



**ORBIT TVET COLLEGE
RUSTENBURG CAMPUS**

AIRCONS - SERVICE

VENUE	QUANTITY	SIZE	DISCRIPTION
R75G	1	26 000BTU	Major service & refrigerant required
R74C	1	26 000BTU	Major service & refrigerant required
 			
Cosmetology	3	30 000BTU	Major service required
		30 000BTU	Require refrigerant
		30 000BTU	Require remote controllers
 			
Office	3	28 000BTU	Condensing fan faulty
			Major service required
			Require refrigerant
			Require remote controller
Classroom		30 000BTU	Major service required
Classroom		30 000BTU	Major service required
 			
Plato Lab Classroom	1	30 000BTU	Main pc board fault, compressor faulty
Plato Lab Store Room	1	12 000BTU	Major service required
 			
Workshop Area AC # 1	1	60 000BTU	Major service required
			Require refrigerant
Workshop Area AC # 2	1	60 000BTU	Major service required
			Require refrigerant
Top Area AC1	1	60 000BTU	Faulty pc board PC boards
			Faulty communication wiring
			Major service required
			Require refrigerant

Reception	1	18 000BTU	Major service required
Workshop Office	1	12 000BTU	Major service required
Boardroom	1	12 000BTU	Major service required
Manager Office	1	12 000BTU	Major service required
Work Room Area AC #1	1	18 000BTU	Major service required
Top Class AC #1	1	18 000BTU	Major service required
Top Class AC #4	1	12 000BTU	Major service required
			Require refrigerant
Main Hall Unit #A	1	60 000BTU	Repair leak on copper tubing
			Require refrigerant
			Major service required
Main Hall Unit #B	1	60 000BTU	Require refrigerant
Main Hall Unit #C	1	60 000BTU	Major service required
Main Hall Unit #D	1	60 000BTU	Major service required
Office # 14	1	24 000BTU	Major service & refrigerant required
Switchboard	1	18 000BTU	Major service & refrigerant required
			Faulty compressor
Room #08	1	12 000BTU	Major service & refrigerant required
Room #07	1	12 000BTU	Dripping water
Room #06	1	12 000BTU	Major service required
Ms Mosue Office	1	12 000BTU	Major service required
Room #17	1	12 000BTU	Major service required
Room #18	1	12 000BTU	Major service required
Room #19	1	12 000BTU	Major service required
Groundskeeper Office	1	18 000BTU	Major service & refrigerant required
Groundskeeper Tearoom	1	18 000BTU	Major service & refrigerant required
Study Area Unit # A	1	48 000BTU	Major service required
			Condensing fans faulty x 2
			Require refrigerant

Study Area Unit # B	1	48 000BTU	Major service required
			Replace fan motor capacitors
			Require refrigerant
Academic Lab Unuit # A	1	48 000BTU	Major service required
			Replace fan motor capacitors
			Require refrigerant
Academic Lab Unuit # B	1	24 000BTU	Major service required
			Require refrigerant
Staff Room	1	12 000BTU	Major service required
Internet Café	1	24 000BTU	Repair leak on copper tubing
			Require refrigerant
			Major service required
Academic Support Office	1	12 000BTU	Major service required
Recreation Hall	1	30 000BTU	Major service & refrigerant required
			Compressor oil burned
Eating Area	1	18 000BTU	Faulty compressor
			Faulty condensing coils
			Faulty condensing coils
Unit # A	1	24 000BTU	Faulty electrical cabling
			Major service required
			Require refrigerant
Unit #B	1	24 000BTU	Major service required
			Require refrigerant
			Repair refrigerant pipe insulation in roof
Room #43 (1)	1	30 000BTU	Repair faulty copper tubings
			Major service required
			Require refrigerant
Room #43 (2)	1	30 000BTU	Repair faulty copper tubings
			Major service required
			Require refrigeran

Room 38 Unit #B	1	24 000BTU	Repair flares on refrigerant pipes
			Major service required
			Require refrigerant
Unit #A	4	12 000BTU	Major service & refrigerant required
Unit #B		12 000BTU	Major service & refrigerant required
Unit #C		12 000BTU	Major service & refrigerant required
Unit #D		12 000BTU	Major service & refrigerant required
Auditorium Hall	1	125 000BTU	Faulty compressor
			PC boards faulty
			Require refrigerant
			Major service required
Auditorium Foyer	1	75 000BTU	Repair faulty copper tubings
			Require refrigerant
			PC boards faulty
Unit #A	1	60 000BTU	Repair water leak in indoor unit
			Insulate refrigerant pipes
			Major service required
			Require refrigerant
Unit #B	1	60 000BTU	Major service required
Unit #C	1	60 000BTU	Major service required
Class Area	1	18 000BTU	Capacitor faulty on compressor
			Major service required
Office Area	1	18 000BTU	Major service required
Unit #A	1	60 000BTU	Major service required
			Faulty indoor / outdoor pc boards detected
			Require refrigerant
			Indoor & outdoor main pc boards faulty

Unit #B	1	60 000BTU	Major service required
			Require refrigerant
Unit #A	1	60 000BTU	Major service required
			Require refrigerant
Unit #B	1	60 000BTU	Major service required
			Require refrigerant
Unit #A	1	60 000BTU	Major service required
			Require refrigerant
			Fault communication / pc boards
Unit #B	1	60 000BTU	Major service required
			Require refrigerant
Mobile #109	1	30 000BTU	Major service required
Mobile #110	1	30 000BTU	Major service required
Mobile #111	1	30 000BTU	Major service & refrigerant required
Mobile #112	1	30 000BTU	Major service & refrigerant required
Mobile #113	1	30 000BTU	Major service & refrigerant required
Mobile #114	1	30 000BTU	Major service & refrigerant required
Mobile #116	1	30 000BTU	Major service & refrigerant required
Mobile #01	1	30 000BTU	No electrical to A/C
Mobile #02	1	30 000BTU	Major service & refrigerant required
Creative Room	1	12 000BTU	No electrical to A/C
Central Manager	1	12 000BTU	Faulty outdoor unit pc boards
Reception	1	18 000BTU	Major service & refrigerant required
			Replace faulty refrigerant pipes
Hall A	2	36 000BTU	Trip main breaker
		36 000BTU	Repair faulty electrical
			Major service & refrigerant required
			Install slow curve circuit breakers
Bagroom Class A	1	32 000BTU	Major service & refrigerant required

Bagroom Class B	1	32 000BTU	Major service & refrigerant required
Hall B	4	36 000BTU	Repair faulty electrical
		36 000BTU	Major service & refrigerant required
		36 000BTU	
		36 000BTU	
		36 000BTU	
R 40	2	24 000BTU	Major service & refrigerant required
		24 000BTU	Major service & refrigerant required
Office #33	5	09 000BTU	Major service & refrigerant required
Office #34		12 000BTU	Major service & refrigerant required
Office #35		12 000BTU	Major service & refrigerant required
Office #37		12 000BTU	Faulty compressor
Office #38		12 000BTU	Major service & refrigerant required
R 48	2	24 000BTU	Major service & refrigerant required
		24 000BTU	Major service & refrigerant required
R 49	2	18 000BTU	Major service & refrigerant required
		18 000BTU	Major service & refrigerant required
R 47	2	30 000BTU	Major service & refrigerant required
		30 000BTU	Major service & refrigerant required
R 46	2	24 000BTU	Major service & refrigerant required
		24 000BTU	Major service & refrigerant required
R 44	2	24 000BTU	Repair faulty refrigerant pipe & flares
		24 000BTU	Repair faulty refrigerant pipe
R 50	1	30 000BTU	Major service & refrigerant required
R 51	1	18 000BTU	Major service & refrigerant required
			Size is not correct & will not work in area
R 52	1	30 000BTU	Major service required
			Replace faulty condensate pipe
			Replace broken pipe insulation
			Require refrigerant
R 53	1	30 000BTU	Major service & refrigerant required
R 55	1	30 000BTU	Major service required
			Insulate refrigerant pipes

			Require refrigerant
R 58	1	34 000BTU	Major service & refrigerant required
R 59	1	60 000BTU	Water leaking & trunkings not fit to pipe size Major service & refrigerant required
R 60	1	48 000BTU	Kinked refrigerant pipes & welding leaking Trunking not correctly sized Major service & refrigerant required
R 61	1	36 000BTU	Major service & refrigerant required
R 63	2	18 000BTU 18 000BTU	Major service & refrigerant required
R 64	1	30 000BTU	Major service & refrigerant required
R 65	1	30 000BTU	Major service & refrigerant required Repair copper tubing
R 66	1	30 000BTU	Major service & refrigerant required
R 67	1	24 000BTU	Major service & refrigerant required
R71C (R13)	17	12 000BTU	Earth Leakage Problem
R71D (R14)		12 000BTU	Earth Leakage Problem
R71A (R12)		12 000BTU	Earth Leakage Problem
R71B (R15)		12 000BTU	Earth Leakage Problem
R71L (R30)		12 000BTU	Earth Leakage Problem
R72D (R34)		12 000BTU	Earth Leakage Problem
(R57)		12 000BTU	Earth Leakage Problem
R72H (R55)		12 000BTU	Earth Leakage Problem
R72I (R54)		12 000BTU	Earth Leakage Problem
(R52)		12 000BTU	Earth Leakage Problem
(R50)		36 000BTU	Earth Leakage Problem
(R51A)		18 000BTU	Earth Leakage Problem
(R49)		12 000BTU	Earth Leakage Problem
(R48)		12 000BTU	Earth Leakage Problem
(R46)		09 000BTU	Earth Leakage Problem
(R47)		38 000BTU	Earth Leakage Problem
(R45) Archive		09 000BTU	Earth Leakage Problem

(R44)	12 000BTU	Earth Leakage Problem
(R43)	12 000BTU	Earth Leakage Problem
(R42)	12 000BTU	Earth Leakage Problem
R72 F	12 000BTU	Earth Leakage Problem
72B (R36)	12 000BTU	Earth Leakage Problem
R72A	09 000BTU	Earth Leakage Problem

SIZE	TOTAL
09 000BTU	4
12 000BTU	39
18 000BTU	14
24 000BTU	15
28 000BTU	1
30 000BTU	25
32 000BTU	2
34 000BTU	1
36 000BTU	8
38 000BTU	1
48 000BTU	4
60 000BTU	17
75 000BTU	1
125 000BTU	1