can also be applied in various other situations (for example built into ducting). The special design ensures a maximum heat transfer. Standard models are constructed of copper tubing and aluminium fins in a galvanised steel frame. Coils can be supplied partly or completely coated.

Thanks to special software, we can select the correct coils to meet customer specifications. The possible selections are Chilled water (CW) or LTHW, MTHW, steam and of course all available refrigerants such as R407C, R410A, R134A etc. Coils are also available in other materials such as copper, aluminium, copper nickel, stainless steel and combinations of these materials with eventual coating.

Our standard models have a fin spacing of 2.54 mm but this can be customised on request.

Applications

Existing and new air handling units.
Pre-heating or 'top up' to existing systems.
Duct mounting.
Fan coil units.
Door heaters.
Trench/channel heating.

Technical Specifications

All standard heat coils have a fin spacing of 2.54 mm. Every coil is tested under water and at a pressure of 24 bar (2.4 MPa).

Higher pressures or other materials are also available.
All coils are counterflow operation.



Table

In the tables shown previous you will find a summary of our standard heating coils. Because of the various possibilities available we advise you to contact our sales team. They will be happy to assist you in choosing the correct heating coil.

Our coils are built to the following standards:

ISO 9001 - quality management system

ISO 14001 - environmental management system

OHSAS 18001 - occupational health and safety management system