

# Cleanrooms

05/16/2013

# “Clean” specs for 6’ x 6’ room

Clean level	Filter Fan Units (FFUs)	Price
ISO 5 (class 100)	2	\$5227.00
ISO 6 (class 1000)	1	\$4543.00
ISO 7 (class 10,000)	1	\$4543.00
ISO 8 (class 100,000)	1	\$4543.00

- Clean level assumes specific, approved attire worn
- Fan speed is ~717 cubic ft/hr on middle setting (see quote)
- Working area is 6\*6\*7 feet = 252 cubic feet
- Recommended 24hr “wait” period to achieve clean level
- Should fit in dedicated lab space
  - 7’(room) + 13” (fan) = 8’ 1” < Height of lights = 8’ 5” < Ceiling ~ 12’

- Fan specs:
  - <http://www.terrauniversal.com/cleanrooms/clean-rooms-fan-filter-units.php> (6601-24-H-VL)
- Room Specs:
  - <http://www.terrauniversal.com/cleanrooms/valuline-softwall-cleanroom.php>