

# anti icing aīc cover systems

Product comparison

# AIC Systems versus other solutions (figures and facts)

AIC Systems have spent 5 years of testing (in the Swiss Alps) for all kind of solutions, such as;

- All sorts of coatings
- Construction modifications
- 4 Type of heating systems
- All kind of covers

**The conclusion was;**

- Coating is the worst solution, not efficient, not sustainable and nor reliable
- Construction modifications are expensive and solve just a part of the problem
- Heating systems, comparable with covers and less cost efficient
- ✓ Cover systems, the only solution which did a proper job (without drawbacks yet)

# Most reasonable products in comparison (Features)

- ✓ Simple to install, no special training is required
- ✓ No maintenance and no power supply is required
- ✓ Can be retroactively fitted to existing dishes
- ✓ No sun light reflection
- ✓ No risk of damages caused by animals
- ✓ No additional risk of lightning strike
- ✓ No additional space rent required

Covers by AIC Systems

- Educated staff can run installations only (Electricians)
- Power supply and maintenance needed
- Not possible to retroactively fit
- Lots of sun light reflections (therefore complains of site owner)
- Animal attacks on a regular base
- Giving lightning easier access to active components
- Mostly additional space required

Heating Systems

# Most reasonable products in comparison (Costs)

- ✓ Quick installation, average time 45 min. (2 man)
- ✓ No special materials needed, all gets supplied by AIC
- ✓ No maintenance and nor power supply is required (savings of 150 Euro per dish and annum)
- ✓ Retroactively usage, no need to buy new covers (cost savings)
- ✓ No additional risk of lightning strike
- ✓ No additional space required, therefore savings up to 270 Euro per dish and annum

Covers by AIC Systems

- Installation lasts in average for 7 hours (2 man)
- Special shielded power and alarm cables to be used (expensive)
- Power supply in average per annum and system=1080kWh
- 1 site visit per annum for maintenance purpose (alarms)
- Not possible to retroactively fit, gets destroyed while dismantling
- Lightning strikes on a regular base, high risk of damages
- Additional space required for distribution, alarm boxes and power/alarm cables

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