

# **ENERGY TECHNOLOGY LIST CLAIM VALUES**

**September 2016**

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# Air to Air Energy Recovery Devices

Reissued August 2009

The claim values for air to air energy recovery are:

<b>Plate heat exchangers (or recuperators)</b>	
<b>Air flow rate m<sup>3</sup>/second</b>	<b>Claim value</b>
< 1	£2,070
1 to 5	£1,800 per m <sup>3</sup> /second
5 to 10	£1,660 per m <sup>3</sup> /second
>10	£1,520 per m <sup>3</sup> /second

<b>Rotating heat exchangers (including thermal and desiccant heat wheels)</b>	
<b>Air flow rate m<sup>3</sup>/second</b>	<b>Claim value</b>
< 1	£2,480
1 to 5	£2,480 per m <sup>3</sup> /second
5 to 10	£2,070 per m <sup>3</sup> /second
>10	£1,520 per m <sup>3</sup> /second

<b>Run around coils</b>	
<b>Air flow rate m<sup>3</sup>/second</b>	<b>Claim value</b>
< 1	£1,520
1 to 5	£1,520 per m <sup>3</sup> /second
5 to 10	£1,240 per m <sup>3</sup> /second
>10	£970 per m <sup>3</sup> /second

<b>Heat pipe heat exchangers</b>	
<b>Air flow rate m<sup>3</sup>/second</b>	<b>Claim value</b>
< 1	£2,070
1 to 5	£1,800 per m <sup>3</sup> /second
5 to 10	£1,660 per m <sup>3</sup> /second
>10	£1,520 per m <sup>3</sup> /second

## Boiler Equipment

### Automatic Boiler Blowdown Control Equipment

This category was REMOVED from the ETL in 2013 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Reissued August 2008

The claim values for automatic boiler blowdown control equipment are:

Product type	Claim value
Automatic boiler blowdown control equipment	£2,500 plus £2,500 per blowdown valve controlled.

## Burners with Controls

Issued August 2009

The claim values for burners with controls are:

Maximum Rating kW	Claim value £
100	1,100
200	3,100
300	4,600
400	5,700
500	6,600
600	7,200
700	7,800
800	8,300
900	8,700
1,000	9,100
1,100	9,500
1,200	9,800
1,300	10,100
1,400	10,300
1,500	10,600
2,000	11,600
2,500	12,400
3,000	13,100
3,500	13,700
4,000	14,100
4,500	14,600
5,000	15,000
5,500	15,400
6,000	15,700
6,500	16,000
7,000	16,300
7,500	16,600
8,000	16,800
8,500	17,100
9,000	17,300
9,500	17,600
10,000	17,800
11,000	18,200
12,000	18,600
13,000	18,900
14,000	19,200

Maximum Rating kW	Claim value £
15,000	19,500
16,000	19,800
17,000	20,100
18,000	20,400
19,000	20,600
20,000	20,900
21,000	21,100
22,000	21,300
23,000	21,600
24,000	21,800
25,000	22,000
26,000	22,200
27,000	22,400
28,000	22,500
29,000	22,700
30,000	22,900
31,000	23,100
32,000	23,200
33,000	23,400
34,000	23,500
35,000	23,700
36,000	23,900
37,000	24,000
38,000	24,100
39,000	24,300
40,000	24,400
41,000	24,600
42,000	24,700
43,000	24,800
44,000	25,000
45,000	25,100
46,000	25,200
47,000	25,300
48,000	25,400
49,000	25,600
50,000	25,700

Where the specific product rating (in net thermal output terms) is not listed in the table above, purchasers should use the claim value for the nearest available rating.

## Combustion Trim Controls

This category was REMOVED from the ETL in 2012 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Issued August 2009

The claim values for combustion trim controls are:

Product category	Claim value
Standalone control units	£4,000 plus £1,000 per oxygen, carbon dioxide, or carbon monoxide sensor installed in burner exhaust gases (flue)
'Add-on' control modules	£2,500 plus £1,000 per oxygen, carbon dioxide, or carbon monoxide sensor installed in burner exhaust gases (flue).
Upgrade packages	£2,500 plus £1,000 per oxygen, carbon dioxide, or carbon monoxide sensor installed in burner exhaust gases (flue).

# Gas-Fired Condensing Water Heaters

Reissued July 2013

The claim values for Gas-Fired Condensing Water Heaters are:

## Category 1 - Storage type

Maximum Duty (kW)	Claim Value
Up to 40kW	£5,500
Over 40 to 60kW	£6,700
Over 60 to 80kW	£7,800
Over 80 to 100kW	£8,900
Over 100 to 120kW	£10,000
Over 120 to 140kW	£11,200
Over 140 kW	£12,300

## Category 2 - Non Storage - Instantaneous type

Maximum Duty (kW)	Claim Value
Up to 30kW	£1,300
Over 30 to 40kW	£1,800
Over 40 to 50kW	£2,200
Over 50 to 60kW	£2,700
Over 60 to 70kW	£3,200
Over 70 to 80kW	£3,600
Over 80 to 90kW	£4,100
Over 90 kW	£4,600

## Category 3 - Non Storage - Circulating types

Maximum Duty (kW)	Claim Value
Up to 25kW	£1,700
Over 25 to 50kW	£3,300
Over 50 to 100kW	£5,600
Over 100 to 150kW	£6,800
Over 150 to 200kW	£9,600
Over 200 to 250kW	£12,600
Over 250 to 300kW	£14,700
Over 300 to 400kW	£18,000
Over 400 to 500kW	£21,600
Over 500 to 600kW	£24,600
Over 600 to 700kW	£28,600
Over 700 to 800kW	£29,900
Over 800 to 900kW	£30,700
Over 900 kW	£32,800

# Hot Water Boilers

Issued July 2010

The claim values for hot water boilers are:

Rated thermal output (kW)	Claim value
Up to 25kW	£1,700
Over 25 to 50kW	£3,300
Over 50 to 100kW	£5,600
Over 100 to 150kW	£6,800
Over 150 to 200kW	£9,600
Over 200 to 250kW	£12,600
Over 250 to 300kW	£14,700
Over 300 to 400kW	£18,000
Over 400 to 500 kW	£21,600
Over 500 to 600 kW	£24,600
Over 600 to 700 kW	£28,600
Over 700 to 800 kW	£29,900
Over 800 to 900 kW	£30,700
Over 900 to 1,000 kW	£32,800
Over 1,000 to 2,000 kW	£60,000
Over 2,000 to 3,000 kW	£70,600
Over 3,000 to 4,000 kW	£81,300
Over 4,000 to 5,000 kW	£82,000
Over 5,000 to 6,000 kW	£88,800
Over 6,000 to 7,000 kW	£94,000
Over 7,000 to 8,000 kW	£105,100
Over 8,000 to 9,000 kW	£109,900
Over 9,000 to 10,000 kW	£115,600
Over 10,000 to 11,000 kW	£123,000
Over 11,000 to 12,000 kW	£129,700
Over 12,000 to 13,000 kW	£136,300
Over 13,000 to 14,000 kW	£143,000



Over 14,000 to 15,000 kW	£149,600
Over 15,000 to 16,000 kW	£156,400
Over 16,000 to 17,000 kW	£163,000
Over 17,000 to 18,000 kW	£169,700
Over 18,000 to 19,000 kW	£176,400
Over 19,000 to 20,000 kW	£183,000
Over 20,000 to 21,000 kW	£189,700
Over 21,000 to 22,000 kW	£196,300
Over 22,000 to 23,000 kW	£203,000
Over 23,000 to 24,000 kW	£209,600
Over 24,000 to 25,000 kW	£216,400
Over 25,000 to 26,000 kW	£223,000
Over 26,000 to 27,000 kW	£229,700
Over 27,000 to 28,000 kW	£236,300
Over 28,000 to 29,000 kW	£243,000
Over 29,000 to 30,000 kW	£249,700
Over 30,000 to 31,000 kW	£256,300
Over 31,000 to 32,000 kW	£263,000
Over 32,000 to 33,000 kW	£269,600
Over 33,000 to 34,000 kW	£276,400
Over 34,000 to 35,000 kW	£283,000
Over 35,000 to 36,000 kW	£289,700
Over 36,000 to 37,000 kW	£296,300
Over 37,000 to 38,000 kW	£303,000
Over 38,000 to 39,000 kW	£309,700
Over 39,000 to 40,000 kW	£316,300
Over 40,000 to 41,000 kW	£323,000
Over 41,000 to 42,000 kW	£329,600
Over 42,000 to 43,000 kW	£336,400
Over 43,000 to 44,000 kW	£343,000
Over 44,000 to 45,000 kW	£349,700
Over 45,000 to 46,000 kW	£356,300

Over 46,000 to 47,000 kW	£363,000
Over 47,000 to 48,000 kW	£369,600
Over 48,000 to 49,000 kW	£376,300
Over 49,000 to 50,000 kW	£383,000
For each additional 1,000 kW	Add £6,500 to above claim value

## Localised Rapid Steam Generators

Issued August 2008

The claim values for localised rapid steam generators are:

Rated thermal output (kW)	Claim value
Up to 100 kW	£14,000
Over 100 to 150 kW	£14,600
Over 150 to 200 kW	£15,700
Over 200 to 250 kW	£16,900
Over 250 to 300 kW	£18,200
Over 300 to 350 kW	£19,600
Over 350 to 400 kW	£21,200
Over 400 to 450 kW	£22,800
Over 450 to 500 kW	£32,600
Over 500 to 600 kW	£33,800
Over 600 to 700 kW	£35,000
Over 700 to 800 kW	£36,300
Over 800 to 900 kW	£37,600
Over 900 to 1,000 kW	£49,600
Over 1,000 to 1,500 kW	£50,400
Over 1,500 to 2,000 kW	£51,600
Over 2,000 to 2,500 kW	£52,800
Over 2,500 to 3,000 kW	£54,100
Over 3,000 to 3,500 kW	£55,300
Over 3,500 to 4,000 kW	£56,500
Over 4,000 to 4,500 kW	£57,800
Over 4,500 to 5,000 kW	£59,000
Over 5,000 to 6,000 kW	£60,800
Over 6,000 to 7,000 kW	£63,300
Over 7,000 to 8,000 kW	£65,800
Over 8,000 to 9,000 kW	£68,200
Over 9,000 to 10,000 kW	£70,700
For each additional 1,000 kW	Add £2,500 to above claim value.

## Heating Management Controllers (for Wet Heating Systems)

(Formerly Optimising Controls for Wet Heating Systems)

Reissued July 2013.

The claim values for Heating Management Controllers (for Wet Heating Systems) are:

Product category	Claim value
Standalone units	£2,000 plus £500 per zone controlled AND £1,000 per boiler directly controlled.
'Add-on' modules	£500 plus £500 per zone controlled
Packaged products	£2,000 plus £500 per zone controlled AND £1,000 per boiler directly controlled

## Retrofit Burner Control Systems

Claim values for this technology were withdrawn in 2012.  
The previous claim values are displayed for historical value only.

Issued August 2009

The claim values for retrofit burner control systems are:

Product category	Claim value
Retrofit burner control systems	£4,000 plus £250 per precision control valve or modulating fuel valve fitted.

Claim values for variable speed drives are published separately.

## Sequence Controls

This category was REMOVED from the ETL in 2012 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Issued August 2009

The claim values for sequence controls are:

<b>Product category</b>	<b>Claim value</b>
Standalone units	£5,000 plus £1,000 per boiler directly controlled
'Add-on' modules	£2,500 plus £1,000 per boiler directly controlled
Packaged products	£5,000 plus £1,000 per boiler directly controlled

## Steam Boilers

Reissued August 2008

The claim values for steam boilers are:

Rated thermal output (kW)	Claim value
Up to 25 kW	£11,400
Over 25 to 50 kW	£11,900
Over 50 to 100 kW	£12,800
Over 100 to 150 kW	£13,700
Over 150 to 200 kW	£14,500
Over 200 to 250 kW	£15,400
Over 250 to 300 kW	£16,200
Over 300 to 400 kW	£17,800
Over 400 to 500 kW	£19,400
Over 500 to 600 kW	£21,000
Over 600 to 700 kW	£22,500
Over 700 to 800 kW	£24,000
Over 800 to 900 kW	£25,400
Over 900 to 1,000 kW	£26,900
Over 1,000 to 2,000 kW	£40,300
Over 2,000 to 3,000 kW	£52,500
Over 3,000 to 4,000 kW	£63,900
Over 4,000 to 5,000 kW	£74,800
Over 5,000 to 6,000 kW	£85,300
Over 6,000 to 7,000 kW	£95,400
Over 7,000 to 8,000 kW	£105,200
Over 8,000 to 9,000 kW	£114,800
Over 9,000 to 10,000 kW	£124,100
Over 10,000 to 11,000 kW	£133,200
Over 11,000 to 12,000 kW	£142,200
Over 12,000 to 13,000 kW	£151,000
Over 13,000 to 14,000 kW	£159,600
Over 14,000 to 15,000 kW	£168,100

Over 15,000 to 16,000 kW	£176,500
Over 16,000 to 17,000 kW	£184,800
Over 17,000 to 18,000 kW	£193,000
Over 18,000 to 19,000 kW	£201,100
Over 19,000 to 20,000 kW	£209,100
Over 20,000 to 21,000 kW	£217,000
Over 21,000 to 22,000 kW	£224,800
Over 22,000 to 23,000 kW	£232,600
Over 23,000 to 24,000 kW	£240,300
Over 24,000 to 25,000 kW	£247,900
Over 25,000 to 26,000 kW	£255,400
Over 26,000 to 27,000 kW	£262,900
Over 27,000 to 28,000 kW	£270,300
Over 28,000 to 29,000 kW	£277,700
Over 29,000 to 30,000 kW	£285,000
Over 30,000 to 31,000 kW	£292,200
Over 31,000 to 32,000 kW	£299,400
Over 32,000 to 33,000 kW	£306,600
Over 33,000 to 34,000 kW	£313,700
Over 34,000 to 35,000 kW	£320,800
Over 35,000 to 36,000 kW	£327,800
Over 36,000 to 37,000 kW	£334,700
Over 37,000 to 38,000 kW	£341,700
Over 38,000 to 39,000 kW	£348,600
Over 39,000 to 40,000 kW	£355,400
Over 40,000 to 41,000 kW	£362,200
Over 41,000 to 42,000 kW	£369,000
Over 42,000 to 43,000 kW	£375,800
Over 43,000to 44,000 kW	£382,500
Over 44,000 to 45,000 kW	£389,100
Over 45,000 to 46,000 kW	£395,800
Over 46,000 to 47,000 kW	£402,400



Over 47,000 to 48,000 kW	£409,000
Over 48,000 to 49,000 kW	£415,500
Over 49,000 to 50,000 kW	£422,100
For each additional 1,000 kW	Add £6,500 to above claim value

## Compressed Air Equipment

### Energy Saving Controls for Desiccant Air Dryers

This category was REMOVED from the ETL in 2012 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Reissued August 2008

The claim values for energy saving controls for desiccant air dryers are:

Product category	Claim value
Standalone type energy savings controls for desiccant dryers sold with own power supply	£2,000
Other types of energy savings controls for desiccant dryers, including add-on modules	£1,500

## Master Controllers

Reissued July 2013.

The claim values for master controllers are:

Product category	Claim value
Master controllers	£5,435 plus £560 per variable speed compressor controlled AND £330 per fixed speed compressor controlled.

# Heating, Ventilation and Air Conditioning (HVAC) Equipment

## Active Chilled Beams

Issued July 2014

The claim values for chilled beams are:

Product Category	Claim Value (£)
Linear active multi-service chilled beams	£400 per linear meter
Bulkhead active multi-service chilled beams	£400 per linear metre
Modular active multi-service chilled beams	£450 per 600mm x 600mm unit £550 per 600mm x 1200mm unit

## Building Environment Zone Controls

(Formerly Heating, Ventilation and Air Conditioning (HVAC) Zone Controls)

Reissued July 2013

The claim values for Building Environment Zone Controls are:

Product category	Claim value
Standalone zone control units	£500 per zone controlled
Centralised zone control units	£1,500 plus £500 per zone controlled AND £1,000 per item of centralised HVAC plant controlled (for example: boilers, chillers and air handling units).
Packaged zone control products	£500 per zone controlled plus £1,000 per item of centralised HVAC plant controlled (for example: boilers, chillers and air handling units).
'Add-on' zone control modules	£500 plus £500 per zone controlled

## Motors and Drives

### Converter-Fed Motors

Revised July 2015

The claim values for converter-fed motors are:

#### A. Integrated Converter-Fed Motor Drive Units

Rating (kW) at rated Voltage	Claim Value
< = 0.55	£ 715
0.75	£ 769
1.1	£ 851
1.5	£ 949
2.2	£ 1,152
3.0	£ 1,331
4.0	£ 1,613
5.5	£ 1,901
7.5	£ 2,237
11.0	£ 2,651
15.0	£ 3,295
18.5	£ 4,114
>= 22.0	£ 4,763

Where the specific rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating to the product's rating.

#### B. Matched Converter-Fed Motor Drive Packages

Rating (kW) at rated Voltage and speed	Maximum continuous speed rating (RPM)				
	Up to 750	751 - 1,000	1,001 - 1,500	1,501 - 3,000	Over 3,000
0.75	£ 1,310	£ 1,180	£ 1,140	£ 1,160	£ 1,270
1.1	£ 1,550	£ 1,400	£ 1,310	£ 1,310	£ 1,430
1.5	£ 1,850	£ 1,670	£ 1,530	£ 1,460	£ 1,590
2.2	£ 2,110	£ 1,880	£ 1,650	£ 1,630	£ 1,780
3	£ 2,490	£ 2,190	£ 1,800	£ 1,800	£ 1,980
4	£ 3,340	£ 2,500	£ 2,140	£ 2,160	£ 2,400
5.5	£ 3,590	£ 2,760	£ 2,540	£ 2,510	£ 2,800
7.5	£ 4,260	£ 3,650	£ 3,030	£ 2,960	£ 3,310
11	£ 5,540	£ 4,550	£ 3,700	£ 3,710	£ 4,210
15	£ 6,880	£ 5,720	£ 4,700	£ 4,610	£ 5,200

18.5	£ 8,850	£ 7,000	£ 5,800	£ 5,740	£ 6,460
22	£ 10,570	£ 7,860	£ 6,750	£ 6,750	£ 7,630
30	£ 12,830	£ 11,220	£ 8,600	£ 8,560	£ 9,700
37	£ 17,250	£ 13,010	£ 10,730	£ 11,140	£ 12,800
45	£ 17,880	£ 16,790	£ 12,200	£ 13,110	£ 15,090
55	£ 21,550	£ 18,770	£ 14,370	£ 15,600	£ 17,960
75	£ 25,070	£ 22,040	£ 16,860	£ 18,570	£ 21,590
90	£ 31,360	£ 26,710	£ 20,860	£ 22,200	£ 25,640
110	£ 37,960	£ 32,230	£ 25,330	£ 28,690	£ 33,380
132	£ 42,410	£ 36,650	£ 28,080	£ 29,880	£ 34,530
160	£ 48,610	£ 42,160	£ 32,850	£ 34,480	£ 39,800
200	£ 63,420	£ 50,510	£ 47,060	£ 43,950	£ 51,350
315	£ 93,580	£ 73,530	£ 78,990	£ 66,780	£ 66,780
400	£ 120,030	£ 89,380	£ 74,870	£ 81,340	£ 96,210
500	£ 119,340	£ 54,810	£ 99,870	£ 105,810	
750	£ 152,930	£ 54,810	£ 137,150	£ 141,710	
1,000	£ 201,020	£ 54,810			

Where the specific rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating to the product's rating.

C. Converter-Fed Motors (sold without VSD)

Rating (kW) at rated Voltage and speed	Maximum continuous speed rating (RPM)				
	Up to 750	751 - 1,000	1,001 - 1,500	1,501 - 3,000	Over 3,000
0.75	£ 368	£ 289	£ 263	£ 274	£ 345
1.1	£ 441	£ 347	£ 288	£ 288	£ 363
1.5	£ 548	£ 431	£ 347	£ 302	£ 381
2.2	£ 677	£ 532	£ 394	£ 377	£ 475
3	£ 878	£ 690	£ 448	£ 443	£ 558
4	£ 1,308	£ 781	£ 556	£ 570	£ 718
5.5	£ 1,361	£ 845	£ 708	£ 690	£ 869
7.5	£ 1,645	£ 1,259	£ 871	£ 832	£ 1,048
11	£ 2,495	£ 1,832	£ 1,264	£ 1,274	£ 1,605
15	£ 3,024	£ 2,252	£ 1,576	£ 1,514	£ 1,908
18.5	£ 3,917	£ 2,688	£ 1,885	£ 1,848	£ 2,328
22	£ 4,795	£ 2,987	£ 2,252	£ 2,252	£ 2,838
30	£ 5,760	£ 4,692	£ 2,941	£ 2,917	£ 3,675

<b>37</b>	£ 8,318	£ 5,496	£ 3,971	£ 4,248	£ 5,352
<b>45</b>	£ 8,831	£ 8,053	£ 4,774	£ 5,426	£ 6,837
<b>55</b>	£ 10,746	£ 8,762	£ 5,617	£ 6,496	£ 8,185
<b>75</b>	£ 12,941	£ 10,781	£ 7,076	£ 8,300	£ 10,458
<b>90</b>	£ 15,994	£ 12,677	£ 8,495	£ 9,450	£ 11,907
<b>110</b>	£ 19,502	£ 15,409	£ 10,481	£ 12,878	£ 16,226
<b>132</b>	£ 23,400	£ 18,972	£ 12,379	£ 13,760	£ 17,338
<b>160</b>	£ 26,590	£ 21,629	£ 14,468	£ 15,727	£ 19,816
<b>200</b>	£ 36,872	£ 26,945	£ 24,287	£ 21,895	£ 27,588
<b>315</b>	£ 55,484	£ 40,062	£ 44,263	£ 34,873	£ 34,873
<b>400</b>	£ 73,738	£ 50,165	£ 38,999	£ 43,980	£ 55,415
<b>500</b>	£ 63,900	£ 66,650	£ 48,925	£ 53,496	
<b>750</b>	£ 87,480	£ 80,460	£ 75,341	£ 78,850	
<b>1,000</b>	£ 122,400	£ 96,100			

Where the specific rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating to the product's rating.



## Integrated Motor Drive Units

This category was REMOVED as a separate category from the ETL in 2016 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only. Please now refer to the Converter-Fed Motors category for products that meet the Converter-Fed Motors criteria.

Reissued August 2008

The claim values for integrated motor drive units are:

Single phase input	
Electrical power rating (kW)	Claim value
Up to 0.25 kW	£390
0.37 kW	£420
0.55 kW	£520
0.75 kW	£559
1.1 kW	£619
1.5 kW	£690
2.2 kW	£837

Three phase input	
Electrical power rating (kW)	Claim value
Up to 0.55 kW	£650
0.75 kW	£699
1.1 kW	£774
1.5 kW	£863
2.2 kW	£1,047
3 kW	£1,210
4 kW	£1,466
5.5 kW	£1,728
7.5 kW	£2,034
11 kW	£2,410
15 kW	£2,995
18.5 kW	£3,740
22 kW	£4,330
For each additional kW	Add £175 to above claim value

Where the specific electrical power rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating above the product's rating.

# Line Operated AC Motors

Reissued July 2014

The claim values for Line Operated AC Motors are:

Rated Power Output (kW)	Claim value							
	STANDARD				FLAMEPROOF (EEx d or EEx de)			
	2 pole	4 pole	6 pole	8 pole	2 pole	4 pole	6 pole	8 pole
0.75 kW	£250	£342	£364	£554	£627	£655	£824	£1,251
1.1 kW	£331	£333	£451	£701	£1,003	£782	£1,020	£1,584
1.5 kW	£370	£388	£533	£831	£1,038	£870	£1,204	£1,879
2.2 kW	£440	£459	£668	£1,076	£1,216	£999	£1,510	£2,431
3 kW	£534	£549	£843	£1,312	£1,352	£1,243	£1,906	£2,941
4 kW	£635	£632	£1,050	£1,609	£1,633	£1,438	£2,373	£3,635
5.5 kW	£824	£800	£1,355	£2,048	£2,049	£1,833	£2,697	£3,851
7.5 kW	£1,095	£1,070	£2,061	£2,890	£2,470	£2,279	£3,561	£4,994
11 kW	£1,638	£1,557	£2,698	£4,218	£3,306	£3,076	£4,665	£6,936
15 kW	£1,948	£1,852	£3,573	£4,641	£3,618	£3,600	£6,146	£8,054
18.5 kW	£2,268	£2,235	£3,958	£5,427	£4,181	£4,428	£6,989	£9,258
22 kW	£2,746	£2,539	£4,394	£6,118	£4,952	£4,803	£7,487	£11,911
30 kW	£3,488	£3,114	£6,186	£7,579	£6,117	£6,155	£9,893	£13,117
37 kW	£4,049	£4,393	£7,186	£9,136	£7,864	£7,760	£11,788	£15,333
45 kW	£5,618	£5,117	£7,730	£10,391	£10,109	£9,765	£14,021	£19,638
55 kW	£6,413	£5,874	£9,559	£11,934	£12,673	£11,665	£17,883	£21,411
75 kW	£7,916	£7,252	£11,646	£13,556	£16,315	£13,033	£20,217	£24,235
90 kW	£9,719	£8,921	£13,068	£14,906	£20,501	£16,673	£23,363	£25,852
110 kW	£11,711	£10,631	£14,727	£18,323	£23,989	£18,697	£24,811	£32,270
132 kW	£12,883	£11,710	£17,515	£22,081	£27,499	£21,648	£28,889	£37,162
160 kW	£15,585	£13,411	£18,252	£22,184	£29,794	£22,572	£33,837	£51,822
185 kW	£17,457	£15,000	£20,267	£27,014	£33,503	£25,991	£37,457	£51,267
200 kW	£18,667	£16,643	£21,326	£30,583	£36,146	£28,587	£39,821	£48,931
250 kW	£23,554	£18,919	£25,952	£34,941	£44,125	£34,886	£48,225	£58,836
280 kW	£26,106	£21,194	£26,797	£38,748	£49,272	£38,748	£53,239	£63,356
315 kW	£28,344	£23,931	£29,140	£43,398	£54,535	£42,731	£58,554	£71,370
355 kW	£31,532	£24,763	£37,550	£47,186	£56,658	£46,566	£64,467	£80,379
375 kW	£34,521	£25,599	£40,516	£51,611	£61,966	£49,491	£69,498	£82,578
400 kW	£37,508	£26,435	£43,482	£55,261	£67,275	£52,416	£74,529	£89,162

Where the specific electrical power rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating above the product's rating.

## Switched Reluctance Drives

This category was REMOVED from the ETL in 2013 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Reissued August 2008

The claim values for switched reluctance drives are:

Electrical power rating (kW)	Claim value
1.1 kW	£830
1.5 kW	£863
2.2 kW	£1,048
3 kW	£1,223
4 kW	£1,443
5.5 kW	£1,915
7.5 kW	£2,470
11 kW	£3,162
15 kW	£3,992
18.5 kW	£4,823
22 kW	£5,704
30 kW	£6,740
37 kW	£7,932
45 kW	£9,697
55 kW	£12,111
75 kW	£14,191
90 kW	£17,365
110 kW	£19,849
132 kW	£22,379
150 kW	£24,955
160 kW	£31,968
185 kW	£33,408
200 kW	£34,339
250 kW	£42,892
280 kW	£44,855
315 kW	£50,417
355 kW	£52,869
375 kW	£55,168
400 kW	£57,466
For each additional kW	Add £150 to above claim value

Where the specific electrical power rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating above the product's rating.

## Variable Speed Drives

Reissued July 2013

The claim values for variable speed drives are:

Electrical power rating (kW)	Claim value		
	Single phase input	Three phase input (Up to 690 Volts)	Three phase input (Over 690 Volts)
Up to 0.37 kW	£177		
0.55 kW	£196		
0.75 kW	£228	£415	
1.1 kW	£271	£479	
1.5 kW	£297	£479	
2.2 kW	£376	£589	
3 kW	£466	£673	
4 kW		£790	
5.5 kW		£1,062	
7.5 kW		£1,428	
11 kW		£1,668	
15 kW		£2,188	
18.5 kW		£2,701	
22 kW		£3,151	
30 kW		£3,560	
37 kW		£4,228	
45 kW		£4,717	
55 kW		£6,299	
75 kW		£7,109	
90 kW		£8,677	
110 kW		£9,513	
132 kW		£10,941	
150 kW		£13,084	
160 kW		£13,084	
250 kW		£17,532	
315 kW		£21,739	
355 kW		£24,328	
400 kW		£26,917	
500 kW		£25,109	£57,870
750 kW		£27,140	£65,970
1,000 kW		£29,006	£77,940
1,250 kW		£34,494	£89,460
1,500 kW		£43,868	£102,690
1,750 kW		£48,596	£112,590

2,000 kW		£59,424	£120,600
2,250 kW		£67,848	£132,030
2,500 kW		£78,001	£144,540
3,000 kW			£158,490
3,500 kW			£171,000
4,000 kW			£188,100
4,500 kW			£206,190
5,000 kW			£225,990
5,500 kW or above			£235,530

Where the specific electrical power rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating to the product's rating.

## Radiant and Warm Air Heaters

### Radiant Heating Equipment

Reissued July 2014

The claim values for radiant heating equipment are:

Product category	Claim value
Standalone unit type optimising controllers for radiant heating systems	£550 plus £100 per zone controlled or £900 for a multi-zone controller
'Add-on' module type optimising controllers for radiant heating systems	£350 plus £100 per zone controlled or £600 for a multi-zone controller

## Warm Air Heating Equipment

Reissued July 2014

The claim values for warm air heating equipment are:

Product category	Claim value
Standalone unit type optimising controllers for warm air heating systems	£500 plus £100 per zone controlled or £850 for a multi-zone controller
'Add-on' module type optimising controllers for warm air heating systems	£300 plus £100 per zone controlled or £550 for a multi-zone controller

## Refrigeration Equipment

### Automated Permanent Refrigerant Leak Detection Systems

Reissued August 2008

The claim values for automated permanent refrigerant leak detection systems are:

<b>Product type</b>	<b>Claim value</b>
Stand-alone single sensor system	£700
Central controller with 2 to 16 sensor probes	£8,000
Central controller with up to 32 sensor probes	£16,000
For each additional sensor probe	Add £500 to above claim value



## Automatic Air Purgers

This category was REMOVED from the ETL in 2013 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Reissued August 2008

The claim values for automatic air purgers are:

Number of purge points	Claim value
1	5,000
2	6,100
3	7,200
4	8,300
5	9,600
6	10,600
7	12,000
8	13,100
9	14,200
10	15,300
11	16,200
12	16,900
13	17,400
14	18,000
15	18,500
16	19,000
For each additional purge point	Add £500 to above claim value

# Curtains, Blinds, Doors and Covers for Refrigerated Display Cabinets

Reissued July 2015

The claim values for curtains, blinds, sliding doors and covers for refrigerated display cabinets are:

Product type	Claim value			
Strip curtains	£60 per metre wide			
Electrically operated night blinds	£150 per metre wide			
Manually operated night blinds	£50 per metre wide			
Chest freezer transparent covers	£135 for a 1.5 metre long freezer £200 for a 2 metre long freezer			
Transparent sliding doors	Length (metres)	Width (metres)		
		0.5-1	1.1-1.5	1.6-2
	1.5-2	£390	£475	£555
	2.1-3	£475	£610	£720
	3.1-4	£555	£720	£970
Transparent hinged doors	£400 per door for doors less than 1.5 m high £500 per door for doors equal to, or greater than, 1.5 m high			

Claims values do not apply to Enhanced air flow management equipment.

## Evaporative Condensers

Reissued August 2008

The claim values for evaporative condensers are:

Heat rejection capacity (kW)*	Claim value
Up to 200	£15,500
Over 200 to 500	£23,000
Over 500 to 1,000	£28,500
Over 1,000 to 1,500	£33,750
Over 1,500 to 2,000	£39,000
Over 2,000 to 2,500	£45,125
Over 2,500 to 3,000	£51,250
Over 3,000 to 3,500	£57,500
Over 3,500 to 4,000	£63,500
Over 4,000 to 4,500	£67,375
Over 4,500 to 5,000	£71,250
Over 5,000 to 5,500	£75,125
Over 5,500 to 6,000	£79,000
For each additional 500 kW	Add £3,500 to above claim value

Note: Heat rejection capacity as measured at a rating condition of 40°C condensing temperature and 25°C wet bulb ambient temperature.

## Liquid Pressure Amplification

This category was REMOVED from the ETL in 2010 following an amendment to the Energy Technology Criteria List (ETCL). Claim values are displayed for historical value only.

Issued August 2009.

The claim values for liquid pressure amplification are:

Electrical rating of drive motor (W)	Claim value
Up to 30	£4,800
Over 30 to 100	£5,500
Over 100 to 130	£6,300
Over 130 to 250	£7,500
Over 250 to 370	£9,400
Over 370 to 500	£11,400

## Refrigerated Display Cabinets

Reissued August 2009

The claim values for refrigerated display cabinets are:

<b>Product type</b>	<b>Claim value</b>
Integral chilled semi-vertical (IVC1x)	£1,435 per metre length
Integral chilled multi-deck (IVC2x)	£1,435 per metre length
Integral chilled vertical glass door (IVC4x)	£1,800 per metre width
Remote chilled semi-vertical (RVC1x)	£1,640 per metre length
Remote chilled multi-deck (RVC2x)	£1,640 per metre length
Remote chilled vertical glass door (IRVC4x)	£1,800 per metre width

# Refrigeration Compressors

Revised August 2008

The claim values for refrigeration compressors are:

<b>Reciprocating and Screw Compressors</b>		
<b>Compressor Displacement (m<sup>3</sup>/hr)</b>	<b>Claim value for hermetically sealed reciprocating compressors</b>	<b>Claim value for semi-hermetic compressors and semi-hermetic economiser packages</b>
Over 9 to 18	£700	£1,800
Over 18 to 58		£3,900
Over 58 to 100		£6,600
Over 100 to 160		£9,600
For each additional 1 m <sup>3</sup> /h		Add £60 to above claim value

<b>Scroll Compressors</b>		
<b>Compressor Displacement (m<sup>3</sup>/hr)</b>	<b>Claim value for hermetic scroll compressors</b>	<b>Claim value for hermetic scroll economiser packages</b>
Over 9 to 16	£900	£1,000
Over 16 to 55	£2,100	£2,300
Over 55 to 65	£3,300	£3,600
Over 65	£4,500	£5,000

# Refrigeration System Controls

Issued August 2009

The claim values for refrigeration system controls are:

Product category	Claim value
System management units or packages	£10,000 plus: £500 per compressor pack controlled AND £250 per evaporator controlled AND £500 per condenser controlled AND £250 per energy meter monitored AND £100 per refrigerated case/cabinet/cold room configured for defrost on demand control
'Add-on' controllers	£500 per compressor pack controlled AND £250 per evaporator controlled AND £500 per condenser controlled

# Uninterruptible Power Supplies

Reissued July 2014

The claim values for uninterruptible power supplies are:

Static Uninterruptible Power Supplies		Rotary Uninterruptible Power Supplies	
Rating (kVA)	Claim value	Rating (kVA)	Claim value
10	£6,830	200	£71,815
20	£13,662	210	£75,406
30	£15,072	220	£78,996
40	£16,482	230	£82,587
50	£20,604	240	£86,178
60	£24,724	250	£89,768
70	£28,844	260	£93,359
80	£32,966	270	£96,950
90	£37,086	280	£100,541
100	£26,422	290	£104,131
110	£29,066	300	£107,722
120	£31,708	310	£111,313
130	£34,350	320	£114,903
140	£36,992	340	£122,085
150	£39,634	350	£125,675
160	£42,276	360	£129,266
170	£44,918	370	£132,857
180	£47,560	380	£136,447
190	£50,204	390	£140,038
200	£52,846	400	£143,629
210	£55,489	410	£147,220
220	£58,131	420	£150,810
230	£60,773	430	£154,401
240	£63,416	440	£157,992
250	£66,058	450	£161,582
260	£68,700	460	£165,173
270	£71,343	470	£168,764
280	£73,985	480	£172,355
290	£76,627	490	£175,946
300	£79,269	500	£179,537
For each additional 10 kVA above 300kVA add £2,642 to the above claim value		For each additional 10 kVA above 500kVA add £2,992 to the above claim value	

Where the specific rating of the product is not listed in the table above, purchasers should use the claim value for nearest available rating to the product's rating.