

Item No.	Maintained by	Asset Description	Location	Room Served	Model	Serial Number	Refrigerant	Charge Kg	GWP	Tonnes CO2e threshold for refrigerant	Leak Check Frequency
1	Univeristy of Southampton	Gunter Chiller	W2/84	Environmental test chamber	WK3-600/70/5/V-5	226141080010	R404A	10	3922	5T CO2 Eq.	Annual
2	Univeristy of Southampton	Tricoolthermal Condenser	W2/85	Glider workshop	2014S2/80MTS	S03872	R404A	9	3922	5T CO2 Eq.	Annual
3	JCI	Copeland Condensor	122/100	121/10	DWM Copeland (WCC2/122) DK5JP-15X-EWL	2318233	R448a	1.4	1387	5T CO2 Eq.	Annual
4	JCI	Searle Evaporater	121/10	121/10	K535-4	408651					
5	JCI	Copeland Condensor	122/100	121/12	DWM Copeland (WCC1/122) DK5JP-15X-EWL	2308836	R448a	1.4	1387	5T CO2 Eq.	Annual
6	JCI	Searle Evaporater	121/12	121/12	K535-4	408671					
7	JCI	Copeland Condensor	162	161/27	DWM Copeland (WCC1/162) DLEP-20X-	2249834	R404A	6	3922	5T CO2 Eq.	Annual
8	JCI	Searle Evaporater	161/27	161/27	K545-4	415735					
9	JCI	Copeland Condensor	672	071/15	DWM Copeland (WCC1/162) DLEP-20X-EWL	308089	R404A	6	3922	5T CO2 Eq.	Annual
10	JCI	Searle Evaporater	071/15	071/15	K545-4	415740					
11	JCI	Copeland	122/100	AHU 122	D3DA5-75X-AWM/D (WCC3 122)	2137411	R407C	12	1774	5T CO2 Eq.	Annual
12	JCI	Copeland	122/100	AHU 122	D3DA5-75X-AWM/D (WCC4 122)	10F068861M	R407C	12	1774	5T CO2 Eq.	Annual
13	JCI	Airedale AHU	676/04, 676/06	676/04 676/06	V6CW-EZR	81751608-001	R410A	10	3922	5T CO2 Eq.	Annual
14	JCI	Denco Computaire 100	234/15	234/16	UC101 A2 CWH	A13396	R134A	10	1430	5T CO2 Eq.	Annual
15	JCI	RHOSS Unit	562	561 water tanks	ICHEB1001200888	RHC50012h020001	R410A	3	2088	5T CO2 Eq.	Annual
16	JCI	Denco Server Back up	234/10	024/10	D74 CWH	A39008	R134A	22	1430	5T CO2 Eq.	Annual
17	JCI	Carrier AC (WC)	164/31	164/31	42FWD020	12A5108491	R407C	1.9	1774	5T CO2 Eq.	Annual
18	JCI	Carrier AC (WC)	164/29	164/29	42FWD020	12A5108490	R407C	1.9	1774	5T CO2 Eq.	Annual
19	JCI	Allegro AC (WC)	164/29	164/29	42HQE022N	52217090262	R407C	2	1774	5T CO2 Eq.	Annual
20	JCI	Daikin AC (WC)	134/31	164/31	FWT06AATNMVI	K00023	R410A	1.7	2088	5T CO2 Eq.	Annual
21	JCI	Carrier AC	163	IT Servers	07KD024C74		R407C	0.57	1774	5T CO2 Eq.	Annual
22	JCI	Thermofrost	492	491/04	LWU680R WCC1/492/04	124536	R404A	4	3922	5T CO2 Eq.	Annual
23	JCI	GEA Evaporator	491/04	491/04	SEDE 081C	599166/0100/2007/15424574/1					
24	JCI	Thermofrost	492	491/06	LWU680R WCC1/492/06	124498	R404A	4	3922	5T CO2 Eq.	Annual
25	JCI	GEA Evaporator	491/06	491/06	SEDE 081C	59916/0100/2007/15424574/1					
26	JCI	RHOSS Unit	492	Aquarium	A702970708601	RHC5CNOTCG30001	R410A	5	3922	5T CO2 Eq.	Annual
27	JCI	Copeland Condensor	122/101	121/37	DKMP-7X-EWL	12B093399M	R404A	5	3922	5T CO2 Eq.	Annual
28	JCI	Searle evaporator	121/37 Archive B	121/37	KEC30-4	1061060					
29	JCI	Daikin A/C condensor	S1/54 outside in work shop	S1/53	RX560F4VIB	J011896	R404A	1.5	3922	5T CO2 Eq.	Annual
30	JCI	Daikin evaporator	S1/53	s1/53	FTX560FVIB	E0324459					
31	JCI	Alson A/C	S1/54 outside in work shop	S1/54	A46C25BRAFDA	120-46350-300408	R404A	1.65	3922	5T CO2 Eq.	Annual
32	JCI	Copeland system 1	Rear A1	A11/1	DWM Copeland P8LJ30XWL	08A3422906	R404A	12	3922	5T CO2 Eq.	Annual
33	JCI	Searle Evaporator	A11/1	A11/1	KME80-6AL	419048					
34	JCI	Copeland Sysytem 2	Rear A1	A11/1	DWM Copeland P8LJ30XWL	08L3442238	R404A	12	3922	5T CO2 Eq.	Annual
35	JCI	Searle Evaporator	A11/1	A11/1	KME80-6AL-4	407105					
36	JCI	J&E Hall system A	Rear of A1	A11/04	SHAX3/190-4	AL07110A008	R134A	10	1430	5T CO2 Eq.	Annual
37	JCI	Searle Evaporator	A11/04	A11/04	KS55-6	266209					
38	JCI	J&E Hall system B	Rear A1	A11/04	SHAX3/190-4	AC07111A008	R134A	10	1430	5T CO2 Eq.	Annual
39	JCI	Searle evaporator	A11/04	A11/04	KS55-6	266208					
40	JCI	Prestcold system B	Rear of A1	A11/02	PL20X/00278-09	1885216	R404A	12	3922	5T CO2 Eq.	Annual
41	JCI	Searle Evaporater	A11/02	A11/02	KS55-4	197518					
42	JCI	Prestcold system A	Rear A1	A11/02	PL20X/00278-09	1868748	R404A	12	3922	5T CO2 Eq.	Annual
43	JCI	Searle Evaporator	Rear A1	A11/03	KS55-4	197516					
44	JCI	Kold (system 1)	Rear A1	A11/03	NF4005FM/H	807103	R404A	10	3922	5T CO2 Eq.	Annual
45	JCI	Searle Evaporator			K545-4	424493					
46	JCI	Kold (system 2)	Rear A1	A11/03	NF4005GM/H	807098	R404A	10	3922	5T CO2 Eq.	Annual
47	JCI	Searle evaporator	Rear A1	A11/03	KS45-4	422319					
48	JCI	Daikin A/C condensor	Rear A1	A11/03 Xray	RX560F2VIB	J028828	R410A	1.5	3922	5T CO2 Eq.	Annual
49	JCI	Daikin evaporator	A11/08	A11/03 Xray	FTX560FVIB	E012705					
50	JCI	Copeland Condensor	162	161/27	DLEP-20X-EWL	2249834	R404A	6	3922	5T CO2 Eq.	Annual
51	JCI	Searle Evaporator	161/27	161/27	K545-4	415735					
52	JCI	Qualitair Cooler	453	454/06	J90763	135042005	R407C	1.6	1774	5T CO2 Eq.	Annual
53	JCI	Qualitair Cooler evaporator	454/06	454/06	J70660	129242004					
54	JCI	Copeland condensor	453	454/04	DK5JP-15X-EWK WCC1/ 453	2158438	R404A		3922	5T CO2 Eq.	Annual
55	JCI	Searle Evaporator	454/04	454/04	KS35-4	410799					
56	JCI	Denco A/C	454/16	454/16	UC25BRCW	A42002	R410A	2	3922	5T CO2 Eq.	Annual
57	JCI	Denco A/C	454/18	454/18	UC25BRCW	A42001	R410A	2	3922	5T CO2 Eq.	Annual
58	JCI	Carrier	453	454/10	07hD024C7C	151998/07 KD/13302	R407C	0.57	1774	5T CO2 Eq.	Annual
59	JCI	Carrier Allegro	454/10	454/10	42HQE022N	52205031549	R407C	2	1430	5T CO2 Eq.	Annual
60	JCI	Carrier	453	454/08	07KD024C7L	151998/07KD/13303	R407C	0.57	1774	5T CO2 Eq.	Annual
61	JCI	Carrier Allegro	454/08	454/08	42HQE022N	52205 0330645	R407C	2	1430	5T CO2 Eq.	Annual
62	JCI	MTA Heat Pump	453 MEDA	454/16 + (internal room)	HOCT030	2200297361		0.85	1775	5T CO2 Eq.	Annual
63	JCI	Kelvion Heat Pump	454/16 (internal room)	454/16	Goedhart FC385-p-614404	200158090/10/2017	R404A	6	3922	5T CO2 Eq.	Annual
64	JCI	York air cooled VSD driven screw(Chil	Energy Centre level 7	Whole site	York YCIV0630VA50VAA	RBSM017614	R134A	161	1430	50T CO2 Eq.	6 Monthly
65	JCI	York air cooled VSD driven screw(Chil	Energy Centre level 7	Whole site	York YCIV0630VA50VABB	RLSM020663	R134A	161	1430	50T CO2 Eq.	6 Monthly
66	JCI	York air cooled VSD driven screw(Chil	Energy Centre level 7	Whole site	York YCIV0630VA50VAA	RBSM017613	R134A	161	1430	50T CO2 Eq.	6 Monthly