KONTROL KUBE®

Mobile Containment. Simplified.™

Mobile 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.

- Increased labor savings and increased worker productivity
- 30" wide base fits through all AIA and NFPA compliant doors
- Fire rated enclosure meets JCAHO EC.5.50.2 & California Fire Marshal requirements
- Solid wheel base permits a single person to move the unit with tools inside
- Sets up in minutes
- Reduced disposable containment materials costs
- Reduced room and department closure costs with targeted containment
- Reduced risk of Hospital Acquired Infections (HAI's) and the associated liabilities

Facility Maintenance

Kontrol Kube containment systems adjust to ceilings of up to 8', 10' and 11' (depending on the unit) when overhead containment is needed for maintenance or repairs such as cabling, light bulb replacement, HVAC access or any other above ceiling work. The Advanced and Topsider units 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, each Kontrol Kube 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, IPAC and CDC compliance
- Assists in meeting OSHA & ACGIH levels of permissible nuisance dust
- Access walls and ceilings of up to 11'
- Moves easily throughout the facility
- Eliminates the need for disposable barrier materials
- Simplifies clean up
- Designed for daily use
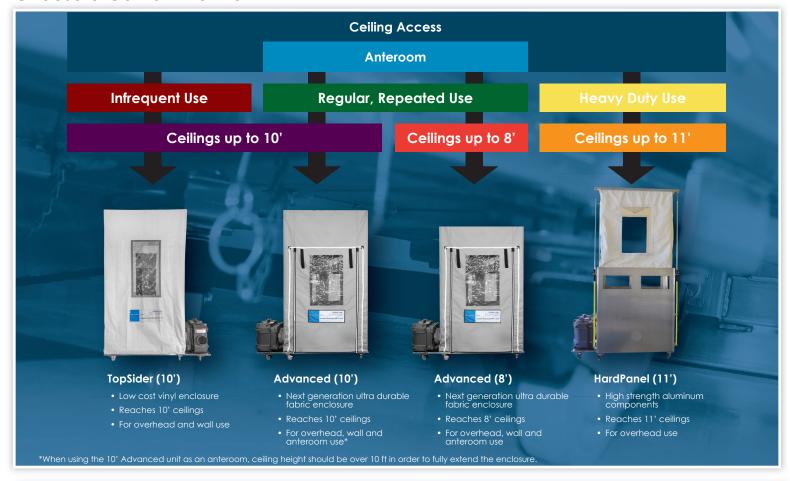- Easier to inspect than traditional barriers

Patient Isolation

The Kontrol Kube Advanced units 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 Advanced unit 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 diseases (e.g., MRSA and TB), 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

[†] When using the 10' Advanced unit as an anteroom, ceiling height should be over 10 ft in order to fully extend the enclosure.

Choose a Containment Unit

Ceiling Access

Anteroom

Infrequent Use | **Regular, Repeated Use** | **Heavy Duty Use**

Ceilings up to 10' | **Ceilings up to 8'** | **Ceilings up to 11'**

TopSider (10')
- Low cost vinyl enclosure
- Reaches 10' ceilings
- For overhead and wall use

Advanced (10')
- Next generation ultra durable fabric enclosure
- Reaches 10' ceilings
- For overhead, wall and anteroom use*

Advanced (8')
- Next generation ultra durable fabric enclosure
- Reaches 8' ceilings
- For overhead, wall and anteroom use

HardPanel (11')
- High strength aluminum components
- Reaches 11' ceilings
- For overhead use

*When using the 10' Advanced unit as an anteroom, ceiling height should be over 10 ft in order to fully extend the enclosure.

AirBase™ for Negative Air Machine

The 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

Containment Units

The Kontrol Kube Mobile Containment line consists of three different units, the Advanced (available in 8' and 10' enclosures), TopSider and HardPanel. The Advanced unit can be used for accessing walls and ceilings of up to 10' during construction, renovation or repair. In addition, the Advanced unit can be used as an anteroom for temporary patient isolation in a standard room as well as for room size containment during maintenance or renovation. The TopSider is designed for ceiling tile and wall access where projects include cabling, HVAC and light fixture repair. The HardPanel is an ultra durable containment unit for daily repeated use that reaches ceilings up to 11'. The differences in each model are presented below.

Anteroom/Patient Isolation	Advanced 8'	Advanced 10'	TopSider	HardPanel
Anteroom/All use[†]	✔	✔	-	-
Isolation Flanges	✔	✔	-	-
Beveled Base (easy roll over)	✔	-	-	-
Pass Through Portal w/ screen	✔	✔	-	-
Exterior Documentation Pocket	✔	✔	-	-

Facility Maintenance	Advanced 8'	Advanced 10'	TopSider	HardPanel
Overhead Access variable up to 30"x60"	✔	✔	✔	✔
Max Ceiling Access Height**	8'	10'	10'	11'
Whole Room Containment	✔	✔	-	-
Accommodates 6' ladder	✔	✔	✔	✔
Accommodates 8' ladder	-	✔	✔	✔

Design Features	Advanced 8'	Advanced 10'	TopSider	HardPanel
Supports Negative Air Machine on rolling platform*	✔	✔	✔	✔
Rolls through all AIA and NFPA Compliant Doors**	✔	✔	✔	✔
Width x Length	30"x60"	30"x60"	30"x60"	30"x68"
Windows	4 - 19"x34"	4 - 19"x34"	2 - 19"x41"	10 total
Side Access Doors	2 - 45"x80"	2 - 45"x80"	2 - 45"x90"	-
End Access Doors	1 - 22"x80"	1 - 22"x90"	1 - 22"x90"	1 - ?"x?"
12" Diameter Portal	✔	✔	✔	✔
4" Diameter Portal	✔	✔	✔	8" portal
Solid Wheel Base	✔	✔	✔	✔
Four Locking Casters (non-marking)	✔	✔	✔	✔
Solid Base supports 500 lbs.	✔	✔	✔	✔
Fire Retardant Enclosure	✔	✔	✔	✔

* With optional AirBase
**With optional Wheelbase
[†] When using the 10' Advanced unit as an anteroom, ceiling height should be over 10 ft in order to fully extend the 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' Advanced Unit
    Enclosure   6546
    Frame   6541
    WheelBase   6543
10' Advanced Unit
    Enclosure   6547
    Frame   6540
    WheelBase   6543
HardPanel Unit   6500
AirBase   6542
Negative Air Machine   6560
    Pre Filter   6562
    DOP Filter   6564
    HEPA Filter   6561
    Carbon Filter (optional)   6563

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