

Property Ref	House Type	Total Floor Area	External Wall U Value	Corridor & Stairwell Wall U Values	Flat Roof U Value	Window U Value	Window G-Value	Front Door U Value	Y Value	Design Air Pressure	Heating System	Distribution Losses	Heating Controls	Cylinder Volume (L)	Cylinder Measured Heat Loss (kWh/24hrs)	Ventilation Reference	DER	TER	% Reduction	DfEE	TfEE	% Reduction
A1 - 1B1P	Second Floor Flat	39.88	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	19.61	21.72	9.69	44.19	50.35	12.22
A1 - 1B1P - 10F	Tenth Floor Flat	39.88	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	21.60	24.02	10.06	50.85	62.20	18.29
A1 - 1B2P	First Floor Flat	49.74	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	16.27	18.98	14.28	35.50	43.54	18.47
A2 - 2B4P	First Floor Flat	69.28	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	14.15	16.12	12.25	32.70	38.18	14.34
A2 - 2B4P - 10F	Tenth Floor Flat	71.20	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.01	19.87	14.39	44.65	59.04	24.38
A2 - 2B4P - 2F	Second Floor Flat	71.20	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	13.80	16.38	15.75	32.85	41.73	21.26
A3 - 1B2P	First Floor Flat	49.84	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	16.55	19.23	13.96	36.99	45.95	19.50
A3 - 1B2P - 10F	Tenth Floor Flat	87.98	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	16.02	18.82	4.74	43.95	48.73	9.81
A3 - 1B2P - 7F	Seventh Floor Flat	49.84	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.73	19.45	8.63	41.24	46.59	11.48
A4 - 2B3P - 9F	Ninth Floor Flat	67.38	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.47	17.02	9.11	37.27	42.91	13.13
A4 - 1B1P	First Floor Flat	37.15	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.55	22.52	22.07	33.30	41.37	19.49
A4 - 1B2P - 6F	Sixth Floor Flat	37.15	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	19.65	23.24	22.13	40.83	53.46	23.62
A4 - 2B3P - 10F	Tenth Floor Flat	67.38	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.68	21.78	19.82	45.02	67.34	33.14
A4 - 2B3P - 7F	Seventh Floor Flat	67.38	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.66	16.86	7.13	37.89	42.15	10.11
A5 - 2B3P	First Floor Flat	60.87	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	16.03	18.28	12.29	38.67	46.51	16.87
A5 - 2B3P - 6F	Sixth Floor Flat	60.87	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	16.10	18.35	12.27	38.92	46.89	17.01
A5 - 3B5P - 10F	Tenth Floor Flat	88.55	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.71	23.78	33.93	43.14	70.89	38.98
A5 - 3B5P - 9F	Ninth Floor Flat	88.55	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	13.64	17.92	23.87	35.65	45.41	21.51
A5 - 2B3P - 10F	Tenth Floor Flat	60.87	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	20.60	23.42	12.03	54.78	72.79	24.75
A6 - 2B3P - 9F	Ninth Floor Flat	60.87	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	18.21	18.46	1.36	47.39	47.45	0.11
B1 - 1B1P	First Floor Flat	36.50	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	21.16	25.66	17.53	48.82	54.56	10.52
B1 - 1B1P - 6F	Sixth Floor Flat	36.50	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	23.38	28.75	18.78	55.06	68.25	19.33
B2 - 2B4P	First Floor Flat	71.68	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	13.76	16.33	15.76	32.77	41.62	21.26
B2 - 2B4P - 6th	Sixth Floor Flat	71.68	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.79	18.37	14.03	39.75	51.91	23.42
B3 - 2B4P	First Floor Flat	69.96	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.27	18.37	16.96	37.74	41.38	8.79
B3 - 2B4P - 6th Floor	Sixth Floor Flat	69.96	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.39	20.83	16.50	45.22	51.89	12.86
B4 - 1B2P	First Floor Flat	50.14	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.58	17.37	10.29	31.61	35.80	11.72
B4 - 1B2P - 6F	Sixth Floor Flat	50.14	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.69	19.42	8.90	39.45	46.43	15.03
B5 - 1B2P	First Floor Flat	50.95	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	15.24	17.20	11.41	30.49	35.47	14.02
B5 - 1B2P - 6F	Sixth Floor Flat	50.95	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	17.31	19.14	9.58	38.41	45.51	15.62
B6 - 2B3P - 6F	Sixth Floor Flat	61.03	0.15	0.25	0.15	1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	16.66	19.59	14.97	39.57	53.08	25.44
B6 - 2B3P	First Floor Flat	61.03	0.15	0.25		1.20	0.40	1.31	0.01	3.00	Communal Mains Gas Boilers, Efficiency 95.56%	>= 1991, pre-insulated, low temp, variable flow	Flat Rate Charging, programmer & TRVs	180	1.85	Nuare MRXBOXAB-EC04	14.58	17.48	16.62	32.36	42.16	23.25

Multiplier	TFA*M	DER*TFA*M	TER*TFA*M	DfEE*TF A*M	TfEE*TF A*M
3	119.64	2346.1404	2598.0169	5287.3233	6023.5765
1	39.88	861.408	967.7274	2027.7382	2480.5425
6	208.44	4855.1188	5684.2415	10986.5991	12996.292
1	69.28	980.312	1117.1252	2265.6028	2644.837
5	356	6055.56	7073.2123	15895.278	21018.987
1	71.2	982.56	1166.3841	2239.1316	2870.8915
3	149.52	2474.556	2875.9623	5531.2896	6870.107
1	87.98	1409.4396	1479.6451	3866.9779	4287.5442
1	49.84	883.6632	969.2458	2095.3485	2321.8602
5	336.9	5211.843	5734.0932	12556.966	14455.53
1	37.15	651.9825	836.63203	1237.2684	1536.7882
1	37.15	729.9975	907.5604	1516.9599	1886.1943
1	67.38	1191.0784	1467.4901	3033.9711	4537.2822
5	336.9	5275.854	5680.693	12765.265	14200.612
6	365.22	5854.4766	6675.0981	14121.736	16985.913
5	304.35	4903.039	5585.4704	11945.254	14272.331
1	88.55	1391.1205	2105.6719	3820.0272	6259.8166
5	442.75	6039.11	7932.7454	15783.113	20107.312
5	304.35	6269.61	7127.118	16870.866	22153.758
1	60.87	1108.4427	1123.7035	2884.8171	2888.1265
8	292	8178.72	7491.7768	14255.973	15931.655
1	36.5	852.64	1049.4716	2009.6574	2491.1715
8	573.44	7890.5344	9366.5875	18792.223	23866.316
3	215.04	3395.4816	3949.6865	8548.0762	11162.224
1	69.96	1068.2892	1284.9747	2640.2765	2894.6225
6	419.76	7299.6294	8741.7251	18980.596	21781.823
6	300.84	4687.0872	5224.6506	9508.4119	10770.237
3	150.42	2660.9298	2921.0218	5934.7925	6884.6918
6	305.7	4658.868	5298.9914	9391.972	10842.155
1	50.95	881.9445	975.40104	1956.7468	2318.8801
1	61.03	1016.7598	1195.7324	2415.043	3239.1849
1	61.03	888.9985	1065.7385	1975.0283	2573.2146
6160.02		100952.49	117633.58	242438.55	295854.98

Block Compliance	
Block Compliance DER	10.38833736
Block Compliance DfEE	39.35677967
Block Compliance TfEE	48.02824988

14.18%

18.05%

Block Compliance		
Block Compliance DER	15.45332762	
Block Compliance TER	27.93784077	44.69%
Block Compliance DFEE	39.35677967	
Block Compliance TFEE	48.02824988	18.05%