

Client: _____

Date: _____

Name of Contract: _____

Installation Date Arranged: _____

Address: _____

Business Phone Number: _____

Residence: _____

Item	Qty.	Unit	Outside Design Temp (°C) (Use X to mark selected temp) Typical Botswana temp value is 41					Quantity X Factor BTU/HR				
			32	35	38	41	43					
			Factor									
1. Floor Area		m ²	24	32	52	76	100					
2. Room Volume		m ³	20									
3. Windows Exposed to Sun (use only one exposure, the one which gives the highest value)	South Latitude	m ²	460	480	540	600	660					
	N or E	m ²										
	NW	m ²						840	880	920	980	1040
	W	m ²						1140	1200	1260	1320	1380
	NE or SW	m ²						620	660	700	760	820
4. All Windows	Not included in item 3	m ²	120	160	220	280	340					
5. Wall Exposed to Sun	Use same wall as item 3	m ²	120	144	180	200	228					
6. All exterior walls	Not included in item 5	m ²	68	100	148	180	220					
7. Partitions	All interior walls adjacent to unconditioned space	m ²	32	44	68	84	100					
8. Ceiling or Roof	Ceiling with unconditioned space above	m ²	24	32	52	76	100					
9. Insulation	No insulation	m ²	88	108	140	160	180					
	50mm (2") or more	m ²	32	32	44	44	56					
	Roof no insulation	m ²	184	212	236	264	288					
10. People	No. of people		600									
11. Lights and electrical Equipment in use		W	3									
Total cooling load		m ²						BTU/HR =				

Recommended Hisense unit for load (approximate): _____

Tel: 390 00 75 Cell: 71 60 18 56 / 7 Email: sales@ventech.co.bw