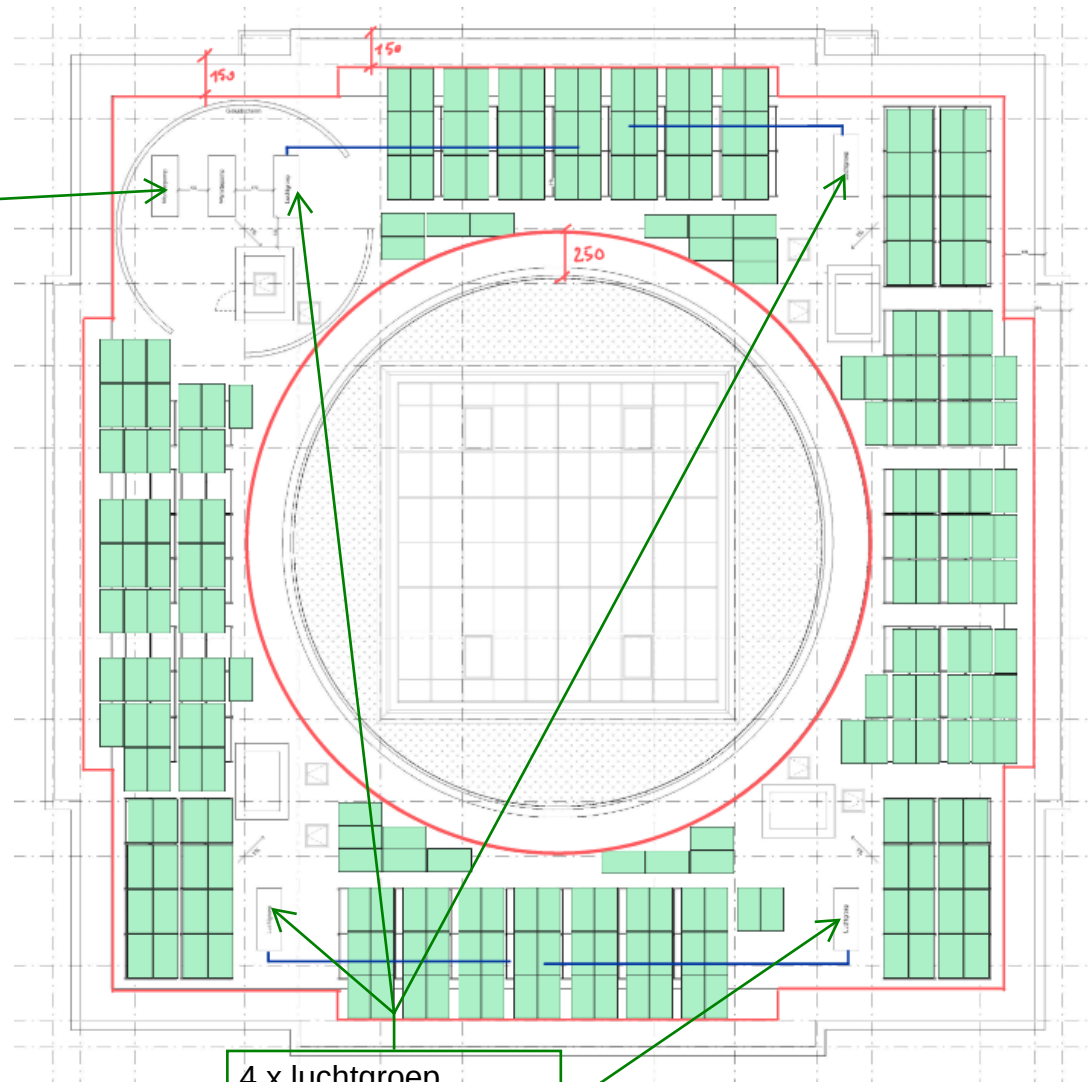
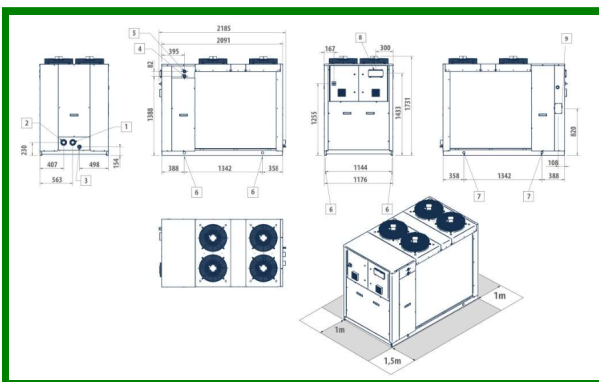


2 x warmtepomp

PLE		102	122	132	142	152
Power supply						
Cooling capacity	(1)(E)	92.5	107	120	132	142
Total power input	(1)(E)	36.1	41.0	44.8	49.7	56.3
EER	(1)(E)	2.56	2.61	2.68	2.66	2.53
SEER	(2)(E)	4.02	4.22	4.23	4.15	3.93
Water flow	(1)	15927	18419	20699	22745	24516
Water pressure drop	(1)(E)	36	34	42	38	44
Available pressure head - LP pumps	(1)	116	115	108	106	108
Available pressure head - HP pumps	(1)	175	173	179	177	160
Heating capacity	(3)(E)	111	125	138	157	172
Total power input	(3)(E)	34.7	39.1	43.1	48.4	53.8
COP	(3)(E)	3.20	3.20	3.21	3.24	3.20
SCOP	(2)(E)	3.61	3.84	3.73	3.79	3.73
Heating energy efficiency class	(4)(E)			A+		
Water flow	(3)	19221	21658	23996	27204	29845
Water pressure drop	(3)(E)	51	46	55	51	60
Available pressure head - LP pumps	(3)	101	96	140	136	111
Available pressure head - HP pumps	(3)	159	154	161	158	132
Maximum current absorption	A	85.0	94.0	105	116	127
Start up current	A	304	304	308	376	376
Startup current with soft starter	A	239	239	243	296	296
Compressors / details				211		
Buffer tank volume	dm ³	190	190	295	295	295
Sound power level	(5)(E)	84	85	88	88	89
Sound power level, low-noise version	(5)	81	82	85	85	87
Weight without options	kg	647	711	828	906	956
Maximum transport weight	kg	739	801	983	1059	1109

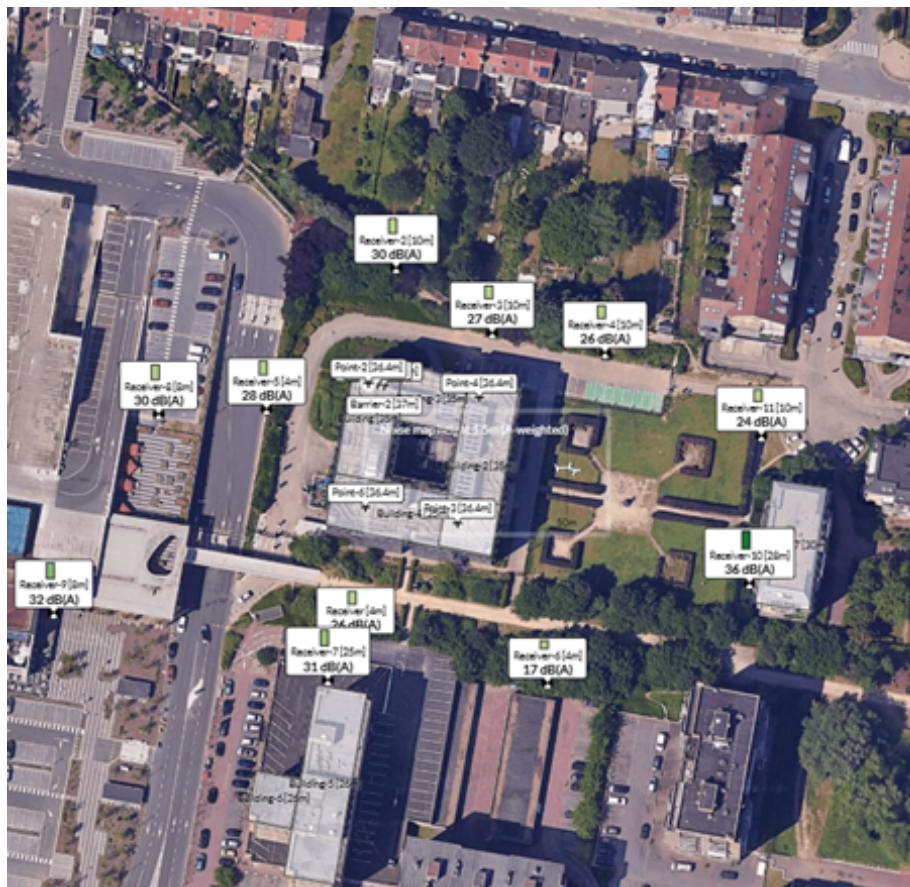
(1) Outdoor air temperature 35°C, water temperature 12°C / 7°C (EN14511:2018)
(2) η efficiency values for heating and cooling are respectively calculated by the following formula: $\eta = SCOP / (2.5 - T_{out}) - T_{in}$ (for heating) and $\eta = SEER / (2.5 - T_{out}) - T_{in}$ (for cooling). For further information, please refer to the technical document "EP 2009/12/CE DIRECTIVE" in the catalogue introducing pages, or to the EN14825:2017 regulation.
(3) Outdoor air temperature 35°C, water temperature 40°C / 45°C (EN14511:2018)
(4) Seasonal energy efficiency class for LOW TEMPERATURE room heating under AVERAGE climatic conditions (EUROPEAN REGULATION No 813/2013)
(5) Sound power level measured according to ISO 9614
(6) Euronotified certified data



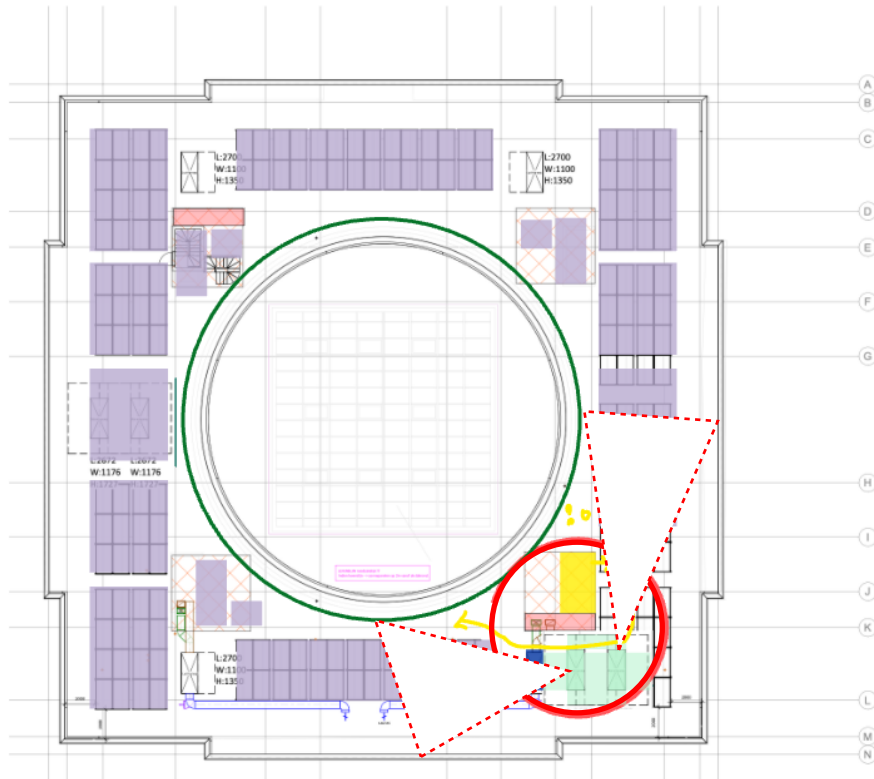
4 x luchtgroep

GELUIDSVERMOGENNIVEAU	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Total
Verse lucht [dB]	45	43	44	66	60	56	45	43	65 [dB(A)]
Toevoerlucht [dB]	47	53	70	72	71	74	68	63	78 [dB(A)]
Afvoerlucht [dB]	47	54	66	72	70	72	64	57	76 [dB(A)]
Extractielucht [dB]	36	45	45	67	62	59	50	42	67 [dB(A)]
Omgeving [dB]	42	48	53	51	49	49	44	39	55 [dB(A)]

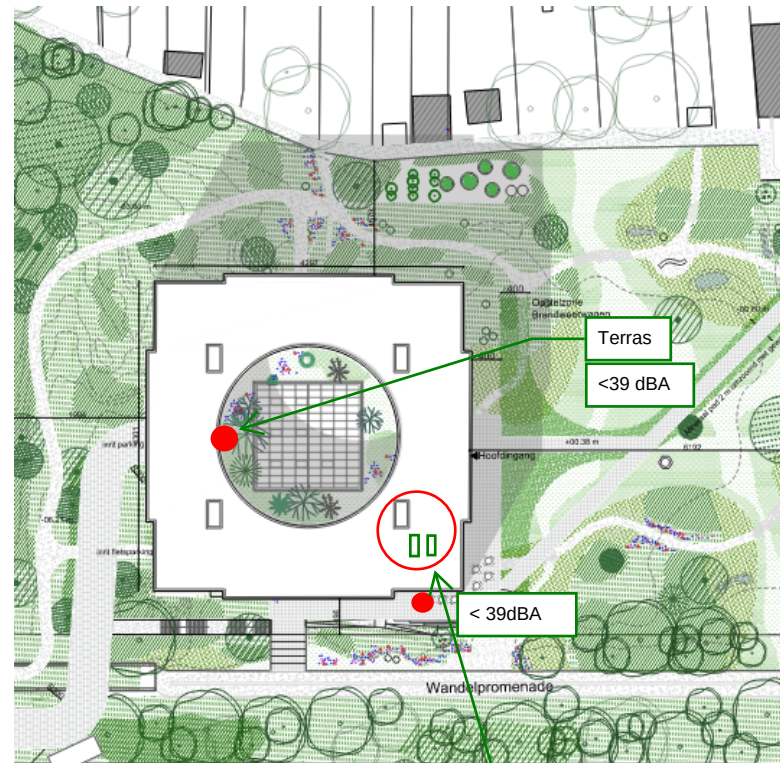
Richtwaarden voor het specifieke geluid volgens KB november 21 2002											
Periodes	A			B			C				
Zones	Lsp	N	Spte	LSp	N	Spte	Lsp	N	Spte		
Zone 1	42	20	72	36	42 ^b	10	30	5	60		
Zone 2	45	20	72	39	45 ^b	10	33	5	60	6	66
Zone 3	48	30	78	42	48 ^b	20	36	10	6	72	
Zone 4	51	30	84	48	54 ^b	20	39	10	6	78	
Zone 5	54	30	90	48	54 ^b	20	42	10	7	84	
Zone 6	60	30	90	54	60 ^b	20	48	10	8	87	



Warmtepomp
Verder van terrassen buitenzijde
+ scherm terrassen binnenzijde



principe ook van
toepassing op positie
WP andere hoeken



<https://dbmap.net/utg90>

Geluidsscherm
14 dB

<https://dbmap.net/t5cuz>