

HEATSTRIP



OUTDOOR RADIANT HEATERS - THH SERIES

'THH SERIES' SELECTION GUIDELINES

HEATSTRIP panels should be selected to provide the required heating effect in the area to be heated. To determine the kilowatts of heating required. A heat loss calculation should be made and HEATSTRIP units selected to meet this load.

As a quick selection guide for standard application the following factors can be applied:

THH SERIES SELECTION CALCULATION GUIDELINES

MOUNTING HEIGHT	THH3200 sqm	THH2400 sqm	THH1800 sqm	THH1200 sqm
-----------------	-------------	-------------	-------------	-------------

Outdoor undercover part open areas (sidewalk café annex etc)

2.4	6.1	4.4	3.3	2.2
3.0	5.5	4.0	3.0	2.0

Outdoor undercover enclosed area (restaurant annex/patio etc)

2.4	8.8	6.6	5.0	3.3
3.0	8.0	6.0	4.5	3.0
3.5	7.2	5.4	4.1	2.7

Indoor spot heating (factories, above restaurant tables etc)

2.4	11.8	8.8	6.6	4.4
3.0	10.7	8.0	6.0	4.0
3.5	9.6	7.2	5.4	3.6
4.0	9.1	6.8	5.1	3.4
5.0	7.0	5.2	3.9	

Indoor open areas (factories, sports facilities etc)

2.4	17.6	13.2	9.9	6.6
3.0	16.0	12.0	9.0	6.0
3.5	14.4	10.8	8.1	5.4
4.0	13.6	10.2	7.7	5.1
5.0	10.4	7.8	5.9	

Indoor normally insulated areas (school rooms, offices etc)

2.4	35.2	26.4	19.8	13.2
3.0	32.0	24.0	18.0	12.0
3.5	28.8	21.6	16.2	10.8
4.0	27.2	20.4	15.3	10.2
5.0	20.8	15.6	11.7	7.8

To select the required heaters you need to know total square metre area to be heated, mounting height of heater from floor to bottom surface of heater and the type of application.

Example 1

A 40sqm area with heater height of 3m for an outdoor restaurant annex with enclosed blinds. From chart above select "Outdoor undercover enclosed area" table. At a mounting height of 3m, the THH3200 has an 8sqm coverage area. Dividing the total 40sqm area by 8 indicates 5 x THH3200 would be selected. Alternatively, 7 x THH2400 could be selected ($40 \div 6 = 6.66$)

P.T.O



HEATSTRIP



'THH SERIES' SELECTION GUIDELINES

SPOT HEATING (Outdoor open areas for typical 4-seat café table)

Guidelines for spot heating of typical 4 seater table in an under cover outdoor open locations

HEATER HEIGHT	2.5m	3.0m	3.5m	4.0m
South of Sydney	1 x THH3200	1 x THH3200	1 x THH3200	1 x THH3200
North of Sydney	1 x THH2400	1 x THH2400	1 x THH3200	1 x THH3200

Guidelines for spot heating of typical 4 seater table in an undercover enclosed area (restaurant annex with clear blinds etc.)

HEATER HEIGHT	2.5m	3.0m	3.5m	4.0m
South of Sydney	1 x THH2400	1 x THH2400	1 x THH2400	1 x THH3200
North of Sydney	1 x THH1800	1 x THH1800	1 x THH1800	1 x THH2400

Guidelines for under umbrella heating

UMBRELLA AREA	9sqm	12sqm	16sqm
	4 x THH1200	6 x THH1200 or 4 x THH1800	8 x THH1200 or 6 x THH1800

PLEASE NOTE: This is a guide only. For an accurate estimate of your individual requirements, please contact your nearest HEATSTRIP dealer.

OUTDOOR RADIANT HEATERS - THH SERIES

THE OUTDOOR BLIND COMPANY™