



PORTABLE CONTAINER LABORATORY ROOM

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Sistem Udara Suplai Khusus

Untuk memberikan perlindungan terhadap kontaminasi silang ke ruang di luar kontainmen, ruang laboratorium BSL-3 harus dilengkapi dengan sistem udara pasokan khusus

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Terminal Udara Suplai Independen

Untuk memberikan perlindungan terhadap kontaminasi silang ke ruang di luar kontainer, ruang laboratorium BSL-3 harus dilengkapi dengan sistem udara pasokan khusus

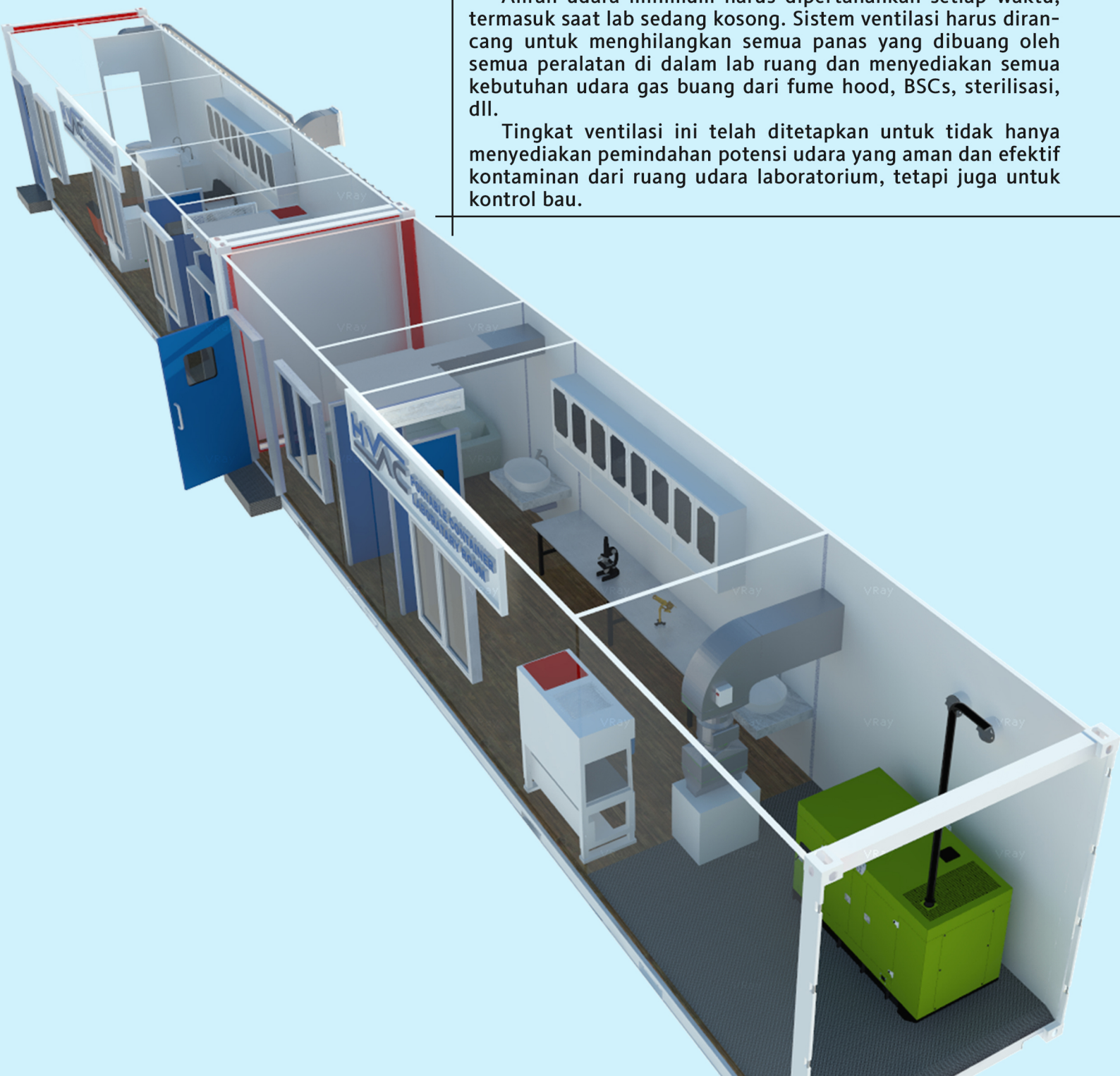
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Tingkat Ventilasi di Laboratorium BSL-3 Laboratorium BSL-3 harus dilengkapi dengan minimal 6 perubahan udara per jam (ACH). Tingkat ventilasi di fasilitas hewan biasanya 10 hingga 15 ACH.

Aliran udara minimum harus dipertahankan setiap waktu, termasuk saat lab sedang kosong. Sistem ventilasi harus dirancang untuk menghilangkan semua panas yang dibuang oleh semua peralatan di dalam lab ruang dan menyediakan semua kebutuhan udara gas buang dari fume hood, BSCs, sterilisasi, dll.

Tingkat ventilasi ini telah ditetapkan untuk tidak hanya menyediakan pemindahan potensi udara yang aman dan efektif kontaminan dari ruang udara laboratorium, tetapi juga untuk kontrol bau.





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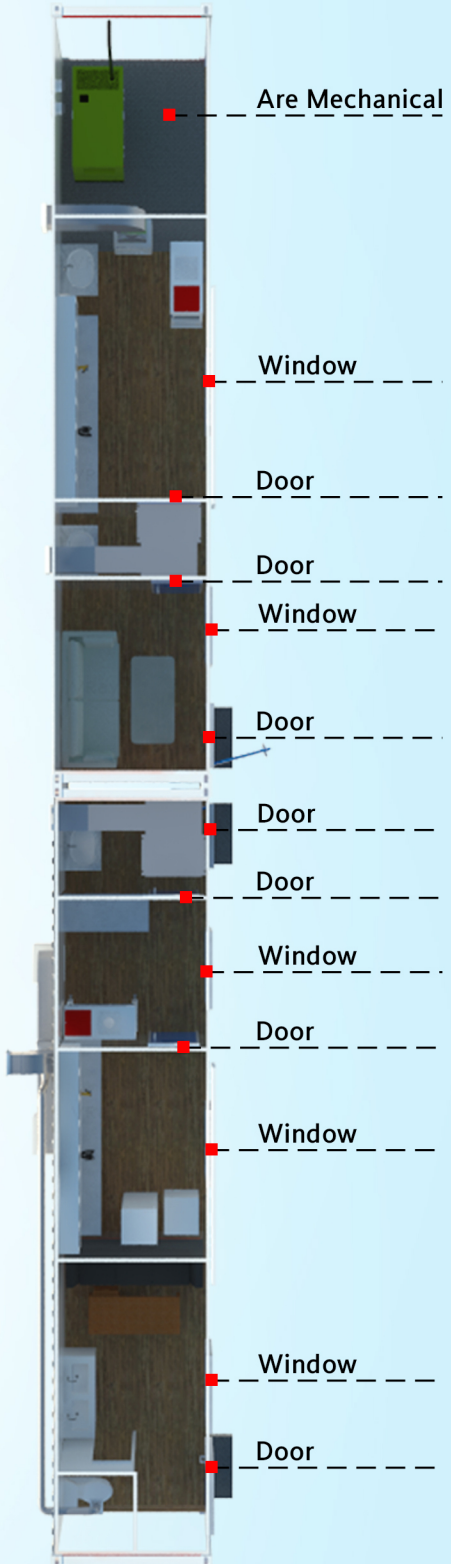
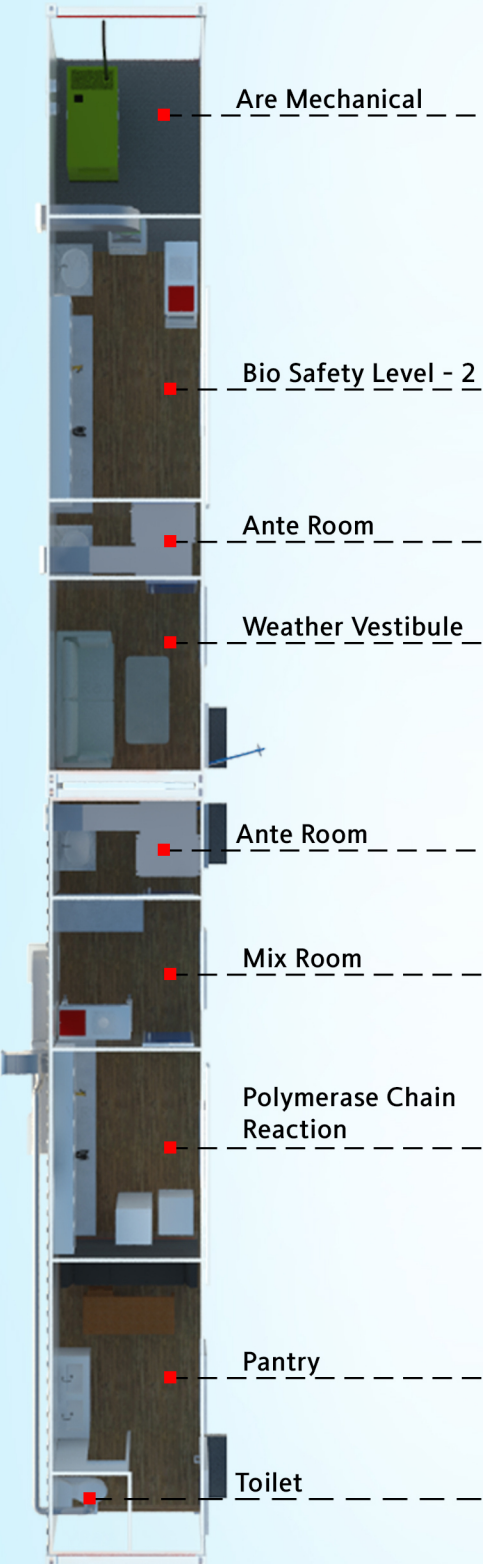




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DETAIL SPECIFICATION

Modular Laboratorium PCR / BSL

MODEL	AKD 40F SP1000N
1 Container	40 Feet
Size	12.000 x 2.500 x 2.600 mm
Room Standard	-15 to -25 Pascal and +10 pascal for Preparation area
Clean standard	Class II / Air ISO -6
Lighting	300 Lux/m2

Manuf Ex.Shiping Cargo + Inc Certif Re-Manufactur / TrueCopy COC/MOC Unit
Included for All Duct air installation for Fresh Air, Exhaust, and Cooling system
All built in Hollow Steel 40*40mm Galvanized steel no rust
Consist of 3 Room, Preparation Room, Sample Room, and LAB PCR Room
Toilet can be use for Difabel Patient, Built in sanitary, Tab, Closet, Shower, washtafel

1Set

Civil
Specifications

Outside Wall	Painted with Brazing Brush + Putty + Epoxy	
Finishing	HardTop Type Industrial PilotIII-III Paint	
Ceiling and Wall Inside	Anti Bacterial Wall Panel With Heat insulation	1 Set
Wall	Vinyl Roof Medical Grade / Ambiance Ultra	1 Ls
Corner	Corner Aluminium non Porosif	1 Set
Window	Aluminium Frame + Glass with Protection	4 units

Automatic
Door

Observation Glass	400 * 500 mm Double Glass tempered frameless
Opening System	Hand Infrared sensor / tanpa sentuh
Size	disesuaikan
Material	Anti bacterial Coated Panel w. Aluminium Honeycomb
Door	Hinged and handle SUS 304

Manual
Door

Observation Glass	300 * 500 mm Double Glass tempered frameless
Opening System	Hand Infrared sensor / tanpa sentuh
Size	disesuaikan
Door	Hinged and handle SUS 304
Window	Aluminium Frame + Glass with Protection 4 units

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DETAIL SPECIFICATION

Electrical System	Power Box and And MCB	Schneider / ABB / Setara	1 Set
	Cable	instalation SNI Standard SPLN	1 Ls
	Accessories	Serial Switch	1 Ls
	Contact	Socket	1 Ls
	Grounding system	Provided	1 Ls
	Lighting	Inside LED panel on ceiling	1 Ls
	Lighting Outdoor	Outdoor (Barrel ball type)	1 Set

AHU Respiratory Infectious Diseases Control	Brand	HVAC.com	
	Type	All Fresh air with Digital AHU system built in	
	Filtration system	G-4 washable Filter + Bag F-8 Filter system	1 units
	Contoller	Thermometer & Humidity	1 units
	Room	Clean Class Class ISO 6	1 units
	Room	Pressure Monitor Magrfhelic -30 to +30 Pascal	4 units

Negative Pressure Air Cleaner Box	Type	High Efficinecy Cabinet Fan	
	Hepa Filter	Grade H-13 99,99% @0,3 micron	1 units
	Purification equipment	Light Hydrogen Air Cleaner	2 unts
	Air Circulation	Max. 3.500 cmh	
	Ozone	Concentration < 0,01 mg/m3	
	Staphylococcus aerus eliminate rate & Bacteria in Air	>90%	
	UV Lamp Life	8000-12000 Hours	
	Sterilization	Bacteria, Mold, Virus, Coli, ect	

Air Shower	Size	1290 * 1000 * 2130 mm	
	Material	SUS 304	
	Filtration system	Hepa Filter + Motor Fan	2 sets
	UV Light		1 units
	Jet Nozzle	SUS 304	12 pcs
	Door system	Interlocking system	

Pasbox	Size	760 * 600 * 730 mm	
	Material	SUS 304	
	Door system	Electronic Interlocking SUS304#	
	UV Light		



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