

General Information

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

Floor U-valve (W/m²K)	NA (Mid Floor)
Roof U-valve (W/m²K)	NA (Mid Floor)
Wall U-valve (W/m²K)	0.18
Window U-valve (W/m²K)	1.1
Window G-valve	NA
Thermal Bridging (W/m²K)	0.15
Air Permeability (m³/hr/m²)	3



Case Study

January
February
March
April
May
June
July
August
September
October
November
December
Total
Sum Total
Total SCOP

	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



www.jouleuk.co.uk

Case Study

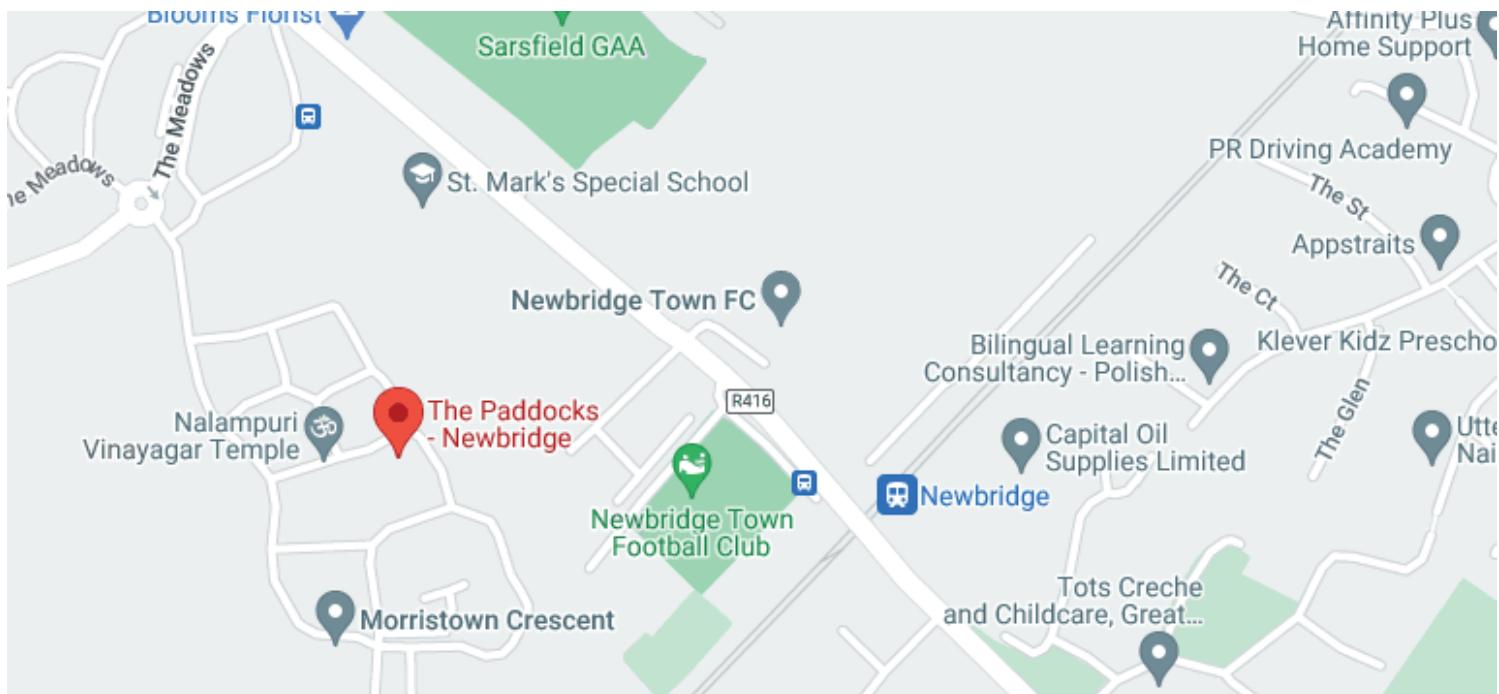
System Selection

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.

Adress

Newbridge, Co. Kildare



For more information visit: