

Appendix

Appendix A: Single trials



Figure A1. ConcBelow burner with a 2.5 cm diameter cylinder in the center, extending from the level of the concentrator ring, to the top of the chimney. Ten minutes after ignition, and red-hot fuel pellets can be seen through the bottom of the burner.



Figure A2. ConcBelow burner + central cylinder had low soot deposits similar to ConcBelow without the central cylinder (Figure 4).



Figure A3. Rectangular Burner with a 2.5 cm diameter cylinder in the center. (darker light conditions than Fig. A1). Red-hot fuel pellets can be seen through the bottom of the burner.

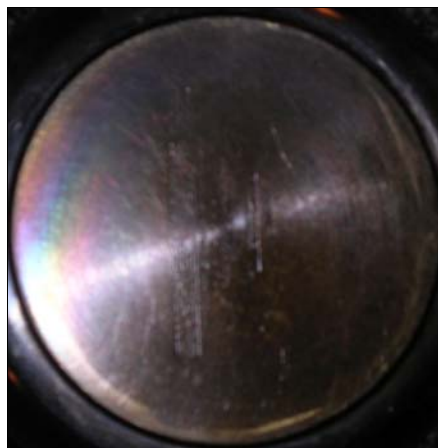


Figure A4. Rectangular burner + central cylinder had no detectable soot deposits.