

Task 38 Solar Air-Conditioning and Refrigeration

D-A5: Appendix 3 Questionnaire for Package Solution Provider

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Questions to Package Solution Providers

- 1. Design indicators
 - How to choose the size of the package? (planer is recommended, rule of thumb, ...)
 - What do you recommend your customers?

2. Which components are part of the package?

3. Is the controller part of the package?

- 4. Does the controller only take the chiller into account or also following parts:
 - Solar thermal system
 - Distribution system to cooled area (fan-coils, cooled ceiling, etc.)
 - Room conditions (temperature, humidity)

5. Do you have pre-defined control strategies for different framework conditions and applications?

6. Which service is supplied by your company and what has to be done by any partner (installer/planer/..)?

- 7. What has to be sized separately?
 - E.g. pump for heat rejection loop depends on distance between cooling tower and chiller

8. Specific requirements (space in technical room and for heat rejection, water treatment)

9. Maintenance

- What type of maintenance does the end user have to do? How often?
 What type of maintenance needs to be done by a specialized company? How often?

10. Do you offer Monitoring as part of the package?