

System QFD

Date: 9/19/2018

| | | | | | | | | | | |
|---|----------------------|----|----|---|---|---|---|--|--|--|
| 1 | Setup/breakdown time | | | | | | | | | |
| 2 | Pressure | -- | | | | | | | | |
| 3 | Transmittance | | | | | | | | | |
| 4 | Cycles | | + | | | | | | | |
| 5 | Area | -- | -- | | | | | | | |
| 6 | Collasped volume | - | | | + | + | | | | |
| 7 | Weight | - | | - | + | + | + | | | |

A Fabrico Sun Domes
B Yolloy

| | | Technical Requirements | | | | | | | Customer Opinion Survey | | | | | |
|----------------|--------------------------------------|------------------------|----------------------|----------|---------------|--------|----------------|------------------|-------------------------|--------|---|--------------|---|-------------|
| Customer Needs | | Customer Weights | Setup/breakdown time | Pressure | Transmittance | Cycles | Area | Collasped volume | Weight | 1 Poor | 2 | 3 Acceptable | 4 | 5 Excellent |
| 1 | Quick assembly/disassembly | 4 | 9 | | | 3 | | 3 | 6 | A | B | | | |
| 2 | Sea level altitude | 5 | | 9 | | 6 | | | | A | | | B | |
| 3 | Clear design | 3 | | | 9 | | | | | | | B | | A |
| 4 | Longevity | 4 | | 6 | | 9 | | | | | | AB | | |
| 5 | Compact space | 3 | 6 | | | | 9 | 9 | 6 | | B | A | | |
| 6 | Weight | 4 | 6 | | | | 6 | 6 | 9 | B | | A | | |
| 7 | Technical Requirement Units | | min. | kPa | % | # | m ² | m ³ | kg | | | | | |
| 8 | Technical Requirement Targets | | 30 | 78 | 80 | 240 | 280 | 28 | 136 | | | | | |
| 9 | Absolute Technical Importance | | 78 | 69 | 27 | 78 | 51 | 63 | 78 | | | | | |
| 10 | Relative Technical Importance | | 17.6% | 15.5% | 6.1% | 17.6% | 11.5% | 14.2% | 17.6% | | | | | |