

## General Information

Location	Kildare
Number of Units	85
Apartment size	98 m <sup>2</sup>
No. of Wetrooms	K + 3
Product Status	Victorum 180L

Floor U-value (W/m <sup>2</sup> K)	NA (Mid Floor)
Roof U-value (W/m <sup>2</sup> K)	NA (Mid Floor)
Wall U-value (W/m <sup>2</sup> K)	0.18
Window U-value (W/m <sup>2</sup> K)	1.1
Window G-value	NA
Thermal Bridging (W/m <sup>2</sup> K)	0.15
Air Permeability (m <sup>3</sup> /hr/m <sup>2</sup> )	3



	Load		Usage Heating (kWh's)		Usage DHW (kWh's)	
	Heating	DHW	Heat Pump	Back Up Elec	Heat Pump	Back Up Elec
January	390	339	81	27	93	8
February	307	309	65	15	85	6
March	228	336	50	5	94	2
April	116	319	25	2	90	1
May	23	287	5		81	1
June	5	366	1		103	0
July	8	354	2		100	0
August	9	342	2		96	0
September	14	295	3	0	83	0,1
October	110	286	24	2	80	1
November	271	325	57	14	90	5
December	377	316	78	26	87	8
Total	1859	3874	393	92	1082	32
Sum Total	5732		485		1114	
Total SCOP			3,84		3,48	

Overall System SCOP: 3,59

For more information visit:



[www.joule.ie](http://www.joule.ie)



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## System Selection

Located in Newbridge, Co Kildare, The Paddocks apartments comprises over 250 1, 2 and 3 bedroom apartments.

The main drivers for choosing this solution was to have a decentralised system aiding in CAPEX & OPEX costs, mitigates any potential summer overheating, an all in one (heating, hot water & ventilation) system supplied by one manufacturer & most importantly ensures efficient operation with a clean healthy living environment for the tenant.

## Address

Newbridge, Co. Kildare



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