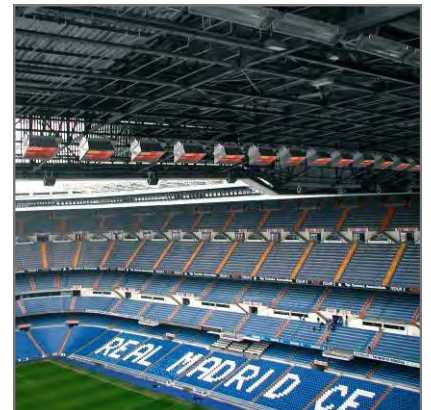
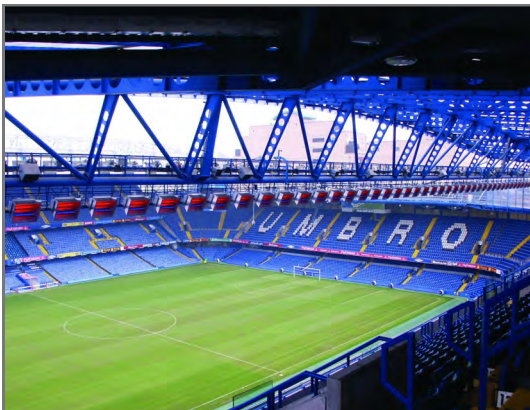
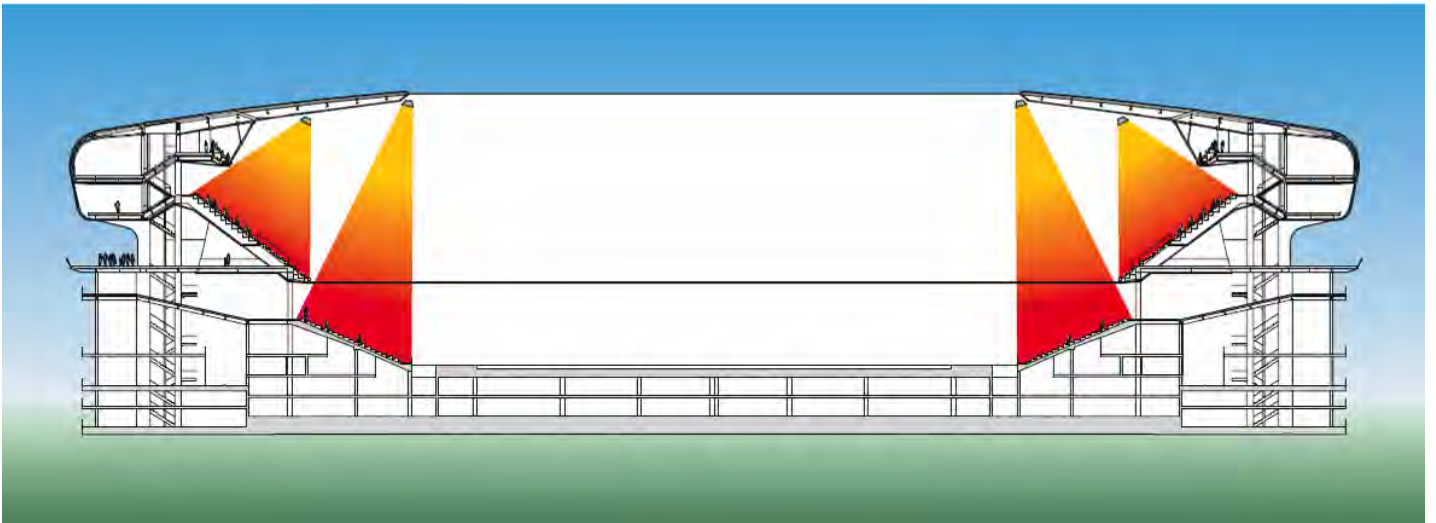


Stadium Heating

Comfort on Cold Days



Schwank
INNOVATIVE HEATING SOLUTIONS



Whether it's the Champion's League or the second league - Schwank stadium Heating is always well received.

Why stadium heating?

It is important to provide special spectators such as VIPs, sponsors, politicians and business people a maximum in comfort. This includes the perceived temperature as well. Not only does the stadium operator benefit from this, but the spectator as well.



Experience counts.

Real Madrid, Chelsea FC, AZ Alkmaar and Feyenoord Rotterdam are just some of the numerous clubs, which have benefited from the advantages of heating seating stands including a large number of smaller clubs. Our experience ranges from heating exclusive VIP areas to heating the entire stadium.



How much does it cost?

Stadium stands can be heated for as little as € 0.03 per spectator and game – low costs that pay off in image and comfort.



Schwank – a powerful partner.

- The worldwide leader for radiant heating.
- For stadiums, industrial buildings, warehouses, sports arenas and outdoors.
- Patented stadium heater [sportSchwank] with wind protector.
- Over 1 million heating appliances sold.
- Distribution in over 40 countries.

How does radiant heating work?

The radiant heating system is especially suited to heating stadiums. Thanks to a high performance and low energy consumption costs, radiant heating is popular in commerce and industry. It generates a comfortable perceived temperature despite prevailing low air temperatures – this is the same noticeable impact the sun has on cold winter days. The sportSchwank applies the principle of the sun, but can be easily turned on and off like a light bulb, is energy efficient and environmentally-friendly. Warmth with instant results.

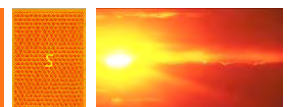


What Graham Hughes, technical consultant for Chelsea's building services technology has to say about Schwank:

"Schwank stadium heating has clearly exceeded all our expectations. The warmth is well received by all the VIPs, and they really appreciate comfort on cold days."

Visit us at our website; take a look at our references and request our comprehensive information package.

Schwank Stadium Heating



Fenerbahçe Istanbul

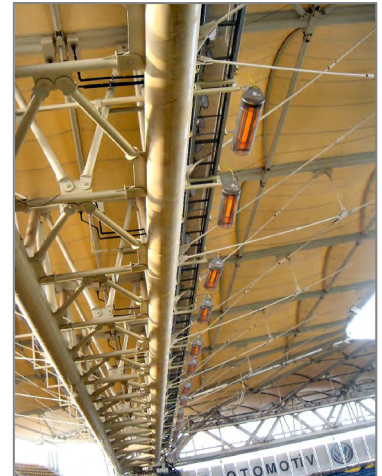
Stadium: Sükrü Saraçoğlu
Location: Istanbul, Turkey
Capacity: 52,000
Built in: 2005
Category: 5-Star UEFA
Standing: First League [Türkcell Süper Lig]

Heating Installation

155 x sportSchwank 10
128 x sportSchwank 30
160 x sportSchwank 40
443 heating units

Total installation

11.4 Megawatts / 39 million BTU



Schwank Stadium Heating



AZ Alkmaar

Stadium: DSB Stadion
Location: Alkmaar, Netherlands
Capacity: 16,000
Built in: 2006
Standing: First League [Eredivisie]

Heating Installation

26 x sportSchwank 20
59 x sportSchwank 30
85 heating units

Total installation

2.2 Megawatts / 7.5 million BTU



Schwank Stadium Heating

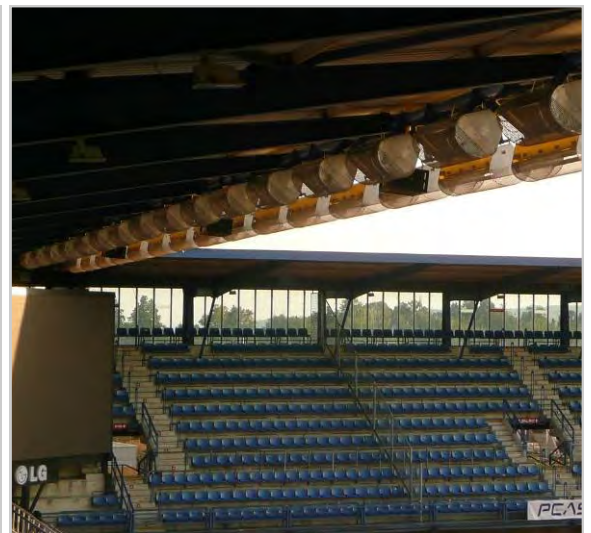
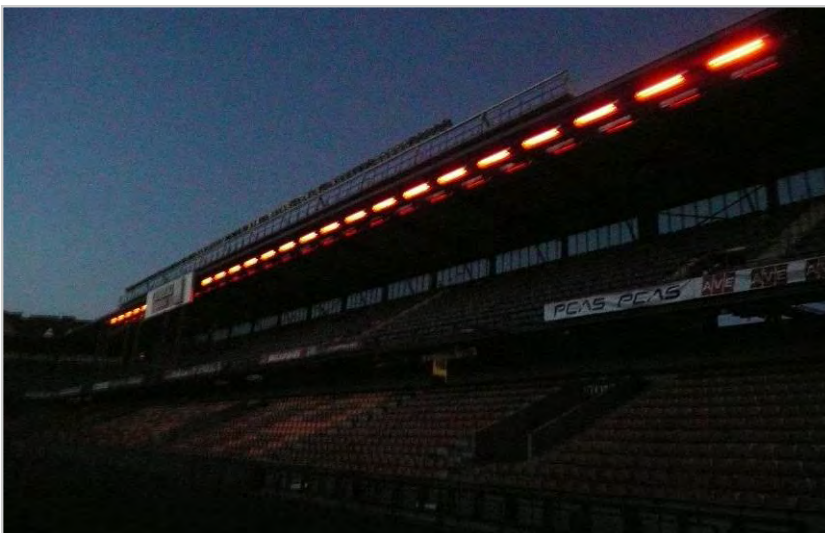


AC Sparta Prague

Stadium: Generali Arena
Location: Prague, Czech Rep.
Capacity: 20,565
Built in: 1933

Heating Installation
67 x sportSchwank 30

Total Installation
1.7 Megawatt / 5.6 million BTU



Schwank Stadium Heating

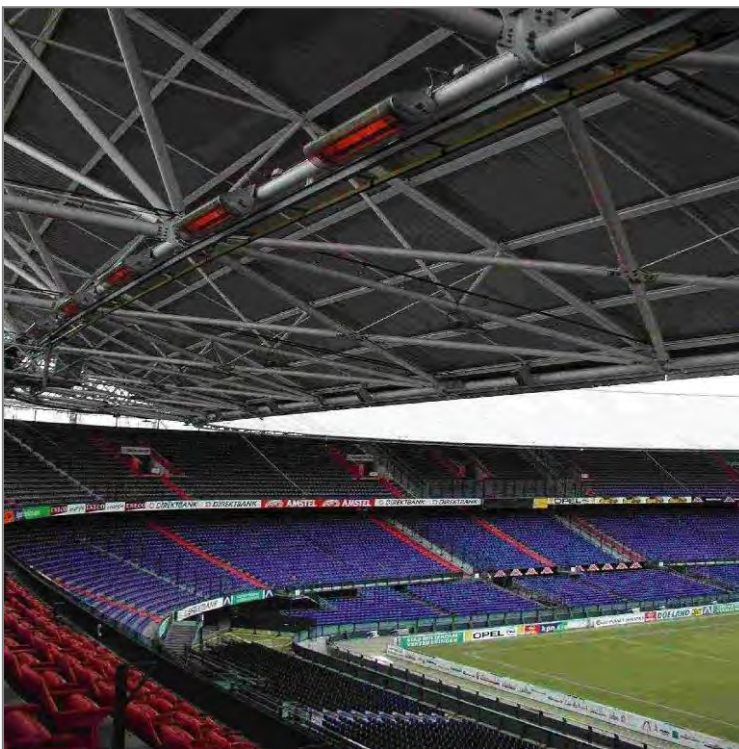


Feyenoord Rotterdam

Stadium: Stadion Feyenoord
Location: Rotterdam, Netherlands
Capacity: 51,180
Built in: 1994
Category: 5-Star UEFA
Standing: First League [Eredivisie]

Heating Installation
62 x sportSchwank 30

Total installation
1.8 Megawatts / 6.1 million BTU



Schwank Stadium Heating

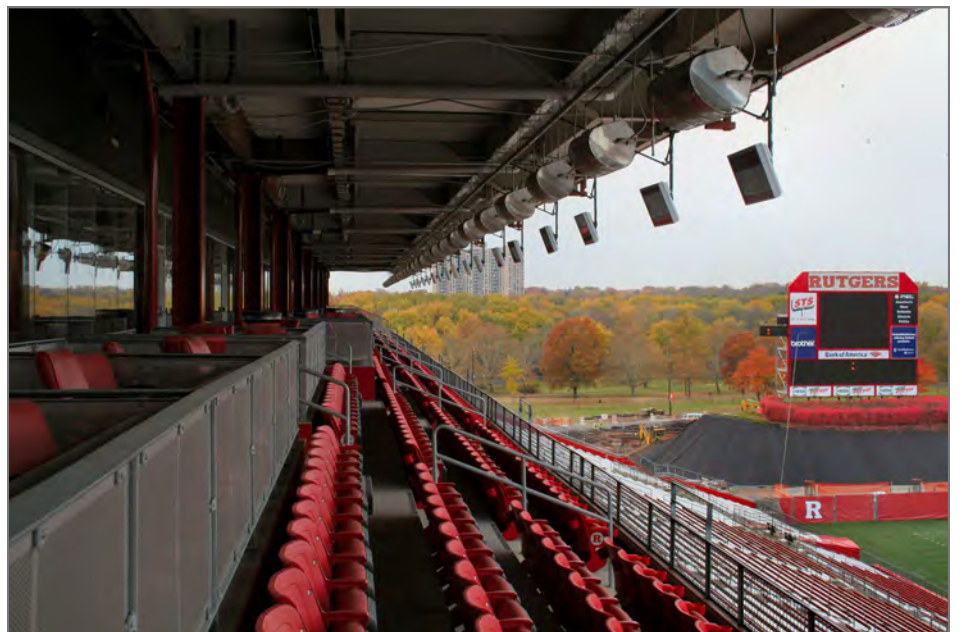
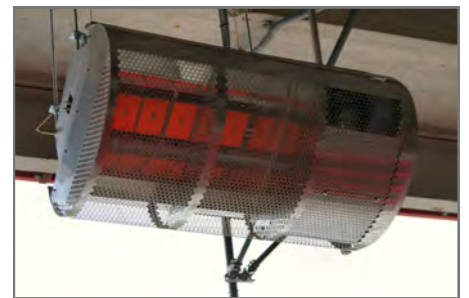
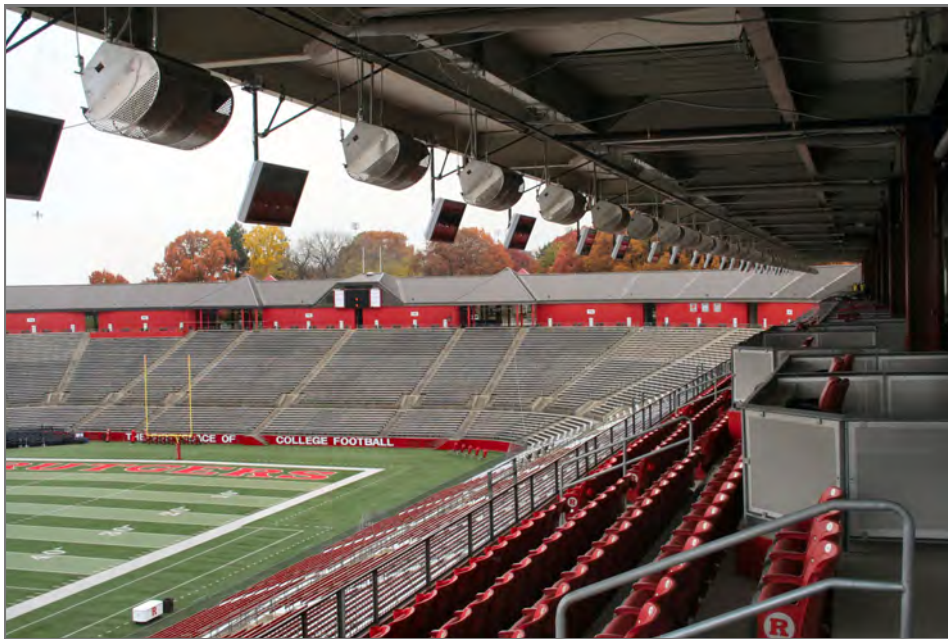


Rutgers University Scarlet Knights

Stadium: Rutgers Stadium
Location: New Jersey, USA
Capacity: 56,000
Built in: 1994

Heating Installation
40 x sportSchwank 10

Total installation
0.3 Megawatts / 1.1 million BTU
Heating of the VIP section



Schwank Stadium Heating



FC Twente

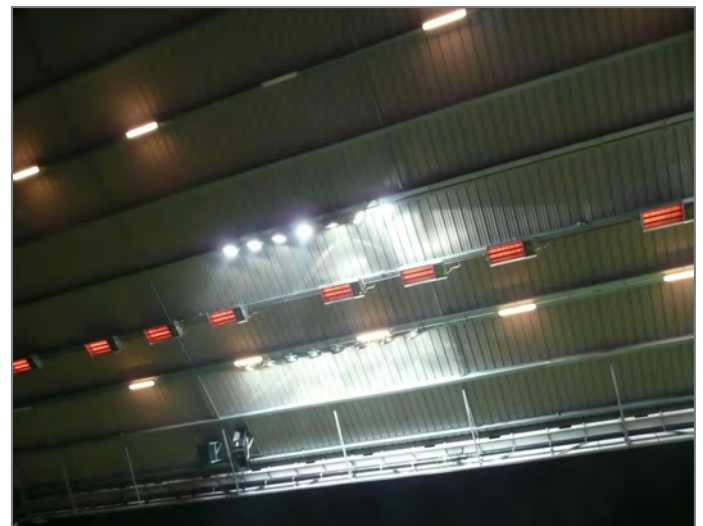
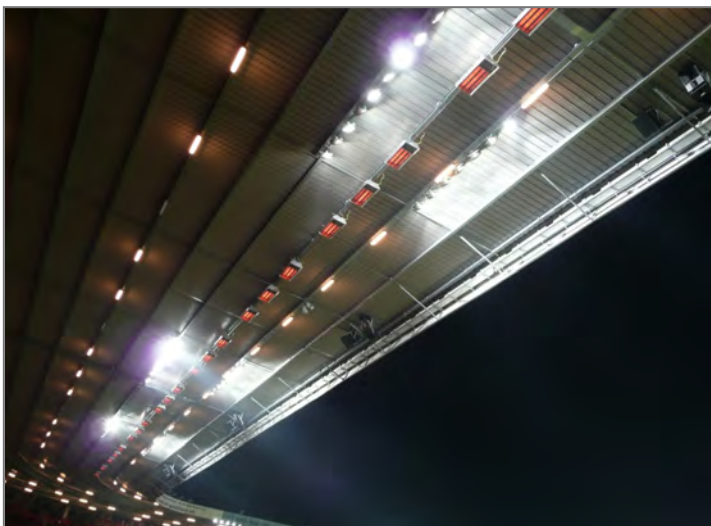
Stadium: De Grolsch Veste
Location: Enschede, Netherlands
Capacity: 24,000
Built in: 1998
Standing: First League [Eredivisie]

Heating Installation

32 x sportSchwank 40
37 x terrasSchwank 4A
69 heating units

Total installation

1.3 Megawatts / 4.3 million BTU



Schwank Stadium Heating



De Graafschap

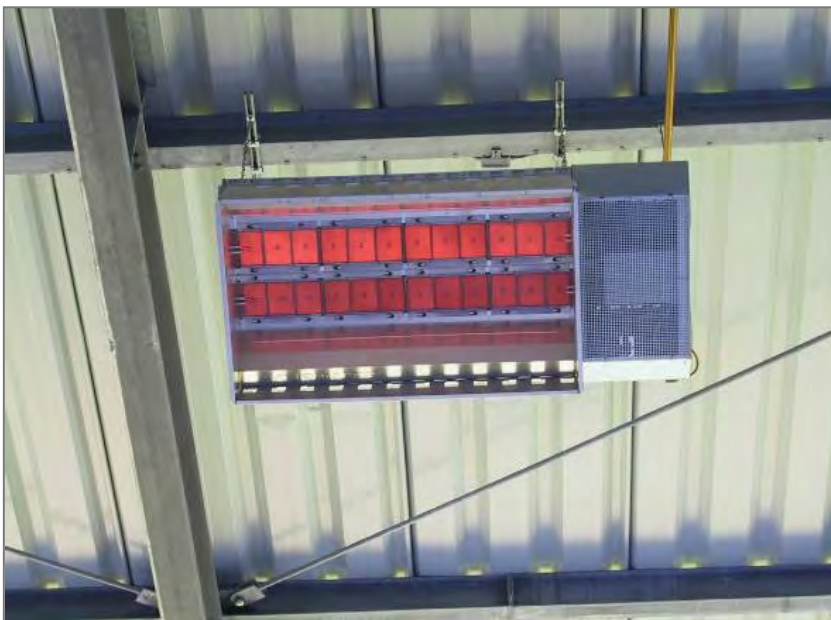
Stadium: Stadion De Vijverberg
Location: Doetinchem, Netherlands
Capacity: 10,900
Built in: 1954
Standing: First League [Eredivisie]

Heating Installation

18 x sportSchwank 20
18 x sportSchwank 40
36 heating units

Total installation

1.0 Megawatts / 3.4 million BTU



Schwank Stadium Heating



Kayserispor

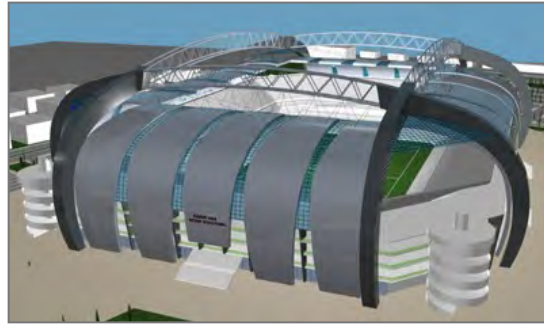
Stadium: Kadir Has Stadium
Location: Kayseri, Turkey
Capacity: 35,000
Built in: 2008/9

Heating Installation

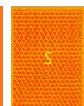
176 x sportSchwank 30
16 x sportSchwank 40

Total installation

5.7 Megawatts / 17.3 million BTU



Schwank Stadium Heating



Sparta Rotterdam

Stadium: Het Kastell
Location: Rotterdam, Netherlands
Capacity: 11,500
Built in: 2000
Standing: First League [Eredivisie]

Heating Installation
24 x sportSchwank 40

Total installation
0.9 Megawatts / 3.3 million BTU



Schwank Stadium Heating

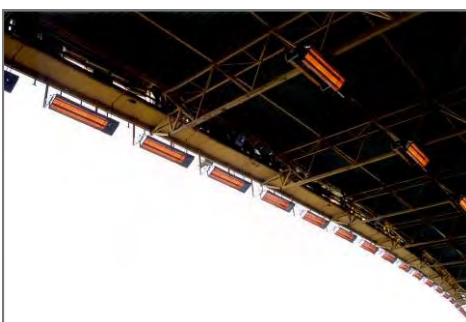


Real Valladolid

Stadium: Estadio José Zorrilla
Location: Valladolid, Spain
Capacity: 26,500
Built in: 1982
Standing: First League [League BBVA]

Heating Installation
56 x sportSchwank 30

Total installation
1.6 Megawatts / 5.5 million BTU



Schwank Stadium Heating



NEC Nijmegen

Stadium: Stadion De Goffert
Location: Nijmegen, Netherlands
Capacity: 12,500
Built in: 2000
Standing: First League [Eredivisie]

Heating Installation
20 x sportSchwank 30

Total installation
0.6 Megawatts / 2 million BTU



Schwank Stadium Heating



Real Madrid

Stadium: Santiago Bernabéu
Location: Madrid, Spain
Capacity: 80,350
Built in: 1947/2003
Category: 5-Star UEFA
Standing: First League [League BBVA]

Heating Installation

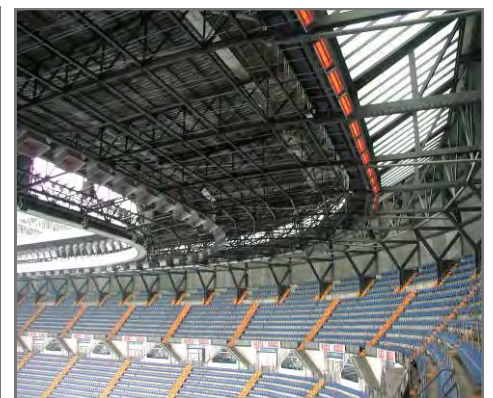
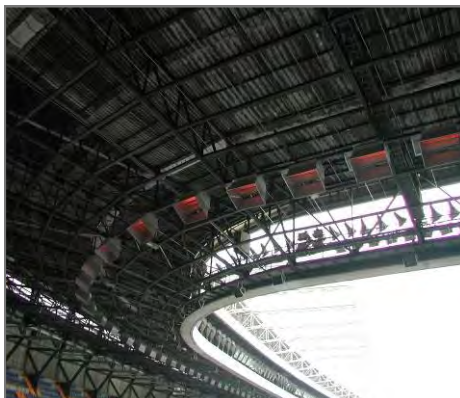
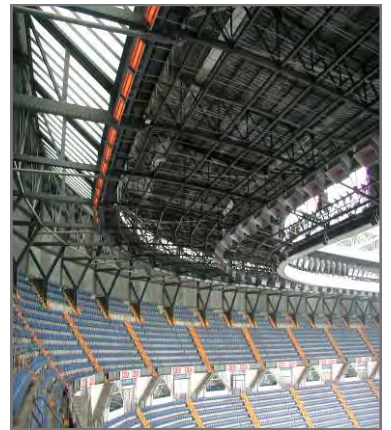
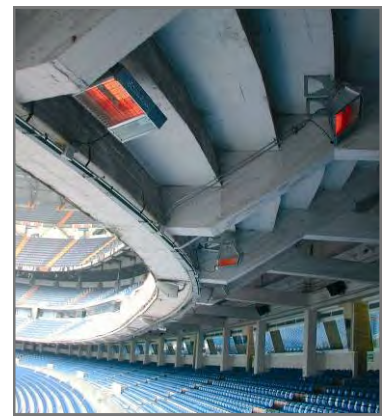
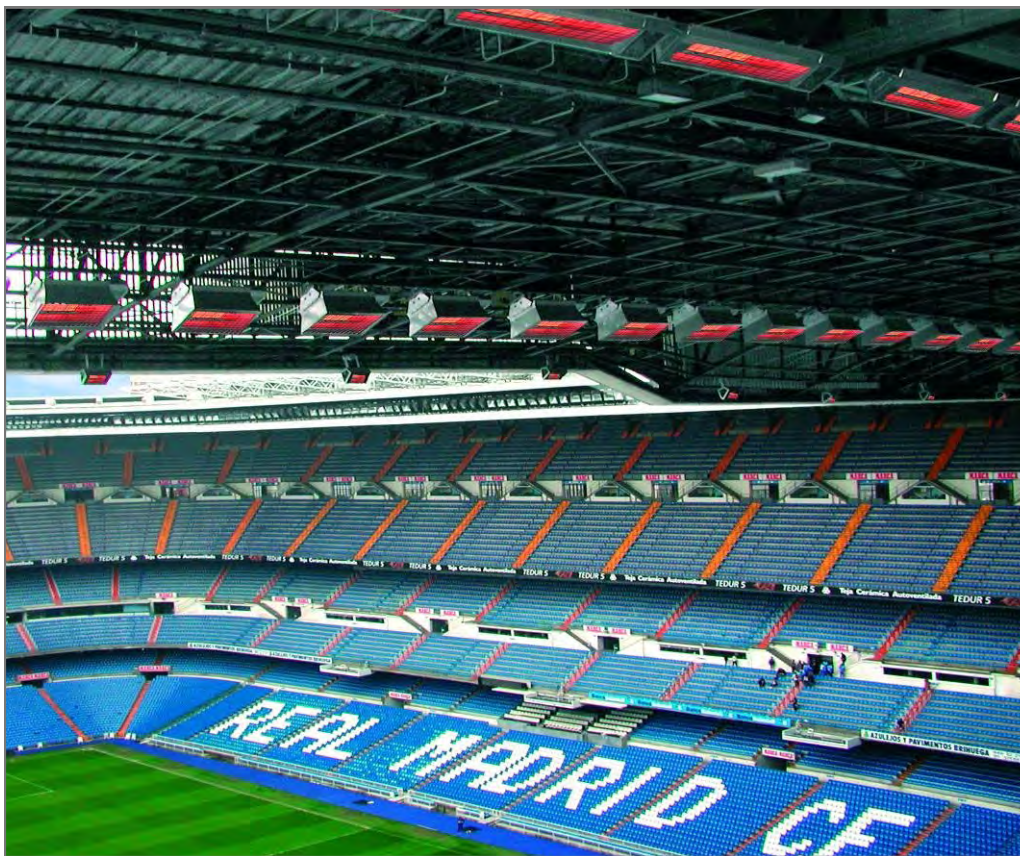
198 x sportSchwank 10
140 x sportSchwank 20
275 x sportSchwank 30
485 x sportSchwank 40
1,098 heating units

Total installation

31.5 Megawatts / 107 million BTU



Remarks: Highest Installation point at 55 meters / 180 ft. from grandstands



Schwank Stadium Heating



FC Dordrecht

Stadium: GN Bouw Station
Location: Dordrecht, Netherlands
Capacity: 4,100
Built in: 1972
Standing: Second League [Jupiler League]

Heating Installation
13 x sportSchwank 20

Total installation
0.3 Megawatts / 1 million BTU



Schwank Stadium Heating



Chelsea FC

Stadium: Stamford Bridge
Location: London, England
Capacity: 42,055
Built in: 1997
Standing: First League [Premier League]

Heating Installation

47 x sportSchwank 40

Total installation

1.8 Megawatts / 6.1 million BTU

Heating of the VIP section - 3 seating rows across the stadium length



Schwank Stadium Heating



FC Den Bosch

Stadium: Stadion De Vliert
Location: 's-Hertogenbosch, Netherlands
Capacity: 9,000
Built in: 1999
Standing: Second League [Jupiler League]

Heating Installation
24 x sportSchwank 30

Total installation
0.7 Megawatts / 2.4 million BTU



Schwank Stadium Heating



Munich Olympic Park SoccaFive Indoor Arena

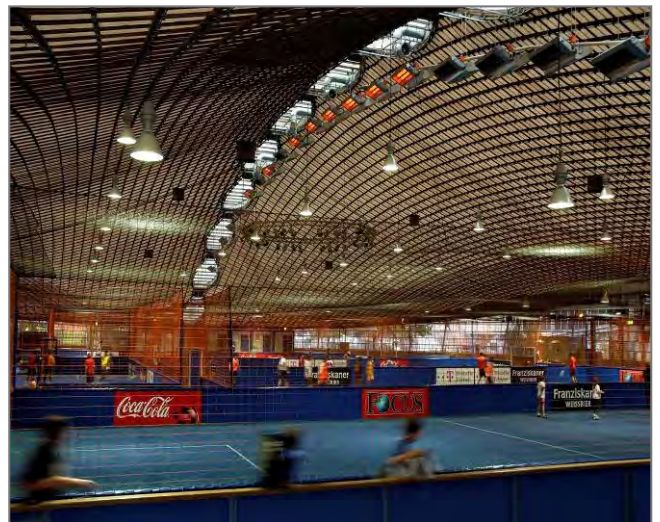
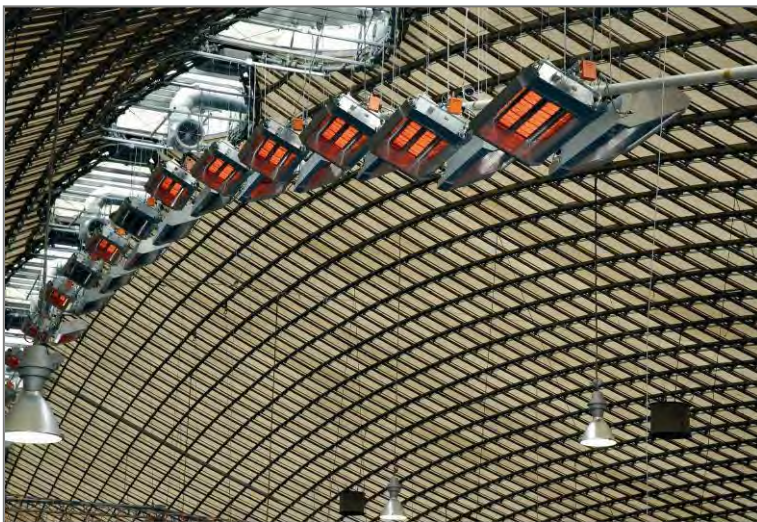
Arena: Munich Olympic Park
Location: Munich, Germany
Surface: 4,200 m² / 45,200 sqft
Built in: 1972

Heating Installation

40 x sportSchwank 40
8 x sportSchwank 20
48 heating units

Total installation

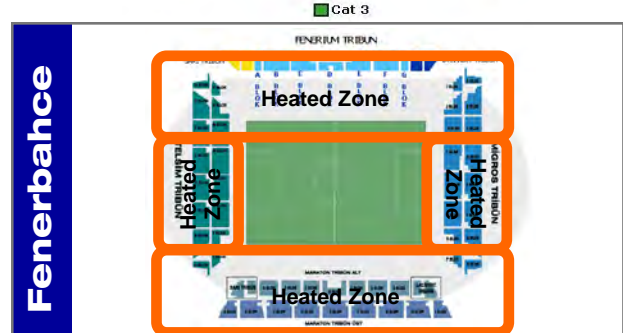
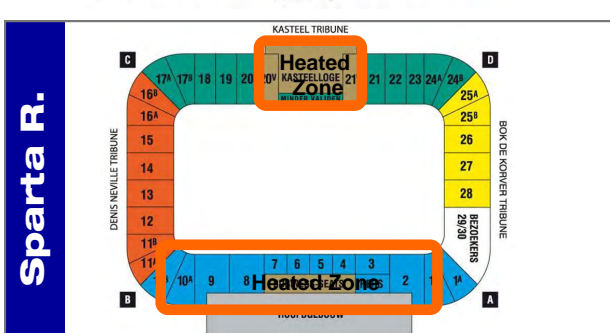
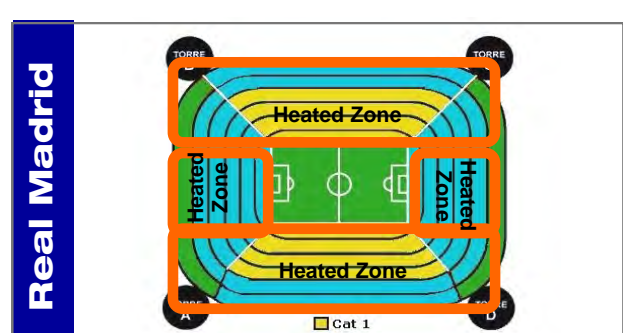
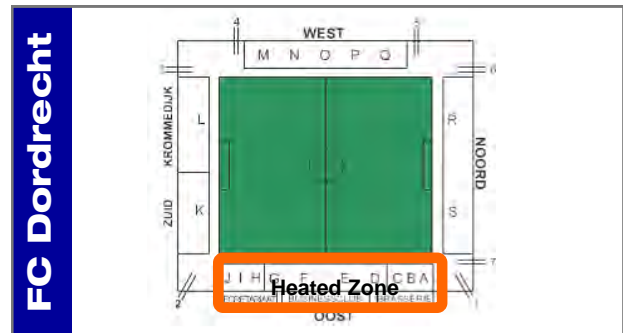
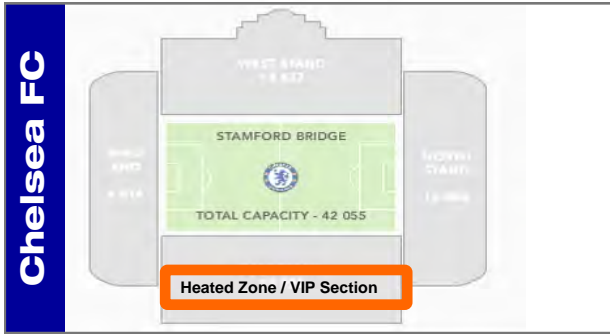
1.7 Megawatts / 5.8 million BTU



Schwank Arena Heating



Stadium Layouts



Schwank Quick Facts

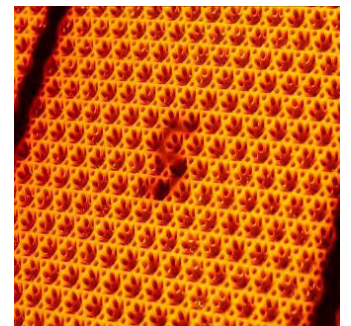
Schwank - A Powerful Partner

- Worldwide market leader in gas infrared heating
- More than 75 years of innovation, continuous product development and cutting edge technology
- Inventor of infrared heaters - patented in 1939
- German engineering & manufacturing
- Over 2 million infrared heating appliances sold
- More than 150,000 satisfied customers
- Tailor-made heating solutions from one source

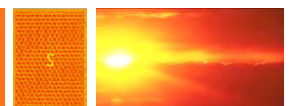


Schwank - Compelling Comfort

- Highly energy efficient
- Immediate heat impact & results - instant comfort
- Even, comfortable heat
- Differentiation of heating zones possible
- Varying temperature differentials achievable
- Patented wind protection screen to increase wind resistance
- High quality & durability
- Simple, space-saving installation
- Professional design planning



Schwank Stadium Heating



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Schwank Stadium Heating