

HWS Flowrates				
L/min	Load	Flow °C	Return °C	
182P	0.36	37.50	50.00	25.00
284P	0.36	37.50	50.00	25.00
284P	0.36	37.50	50.00	25.00
182P	0.36	37.50	50.00	25.00

Heating flow rates				
Primary (HUI)		Secondary (Agg)		m = q/cdt
Flow	Return	Flow	Return	
Private	65.00	35.00	50.00	30.00
Shared	65.00	35.00	50.00	30.00
Affordable	65.00	35.00	50.00	30.00

Heating Load		Heating		HWS	
		W/m ²		W/m ²	
Apartment		35		35	
Commercial		50		40	

Systems		Qty		HWS		Heating		Total	
		kW		Diversity		kW		kW	
Block A & B System		80	3010.00	9.34%	281.214	194.285	62.50%	121.423	402.642

Space heating diversity factor P72 CP1
0.62 + 0.38/N

Block	Level(s)	Qty	Desc.	Area m ²	Type	Tenure	HWS		Heating		Total	HTG	HWS		Total	Space	HWS		Total
							kW	L/s	kW	L/s	kW	D L/s	kW	D L/s	kW	D L/s	kW	L/s	kW
A	8	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.014	0.359	0.373	0.014	0.359	0.373		0.373
A	8	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.009	0.222	0.231	0.014	0.359	0.373		0.373
A	7	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.007	0.171	0.178	0.014	0.359	0.373		0.373
A	7	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.005	0.125	0.130	0.014	0.359	0.373		0.373
A	7	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.004	0.113	0.117	0.014	0.359	0.373		0.373
A	7	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.004	0.103	0.107	0.014	0.359	0.373		0.373
A	6	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.003	0.085	0.088	0.014	0.359	0.373		0.373
A	6	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.003	0.081	0.084	0.014	0.359	0.373		0.373
A	6	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.003	0.077	0.080	0.014	0.359	0.373		0.373
A	6	1	Apartment	84.00 Private	284P		37.50	0.359	2.940	0.023	0.382	0.005	0.074	0.079	0.023	0.359	0.382		0.382
A	6	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.004	0.071	0.075	0.020	0.359	0.378		0.378
A	6	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.004	0.069	0.073	0.020	0.359	0.378		0.378
A	5	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.003	0.065	0.067	0.014	0.359	0.373		0.373
A	5	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.063	0.065	0.014	0.359	0.373		0.373
A	5	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.061	0.064	0.014	0.359	0.373		0.373
A	5	1	Apartment	84.00 Private	284P		37.50	0.359	2.940	0.023	0.382	0.004	0.060	0.064	0.023	0.359	0.382		0.382
A	5	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.059	0.062	0.020	0.359	0.378		0.378
A	5	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.057	0.060	0.020	0.359	0.378		0.378
A	4	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.057	0.059	0.014	0.359	0.373		0.373
A	4	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.056	0.058	0.014	0.359	0.373		0.373
A	4	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.055	0.057	0.014	0.359	0.373		0.373
A	4	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.054	0.056	0.014	0.359	0.373		0.373
A	4	1	Apartment	84.00 Private	284P		37.50	0.359	2.940	0.023	0.382	0.003	0.052	0.056	0.023	0.359	0.382		0.382
A	4	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.051	0.054	0.020	0.359	0.378		0.378
A	4	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.050	0.053	0.020	0.359	0.378		0.378
A	3	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.050	0.052	0.014	0.359	0.373		0.373
A	3	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.049	0.051	0.014	0.359	0.373		0.373
A	3	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.048	0.050	0.014	0.359	0.373		0.373
A	3	1	Apartment	84.00 Private	284P		37.50	0.359	2.940	0.023	0.382	0.003	0.047	0.050	0.023	0.359	0.382		0.382
A	3	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.046	0.049	0.020	0.359	0.378		0.378
A	3	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.002	0.046	0.048	0.020	0.359	0.378		0.378
A	3	1	Apartment	63.00 Private	282P		37.50	0.359	2.205	0.018	0.376	0.002	0.045	0.048	0.018	0.359	0.376		0.376
A	2	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.045	0.047	0.014	0.359	0.373		0.373
A	2	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.044	0.046	0.014	0.359	0.373		0.373
A	2	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.043	0.045	0.014	0.359	0.373		0.373
A	2	1	Apartment	84.00 Private	284P		37.50	0.359	2.940	0.023	0.382	0.003	0.043	0.046	0.023	0.359	0.382		0.382
A	2	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.002	0.043	0.045	0.020	0.359	0.378		0.378
A	2	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.002	0.042	0.045	0.020	0.359	0.378		0.378
A	1	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.001	0.041	0.043	0.014	0.359	0.373		0.373
A	1	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.002	0.041	0.043	0.014	0.359	0.373		0.373
A	1	1	Apartment	84.00 Private	284P		37.50	0.359	2.940	0.023	0.382	0.003	0.041	0.043	0.023	0.359	0.382		0.382
A	1	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.002	0.040	0.043	0.020	0.359	0.378		0.378
A	1	1	Apartment	70.00 Private	284P		37.50	0.359	2.450	0.019	0.378	0.002	0.040	0.042	0.020	0.359	0.378		0.378
A	0	1	Commercial	165.00 Private	-		40.00	0.383	8.230	0.065	0.448	0.007	0.040	0.050	0.066	0.383	0.449		0.449
A	1	1	Commercial	135.00 Private	-		40.00	0.383	6.750	0.054	0.436	0.006	0.042	0.048	0.054	0.383	0.437		0.437
A	1	1	Commercial	83.00 Private	-		40.00	0.383	4.150	0.033	0.416	0.004	0.042	0.045	0.033	0.383	0.416		0.416
A	0	1	Commercial	135.00 Private	-		40.00	0.383	6.750	0.054	0.436	0.006	0.041	0.047	0.054	0.383	0.437		0.437

B	8	1	Apartment	75.00 Private	284P		37.50	0.359	2.625	0.021	0.380	0.002	0.039	0.041	0.021	0.359	0.380		0.380
B	7	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.001	0.038	0.040	0.014	0.359	0.373		0.373
A	6	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.001	0.038	0.040	0.014	0.359	0.373		0.373
B	6	1	Apartment	70.00 Shared	284P		37.50	0.359	2.450	0.019	0.378	0.019	0.359	0.378	0.020	0.359	0.378		0.378
B	6	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.009	0.222	0.231	0.014	0.359	0.373		0.373
B	6	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.007	0.171	0.178	0.014	0.359	0.373		0.373
B	6	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.006	0.143	0.149	0.014	0.359	0.373		0.373
B	6	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.005	0.130	0.135	0.014	0.359	0.373		0.373
A	5	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.001	0.037	0.038	0.014	0.359	0.373		0.373
B	5	1	Apartment	70.00 Shared	284P		37.50	0.359	2.450	0.019	0.378	0.006	0.113	0.119	0.020	0.359	0.378		0.378
B	5	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.004	0.103	0.107	0.014	0.359	0.373		0.373
B	5	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.004	0.096	0.100	0.014	0.359	0.373		0.373
B	5	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.003	0.090	0.093	0.014	0.359	0.373		0.373
B	5	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.003	0.085	0.088	0.014	0.359	0.373		0.373
A	4	1	Apartment	50.00 Private	182P		37.50	0.359	1.750	0.014	0.373	0.001	0.035	0.037	0.014	0.359	0.373		0.373
B	4	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.005	0.065	0.066	0.025	0.359	0.383		0.383
B	4	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.005	0.077	0.082	0.024	0.359	0.383		0.383
B	4	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.005	0.074	0.079	0.024	0.359	0.383		0.383
B	4	1	Apartment	70.00 Affordable	284P		37.50	0.359	2.450	0.019	0.378	0.004	0.071	0.075	0.020	0.359	0.378		0.378
B	4	1	Apartment	50.00 Shared	182P		37.50	0.359	1.750	0.014	0.373	0.004	0.096	0.100	0.014	0.359	0.373		0.373
B	3	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.005	0.069	0.071	0.024	0.359	0.383		0.383
B	3	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.067	0.071	0.024	0.359	0.383		0.383
B	3	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.065	0.069	0.024	0.359	0.383		0.383
B	3	1	Apartment	70.00 Affordable	284P		37.50	0.359	2.450	0.019	0.378	0.006	0.066	0.069	0.020	0.359	0.378		0.378
A	2	1	Apartment	63.00 Private	283P		37.50	0.359	2.205	0.018	0.376	0.002	0.034	0.035	0.018	0.359	0.376		0.376
B	2	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.061	0.065	0.024	0.359	0.383		0.383
B	2	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.060	0.064	0.024	0.359	0.383		0.383
B	2	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.059	0.062	0.024	0.359	0.383		0.383
B	2	1	Apartment	70.00 Affordable	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.058	0.060	0.020	0.359	0.378		0.378
B	1	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.056	0.060	0.024	0.359	0.383		0.383
B	1	1	Apartment	86.00 Affordable	385P		37.50	0.359	3.010	0.024	0.383	0.004	0.055	0.059	0.024	0.359	0.383		0.383
B	1	1	Apartment	70.00 Affordable	284P		37.50	0.359	2.450	0.019	0.378	0.003	0.054	0.057	0.020	0.359	0.378		0.378
B	0	1	Commercial	77.00 Private	-		40.00	0.383	3.850	0.031	0.415	0.006	0.061	0.063	0.031	0.383	0.415		0.415
B	0	1	Commercial	97.80 Private	-		40.00	0.383	4.890	0.039	0.422	0.006	0.056	0.061	0.039	0.383	0.422		0.422