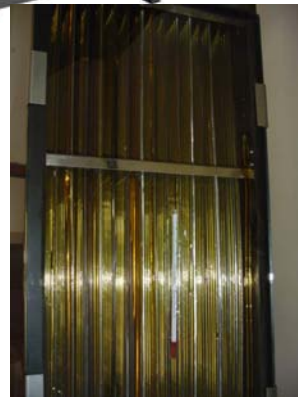
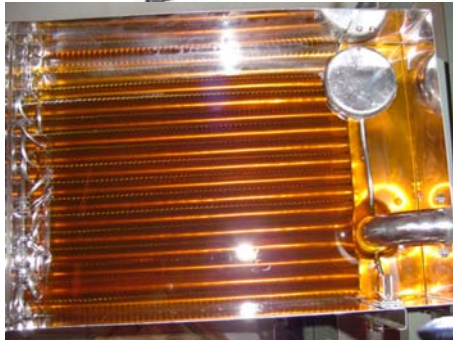


Cold Dehydration Equipment

Honey



- Air flow with 1% relative humidity
- No HMF alteration
- No heat
- Process without air bubbles
- Dehydration from 23% to 18% in 8 hours
- Closed Circuit to avoid contamination and save energy
- Alternative to meliponiculture



Pollen



Equipment Technical Data	Cold Dehydration	Conventional Dryers Heating
Total Capacity (kg)	15	8
Processing Time (h)	10	24
Dehydration Temperature (° C)	29 - 31	40 - 42
Air Flow Circuit	Closed	Opened
Total Carotenoid Losses (including pro-vitamin A)	27,6%	40,4%
β-Caroten Losses	46,4%	56,5%
C Vitamin Losses	4,0%	8,1%
E Vitamin Losses	28,9%	35,5%
Power Consumption (W)	500	1.000



•Project Iraquara –Amazônia
Amazon native meliponiculture bees