Specifications

Containment Units

Kontrol Kube Mobile Containment Units are available with two different enclosures, the TopSider™ or Abacus®. The is designed for accessing walls and ceilings of up to 10' during construction, renovation or repair and is ideal for works such as cabling, HVAC and light fixture repair. The Abacus is designed for use as an anteroom for temporary patient isolation in a standard room as well as for room size containment during maintenance or renovation. The Abacus can also be used to access ceiling of up to 8'. The differences in the two models are presented below.

Anteroom/Patient Isolation	Abacus	TopSider
Anteroom/All use	✔	-
Isolation Flanges	✔	-
Beveled Base (easy roll over)	✔	-
Pass Through Portal w/ screen	✔	-
Exterior Documentation Pocket	✔	-

Facility Maintenance	Abacus	TopSider
Overhead Access variable up to 30"x60"	✔	✔
Max Ceiling Access Height**	8'	10'
Whole Room Containment	✔	-
Accommodates 6' ladder	✔	✔
Accommodates 8' ladder	-	✔

* with optional AirBase
**With optional wheelbase

Design Features	Abacus	TopSider
Supports Negative Air Machine on rolling platform*	✔	✔
Rolls through all AIA and NFPA Compliant Doors**	✔	✔
Width x Length	30"x60"	30"x60"
Windows	4 - 19"x34"	2 - 19"x41"
Side Access Doors	2 - 45"x80"	2 - 45"x90"
End Access Doors	-	1 - 22"x90"
12" Diameter Portal	✔	✔
4" Diameter Portal	✔	✔
Solid Wheel Base	✔	✔
Four Locking Casters (non-marking)	✔	✔
Solid Base supports 500 lbs.	✔	✔
Fire Retardant Enclosure	✔	✔

Negative Air Machine

Air Flow:	250 to 500 CFM with variable speed control (w/ filters in place)
Power	115V, 60 Hz, 12 amp circuit breaker
Motor	Impeller with thermal overload protection rated for 1000 CFM. 3 amps
GFCI Outlets	9 amp auxiliary outlet (12 amps with unit off)
Cord Length	25'
Dimensions	24.6" × 26.2" × 18.2"
Weight	44 lbs (19.9 kg)
Duct Size	Intake: 12", Outlet: 8"
Daisy chain	Plug three units together – provides up to 1500 CFM
Housing	Rotomolded polyethylene
Fire Rating	Passes flammability testing UL94
Filter Change Light	Indicates when HEPA filter needs to be changed
Safety marks	UL/C-UL Listed
Filtration:	3 Stage DOP Compliant HEPA - Pre Filter (included) - DOP Filter (included) - HEPA Filter (included) - Carbon Filter (optional)

Part Numbers

10' TopSider Unit		
	Enclosure	6544
	Frame	6540
	WheelBase	6543
8' Abacus Unit		
	Enclosure	6545
	Frame	6541
	WheelBase	6543
AirBase		6542
Negative Air Machine		6560
	Pre Filter	6562
	DOP Filter	6564
	HEPA Filter	6561
	Carbon Filter (optional)	6563

KONTROL KUBE®

Mobile Containment. Simplified.™

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Containment Solutions for Airborne Pathogens

Facilities Maintenance

Dust Control

Patient Isolation

Pandemic Preparedness

Mobile Containment. Simplified.™

Containment Units

Kontrol Kube's are mobile containment and isolation units designed to be set up quickly and easily to establish a temporary negative pressure environment. They are ideal for the control of airborne particulate during hospital renovations, construction and repairs; or for temporary patient isolation and increased surge capacity.

- CDC and JCAHO compliant
- 30" wide base fits through all AIA and NFPA Life Safety Code Compliant Doors
  (NFPA 19.2.5.4, NFPA 19.2.3.6, NFPA 19.2.3.7, AIA 8.2.2.3 (C), AIA 8.2.2.3 -b (ii))
- Fire rated enclosure meets JCAHO EC.5.50.2 & California Fire Marshall
- Sets up in under 15 minutes
- Solid wheel base permits a single person to move the unit with tools inside
- Durable Construction

Facility Maintenance

The Kontrol Kube adjust to ceilings of up to 10' when overhead containment is needed for maintenance or repairs such as cabling, light bulb replacement, HVAC access or any other above ceiling work. The unit can also be used for side wall access when performing work such as plumbing or installing power and communications outlets. With a 30" wide wheel base the unit can be quickly moved through all AIA and NFPA compliant doors to any area where dust and particulate control is needed.

When containment of a large area is required the Kontrol Kube can be set up as an anteroom and used to isolate entire rooms during construction, renovation or repair.

- Dust & particulate control to assist in achieving JCAHO, CSA, CHICA and CDC compliance
- Assists in meeting OSHA & ACGIH levels of permissible nuisance dust
- Access walls and ceilings of up to 10'
- Moves easily throughout the facility
- Eliminates the need for disposable barrier materials
- Simplifies clean up
- Designed for daily use
- Easier to inspect than traditional barriers

Patient Isolation

The Kontrol Kube can be configured for use as a temporary anteroom converting any operating, patient or procedure room into an emergency airborne isolation room. The Kontrol Kube can be quickly set up to provide containment where ever it is needed without costly disruptions to patients and schedules. The unit can be used in conjunction with either a negative or positive pressure patient room.

The spread of airborne infectious disease, and the need for surge capacity, can quickly overwhelm a facility. The Kontrol Kube offers a convenient solution to securing a protected environment. The unit can be set up in just minutes, and when kept under negative pressure helps satisfy HRSA Critical Benchmark #2-2 requirements.

- Convert any room into an airborne isolation room
- Designed for rapid deployment
- Meets HRSA Critical Benchmark 2-2
- Beveled base allows for easy roll through of carts, beds or equipment
- Assists in disaster preparedness

KONTROL KUBE® COMPLETE™
The only system that offers complete mobility.

Complete System Advantage

The Kontrol Kube Complete is a solution based system for temporary containment. The Complete system is the only containment method that offers total mobility and ease of use for the user, and the assurance that all components have been designed to work seamlessly with one another. This system includes the containment unit, the new patent pending AirBase and Negative Air Machine, and all other components necessary to establish temporary containment.

This new system, available exclusively from Kontrol Kube, reduces time and costs while increasing the efficiency and effectiveness of temporary containment.

Kontrol Kube Complete System
- Containment Unit
- Negative Air Machine
- AirBase

AirBase™ - Negative Air Machine Base

The patent pending AirBase attaches quickly and easily to the Kontrol Kube Wheel Base and is designed to support a negative air machine. Once connected, the entire system including negative air machine and containment unit, can be rolled through a facility by a single person.

- Easy locking attachment
- Complete single user mobility
- Designed to work with the Kontrol Kube Negative Air Machine
- Accommodates most portable negative air machines
- Can be used for cable spools, equipment & tools

Negative Air Machine

The Kontrol Kube Negative Air Machine offers a revolutionary combination of power, efficacy and convenience. This light weight, three-stage, variable speed machine delivers up to 500 CFM (with HEPA filter installed) and is ideal for use with the Kontrol Kube containment units. Featuring a DOP Stage 2 Pre-filter this unit ensures effective filtration in a single pass. The unit also includes a 5' length of flex duct for attachment to the Kontrol Kube.

- Variable speed - up to 500 CFM
- DOP compliant 3 stage HEPA filtration
- Lightweight, durable rotomolded construction
- Designed for the Kontrol Kube Containment Unit
- Filter change indicator light
- Includes 5' Flex Duct
- UL/C-UL Rated
- Passes UL94 flammability rating