




PARTS LIST

| POS | QTY | PART NAME | FINE MANE | PART TYPE | SPECIFICATIONS | SHEET |
|------|-----|-----------------------|------------------|------------|--|-------|
| A1 | 1 | 3D Views | 0_Anlage.iam | | | 1-2 |
| A2 | 1 | Exploded 3D views | 0_Anlage.ipn | | | 3 |
| B | | Parts list | | | | 4-6 |
| C | | Technical notes | | | | 7-9 |
| 1.00 | 1 | Absorber | 4.0_Absorber.ipn | | | 10 |
| 1.00 | 1 | Absorber | | | | 11 |
| 1.01 | 1 | Pipe | 3.ipt | Production | Pipe, OD 1/2", thickness 1mm, Flexible copper | 12 |
| 1.02 | 3 | Metal sheet1 | 2.3.ipt | Production | Metal sheet, thickness 0.6-1mm, aluminium/copper, 925x230mm | 13 |
| 1.03 | 4 | Metal sheet2 | 2.2.ipt | Production | Metal sheet, thickness 0.6-1mm, aluminium/copper, 925x230mm | 14 |
| 1.04 | 1 | Metal sheet3 | 2.1.ipt | Production | Metal sheet, thickness 0.6-1mm, aluminium/copper, 980x335mm | 15 |
| 1.05 | 1 | Hose | 7.4.ipt | Buy | Flexible drinking water hose, ID 1/2", L 3-4m | |
| 1.06 | 1 | Riser insulation | 6.8.ipt | Buy | Insulation layer, thicknesss 50mm, glass wool or hemp mat, 850x350mm | |
| 1.07 | 1 | Technical notes | 6.9.ipt | Buy | Insulation layer, thicknesss 50mm, glass wool or hemp mat, 350x90mm | |
| 2.00 | 1 | Absorber & Wooden box | 6.0_Halter.iam | | Joined with 2" and 3" nails and 2" wood screw (pre-drilled) | 16-17 |
| 2.01 | 1 | Glass pane1 | 6.5.ipt | Buy | Glass, thickness 5mm, 1830x1220mm | |
| 2.02 | 4 | Glass pane2 | 6.5b.ipt | Buy | Glass, thickness 5mm, 1220x460mm | |
| 2.03 | 1 | Bottom insulation | 6.6.ipt | Buy | Insulation layer, thicknesss 10mm, glass wool or hemp mat, 3480x1190mm | |
| 2.04 | 2 | Wooden box board1 | Part58.ipt | Production | Timber 178*25*1842mm, hard wood | |
| 2.05 | 2 | Wooden box board2 | 1.2.ipt | Production | Timber 178*25*1194mm, hard wood | |

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|---|--|--|--------------------------|--------------------|-----------------|
| PROJECT Solar water heater for disinfection | | CREATED BY A. Morillo | APPROVED BY D. Jaeger | DATE 22-05-2023 | VERSION 0.01 |
| PART NAME Parts list | | SPECIFICATIONS | | | CODE B1 |
| DEVELOPED BY IOG - Engineers Without Borders | | REDESIGNED BY  | FILE NAME OHO e.V. | | QUANTITY |
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|------|-----|----------------------|---------------|------------|--|-------|
| 2.06 | 4 | Wooden box board3 | Part66.ipt | Production | Timber 51*25*254mm, hard wood | |
| 2.07 | 1 | Glass cover board1 | 6.2.ipt | Production | Timber 51*25*1295mm, hard wood | |
| 2.08 | 2 | Glass cover board2 | 6.19-2.ipt | Production | Timber 51*25*1816mm, hard wood | |
| 2.09 | 6 | Glass damping strip1 | 6.11-Side.ipt | Buy | Insulation layer, thicknesss 10mm, glass wool or hemp mat, 51*1740mm | |
| 2.10 | 5 | Glass damping strip2 | 6.11-Top.ipt | Buy | Insulation layer, thicknesss 10mm, glass wool or hemp mat, 51*1245mm | |
| 2.11 | 2 | Glass cover board3 | 6.4.ipt | Production | Timber 102*25*1842mm, hard wood | |
| 2.12 | 1 | Glass cover board4 | 6.3.ipt | Production | Timber 102*25*1295mm, hard wood | |
| 2.13 | 2 | Damping frame board1 | 6.18.ipt | Production | Timber 25*25*1740mm, hard wood | |
| 2.14 | 2 | Damping frame board2 | 6.1.ipt | Production | Timber 51*25*1245mm, hard wood | |
| 2.15 | 2 | Glass damping strip3 | 6.10-Top.ipt | Buy | Insulation layer, thicknesss 10mm, glass wool or hemp mat, 25*1195mm | |
| 2.16 | 2 | Glass damping strip4 | 6.10-Side.ipt | Buy | Insulation layer, thicknesss 10mm, glass wool or hemp mat, 25*1842mm | |
| 2.17 | 2 | Damping frame board3 | 6.7-Top.ipt | Production | Timber 51*25*1144mm, hard wood | |
| 2.18 | 2 | Damping frame board4 | 6.7-Side.ipt | Production | Timber 51*25*1791mm, hard wood | |
| 2.19 | 1 | Wooden box board4 | 1.3-1.ipt | Production | Timber 102*25*1107mm, hard wood | 18 |
| 2.20 | 2 | Wooden box board5 | 1.4.ipt | Production | | 19 |
| 3.00 | 1 | Rack | Structure.ipn | | Joined with 2" nails | 20-21 |
| 3.01 | 1 | Rack board1 | 5.4.ipt | Production | Timber 152*25*2794mm, hard wood | |
| 3.02 | 1 | Rack board2 | 5.7.ipt | Production | Timber 152*25*2388mm, hard wood | |
| 3.03 | 2 | Rack board3 | 5.3-1.ipt | Production | Timber 152*25*1448mm, hard wood | |
| 3.04 | 1 | Rack board4 | 5.2.ipt | Production | Timber 152*25*1880mm, hard wood | |
| 3.05 | 2 | Rack board5 | 5.10.ipt | Production | Timber 152*25*1168mm, hard wood | 22 |
| 3.06 | 2 | Rack board6 | 5.9.ipt | Production | Timber 152*25*508mm, hard wood | 23 |
| 3.07 | 4 | Rack board7 | 5.8-4.ipt | Production | Timber 152*25*203mm, hard wood | 24 |
| 3.08 | 1 | Rack board8 | 5.17.ipt | Production | Timber 152*25*2322mm, hard wood | |
| 3.09 | 4 | Rack board9 | 5.5-4.ipt | Production | Timber 152*25*965mm, hard wood | |
| 3.10 | 4 | Rack board10 | 5.11-1.ipt | Production | Timber 152*25*1346mm, hard wood | |

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| PROJECT Solar water heater for disinfection | | CREATED BY A. Morillo | APPROVED BY D. Jaeger | DATE 22-05-2023 | VERSION 0.01 |
| PART NAME Parts list | | SPECIFICATIONS | | | CODE B2 |
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|------|-----|------------------|------------|------------|--|-------|
| 3.11 | 2 | Rack board11 | 5.14-2.ipt | Production | Timber 152*25*914mm, hard wood | |
| 3.12 | 9 | Rack board12 | 5.6-6.ipt | Production | Timber 152*25*737mm, hard wood | |
| 3.13 | 2 | Rack rail1 | 5.15-1.ipt | Production | Timber 24*25*914mm, hard wood | |
| 3.14 | 2 | Rack rail2 | 5.16-2.ipt | Production | Timber 24*25*686mm, hard wood | |
| 3.15 | 4 | Rack board13 | 5.12-3.ipt | Production | Timber 152*25*457mm, hard wood | |
| 3.16 | 2 | Rack board14 | 5.13-2.ipt | Production | Timber 152*25*559mm, hard wood | |
| 4.00 | 1 | Output container | 7.2.ipt | Buy | Plastic vessel, capacity 60L, square section, with lid | |
| 5.00 | 1 | Input container | 7.1.ipt | Buy | Plastic vessel, capacity 60L, square section, with lid, include a 1/2" valve embedded on the lid | |

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| PROJECT Solar water heater for disinfection | | CREATED BY A. Morillo | APPROVED BY D. Jaeger | DATE 22-05-2023 | VERSION 0.01 |
| PART NAME Parts list | | SPECIFICATIONS | | | CODE B3 |
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OHO e.V.