Robson Ranch Case Study

Unlike our typical clients who hire us to solve known mold problems or because of severe discomfort living in their homes, these clients brought us in to invest in good indoor air quality and prevent future problems. These houses were both relatively new - about five years old - so this was a unique opportunity to work in environments with the best air quality one could hope for in a home not using air purification technology.

Indeed, despite the houses' relative newness, our initial baseline tests revealed microbial contamination in the millions per cubic meter! We installed a MAK Inline-14 in each. We tested Client 1's air after running the MAK for just four hours, and those numbers fell by as much as 96%.

Sampling location/um band	Baseline	4 hours post install	Percent (%) reduction
KITCHEN			
0.5	1,721,400	401,800	77%
1	1,482,200	230,560	84%
2	684,720	36,640	95%
3	148,360	15,720	89%
5	14,480	3,720	74%
10	1,480	720	51%
MASTER BEDROOM			
0.5	769,160	429,680	44%
1	658,320	271,760	59%
2	346,160	79,520	77%
3	116,280	4,250	96%
5	16,800	10,320	39%
10	1,400	1,680	-20%
OFFICE			
0.5	2,367,480	446,640	81%
1	2,230,560	292,520	87%
2	1,072,960	124,040	88%
3	253,000	73,640	71%
5	39,800	17,360	56%
10	4,600	2,120	54%

We tested Client 2's air after running the MAK for just twenty-four hours:

Sampling location/um band	Baseline	24 hours post install	Percent (%) reduction
The % reductions reflect the denaturing (no longer living) by % of the microbial contaminants in the air such as mold spores, bacteria, voc's, virus (should there be any)			
Living Room/Kitchen			
0.5	1,285,360	397,040	69%
1	736,760	192,360	74%
2	324,640	60,720	81%
3	91,280	25,520	72%
5	14,640	4,760	67%
10	1,520	1,800	-18%
Guest Bedroom			
0.5	1,194,840	341,880	71%
1	693,400	168,800	76%
2	381,800	56,200	85%
3	151,160	26,000	83%
5	38,000	5,760	85%
10	6,160	1,320	79%
Master Bedroom			
0.5	1,300,360	319,320	75%
1	790,360	153,320	81%
2	438,120	54,000	88%
3	190,800	25,280	87%
5	54,240	7,720	86%
10	8,320	1,640	80%

At the end of it all, we believe numeric reductions are meaningless if our clients don't notice a difference. Given that these homes were relatively new and weren't suffering an acute mold problem, you might expect little change in their experience. We are excited to report that our clients did notice a difference and are thrilled!

Client 1 told us that she noticed within 4 hours of installation that her sinuses were clearing up, and she said that by the next day, she was breathing better. Until then, she hadn't even realized she was suffering from a sinus problem! Below is additional feedback from the clients we have since served at Robson Ranch:

"We feel the purifier has made the allergy issues better. We really don't feel the fan needs to be running all the time. We're just experimenting with how we want to use it. Currently starting the fan after dinner and it runs all night and into the a.m. A little chilly here yet to open windows and doors, at least for us, and the furnace runs occasionally to warm things up. The biggest bonus for me is not waking up with a headache every morning. We both feel some relief from allergens. Bonus also- it has lessened the visual dust levels inside...just can't argue with that from my perspective. We are pleased thus far with our purchase."
Judy G.

"Thank you for the follow up note. Yes, I am seeing improvement in my allergies, about 30% better. It took about a week before a noticeable improvement. I am believing that after 2-3 months I will be closer to 90-100%!"
Joanne P

"Had mucous/coughing fits every morning which have stopped."
Steve B.

"We both think that the air is cleaner and we are satisfied."
Dwight J.