

BioTherm[®]

SunFin[™]

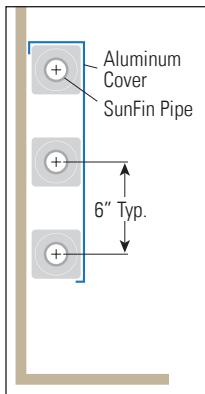


Under-gutter

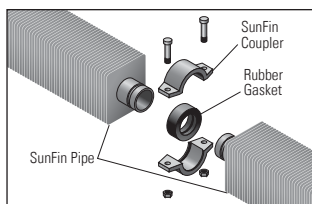


Expanded Aluminum Cover

BioTherm SunFin[™] is our highest heat output finned pipe commonly used for perimeter, top, and gutter heating. Manufactured completely from aluminum, a SunFin pipe does not rust. It is designed with maximum surface area to transport hot water and dissipate large amounts of heat through its fins.



Tiered Installation



SunFin Coupler



Accessories

SPECIFICATIONS	SunFin [™]
Pipe	1.25" schedule 40
Lengths Available	12' standard. Custom available
Aluminum Type	#6063-T5 extra hard alloy
Fins (55 per foot)	3.25" x 3.25" #5052 aluminum alloy, 0.025" thick
Shipping Weight	21.6 lbs. per 12' unit
Inside Diameter	1.38"
Pressure Rating	125psi@230°F
Gaskets	-30°F to 230°F
Water	pH must be maintained 7.5-8.5

BioTherm [®] SunFin [™]	Ground				Bench		Space		Crop						
	On-Ground	In-Ground	On-Floor	In-Floor	Bed	Snow Melt	Frost Protection	On-Bench	In-Bench	Under Bench	Gutter	Top	Perimeter	Rail	In-Crop
Greenhouse (Vegetable, Horticulture, Institutional, Medicinal)										●	●	●	●		
Habitat (Animal enclosures)												●	●	●	
Turf (T-box, Greens, Sports)															
Work Buildings (Shops, hangars, garages, man-caves)											●	●	●		

Heat Pipe Base Output Ratings (BTU/hr/ft) (at 65°F ambient)							
Tier	150°	160°	170°	180°	190°	200°	Steam Rating @ 1psig
1	410	491	571	651	731	970	1046
2	656	785	913	1041	1169	1551	1672
3	943	1129	1313	1497	1681	2230	2405

Ratings w/Expanded Aluminum Cover (BTU/hr/ft) (at 65°F ambient)							
Tier	150°	160°	170°	180°	190°	200°	Steam Rating @ 1psig
1	398	476	554	632	709	941	1015
2	700	837	975	1112	1247	1655	1786
3	948	1134	1320	1506	1689	2242	2418

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