

## Price list 2022 Republic of Ireland

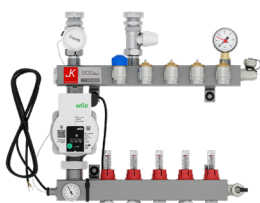
**JK ® system | in-ground warm water underfloor heating system (using JK flextube, diameter; 14 mm)**

Pipe spacing approx. 125 mm		Recommended Retail Price - Screed Installation	
Number of loops/circuits	Maximum Area	Price excl. VAT	Price incl. VAT (13.5%)
1	11 m <sup>2</sup> (sq.m)	€ 1,120.00	€ 1,271.20
2	22 m <sup>2</sup> (sq.m)	€ 1,350.00	€ 1,532.25
3	33 m <sup>2</sup> (sq.m)	€ 1,700.00	€ 1,929.50
4	44 m <sup>2</sup> (sq.m)	€ 2,110.00	€ 2,394.85
5	55 m <sup>2</sup> (sq.m)	€ 2,480.00	€ 2,814.80
6	66 m <sup>2</sup> (sq.m)	€ 2,840.00	€ 3,223.40
7	77 m <sup>2</sup> (sq.m)	€ 3,270.00	€ 3,711.45
8	88 m <sup>2</sup> (sq.m)	€ 3,580.00	€ 4,063.30
9	99 m <sup>2</sup> (sq.m)	€ 3,960.00	€ 4,494.60
10	110 m <sup>2</sup> (sq.m)	€ 4,340.00	€ 4,925.90
Per extra loop/circuit	> 10 port manifold	€ 375.00	€ 425.63
Second - or additional - manifold(s)	per manifold	€ 280.00	€ 317.80
LT instead of Ecoline manifold	per manifold	- € 148.00	- € 167.98

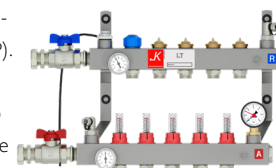
The Recommended Retail Price (RRP) includes installation of a JK underfloor heating (UFH) system in accordance with the JK installation conditions and the JK Manifold of which two types are available. Please use the guide below to choose the correct manifold.

**JK Ecoline (1-12 Port)**

Complete with direct mounted A-rated Wilo Yonos pump and built in blending set. The JK Ecoline manifold is designed to connect to a high temperature heat-source that requires blending prior to entering the JK ® system and therefore not suitable for use with a low temperature systems.


**JK LT (1-12 Port)**

The JK LT manifold is designed to connect to a low temperature heat-source (such as GSHP or ASHP). This design does not contain a blending set or circulation pump and therefore not suitable for use with a high-temperature systems.


**Additional / Optional: Products & Services**

Fees / Deductions		Price excl. VAT	Price incl. VAT (13.5%)
Concrete / Tile Cutting (testcut required for tiles)	per m <sup>2</sup> (sq.m)	€ 15.00	€ 17.03
Phased installation (<8 port)	charge per phase	€ 250.00	€ 283.75
By-pass valve	22 (mm) - supply only	€ 19.56	€ 22.20
Actuator Head 230V	per piece	€ 17.36	€ 19.70
Approx. 30cm channel prep. for floor sensors (floor prob)	per channel	€ 35.00	€ 39.73
TECE Press joint - supply / fit / guarantee	per piece	€ 45.00	€ 51.08
Service call-out (repair, etc.)	planned	€ 150.00	€ 170.25
Service call-out (repair, etc.)	urgent	€ 250.00	€ 283.75
Flow/Return prep. for i.e. towel rad., services, other UFH system	per flow/return prep.	€ 75.00	€ 85.13
JK flex sealing	per m <sup>2</sup> in 15 m <sup>2</sup> increments (sq.m)	€ 10.10	€ 11.46
JK wedges for JK flextube**	500pc	€ 15.00	€ 17.03
JK wedges for JK flextube**	1000pc	€ 30.00	€ 34.05
JK wedges for JK flextube**	4000pc	€ 120.00	€ 136.20
Spare Port on Manifold + Blanking nut 3/4 inch	per port incl. 2 nuts	€ 52.00	€ 59.02
Generator (mounted onto JK vehicle, available if power supply in house is not suitable to operate JK floorgrinder, min 20Amp)	per day	€ 360.00	€ 408.60
CAD tube layout design from DWG file for quoted JK ® system floor-heated area (From customer supplied DWG file) - project ranging from 30-150 m <sup>2</sup>		€ 120.00 + £1,40 per m <sup>2</sup> (sq.m)	€ 136.20 + £1,59 per m <sup>2</sup> (sq.m)
Heat loss analysis and CAD tube layout design for quoted JK ® system floor-heated area (From customer supplied DWG file and insulation values) - project ranging from 30-150m		€ 120.00 + £2,00 per m <sup>2</sup> (sq.m)	€ 136.20 + £2,27 per m <sup>2</sup> (sq.m)

• JK flex sealing is not a levelling compound! Product is solely intended to backfill UFH channels prior to liquid compound application. The substrate must be flat and smooth prior to application of JK flex sealing • Wedges are used to secure JK flextube into the channels, advisable prior to JK flex sealing or levelling/smoothing compound applications. Quantity recommendation; one wedge insert per 500 [mm] pipe-length.

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The RRP is primarily based on the number of square metres, however, there are some exceptions. Please read the explanation below and use the example to ensure that the correct price will be calculated. The two situations are explained below and an example is provided for situation 2.

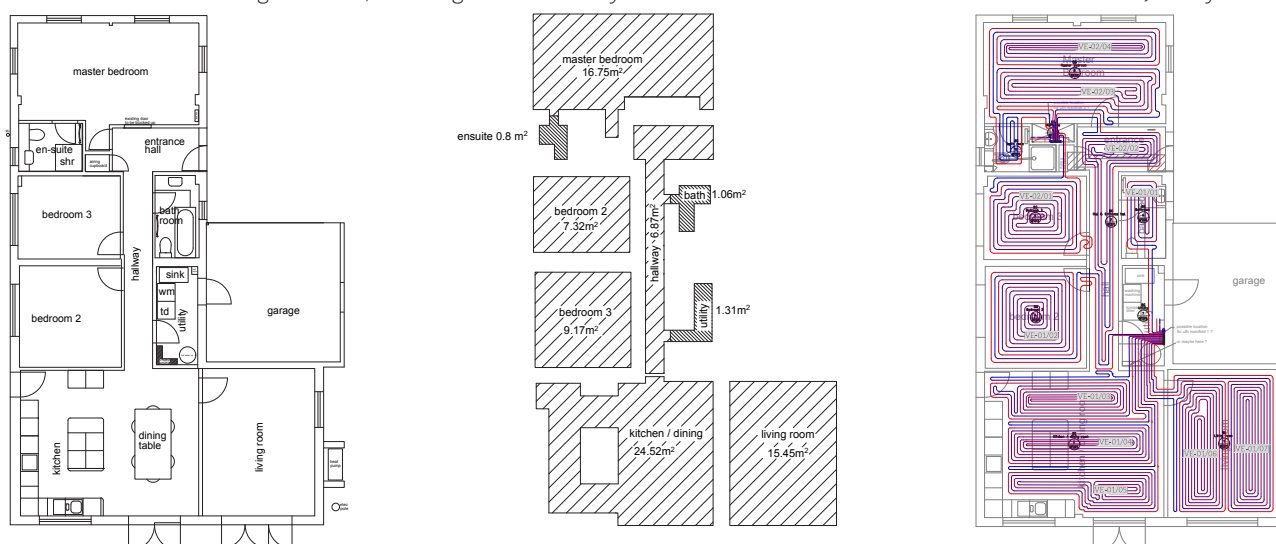
### Situation 1

If the space to be heated is regarded as one room / zone the total area can be measured and the corresponding area given in the price list can be used for calculating the price. For instance, 50m<sup>2</sup> requires a 5-loop system (max 55m<sup>2</sup>), which is supplied from one manifold unit (either Ecoline or LT).

### Situation 2

If the space to be heated is regarded as separate zones, the total area of each zone must be measured individually and the number of loops needs to be selected on an individual zone basis.

\*Flow/Return distance to and from the manifold for loops must be accounted and measured for each zone. Wall to wall measurement results in 'gross' area, reducing the distance by 40 cm results in 'net' area which is accurate for the JK ® system.



#### Example; Installation of UFH in seven separate zones

Zone 1:	Kitchen / Dining	24.5 m <sup>2</sup>	3 circuit
Zone 2:	Living Room	15.5 m <sup>2</sup>	2 circuits*** concrete
Zone 3:	Bedroom 3	9.2 m <sup>2</sup>	1 circuit
Zone 4:	Hallway / Utility	8.2 m <sup>2</sup>	1 circuit*** concrete
Zone 5:	Bathroom	2 m <sup>2</sup>	1 circuit
	<b>MANIFOLD 1</b>	<b>59.4 m<sup>2</sup></b>	<b>8 port</b>
Zone 6:	Master Bed	16.8 m <sup>2</sup>	2 circuits
Zone 7:	Bedroom 2	7.3 m <sup>2</sup>	1 circuit
	<b>MANIFOLD 2</b>	<b>24.1 m<sup>2</sup></b>	<b>3 port</b>
<b>Total:</b>		<b>83.5 m<sup>2</sup></b>	<b>11 circuits (instead of 8)</b>

#### Price calculation RRP

10 - loop UFH system	€ 4,925.90
1 additional circuit/loop	€ 425.63
1 additional manifold	€ 317.80
*** 24m <sup>2</sup> concrete fee	€ 408.72
<b>Total:</b>	<b>€ 6,078.05 incl. VAT</b>

This price list is valid from 1 May 2022 - JK floorheating Ltd. has the right to change the RRP without notice - Terms and Conditions apply.