

GUIDE FOR SELECTION OF HOUSE WIRING GAUGE (From Distribution Panel to Socket Point)

Airconditioner Model	DISTANCE FROM PANEL TO SOCKET				
	<u>0-40 Ft</u>	<u>41-80 Ft</u>	<u>81-120 Ft</u>	<u>121-160 Ft</u>	<u>161-200 Ft</u>
1.00 TON	3/20	3/18	7/20	7/18	7/16
1.50 TON	3/18	7/18	7/18	7/18	7/16
2.00 TON	3/18	7/18	7/18	7/18	7/16

Note : *Sizes in the table are as per Standard Electrical wiring practice (British System) Eg. 3/20 denotes a single core wire having 3 strands of 20 SWG.*

Equivalent Area :

Size	Sq. MM
3/20	1.97
3/18	3.50
7/20	4.59
7/18	8.17
7/16	14.5

Fuse/Contactor/MCB Size

1.00 TON	15 Amps.
1.50 TON	20 Amps.
2.00 TON	25 Amps.