

THE BRAUN CORPORATION®

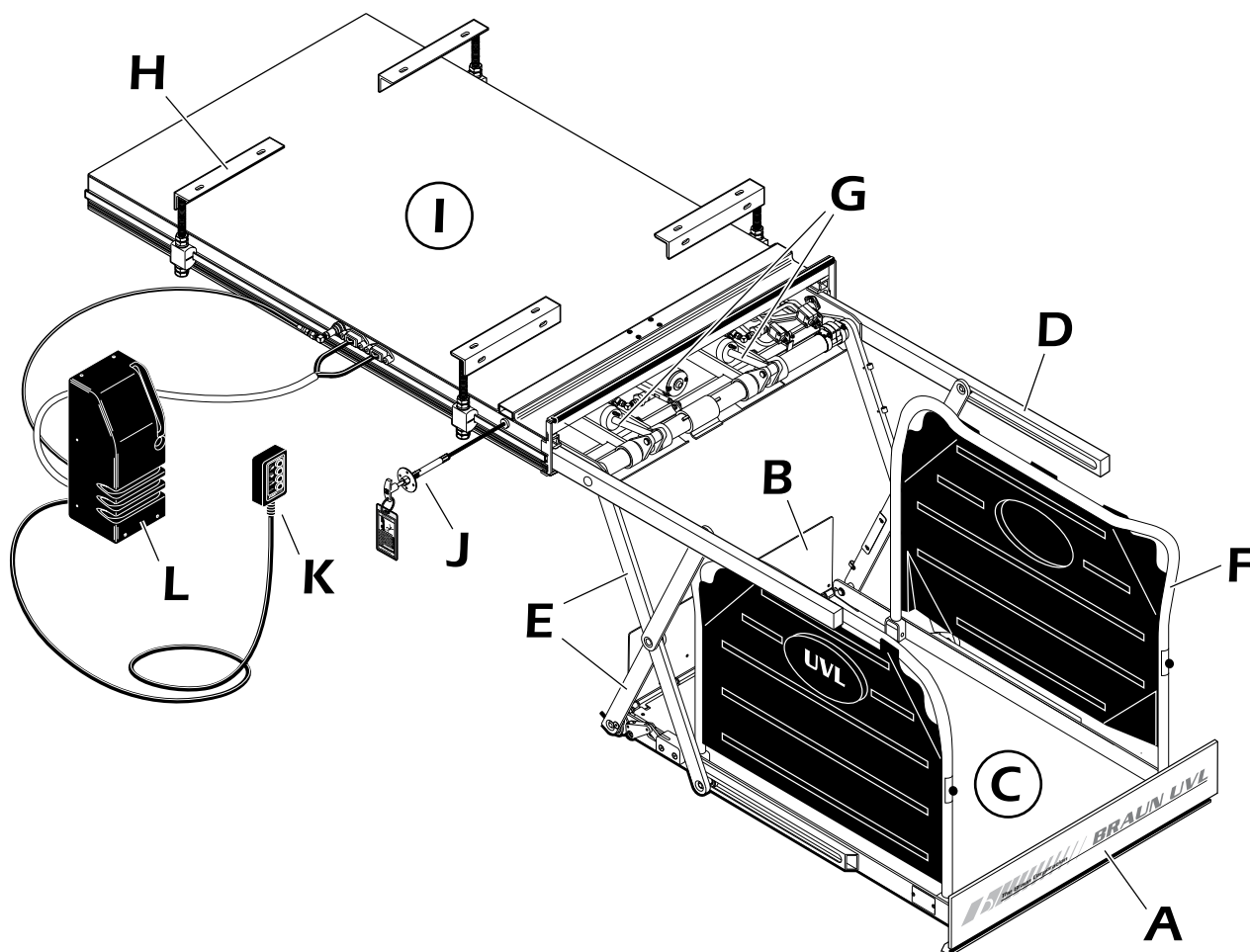
APPLICATION GUIDE

2 0 0 6 V O L U M E 4 , I S S U E 1



UVL855R UVL SERIES

UVL855R UVL Series



A - Outboard Roll Stop	G - Hydraulic Cylinder (2)
B - Inboard Barrier	H - Lift Mounting Brackets (4)
C - Platform	I - Lift Housing (Cassette)
D - Rolling Horizontal Arms (2)	J - Platform Cable-Activated Manual Release
E - Lifting Arms (4)	K - Hand-Held Control Box
F - Handrail (2)	L - Pump Module

Technical Specifications

General Function: Electrohydraulic, power up/gravity down operation, power in/out

Operation: Hydraulic pump with two lifting cylinders

Control: hand-held control

Hydraulic: Pressure Max. 3,249 psi (224 bar), Fluid is Hydraulic/HFA Aviation, Oil reservoir is .25 gal (.95 L)

Construction: Aluminum Housing with Steel inner structure with powder coat finish

Lift Weight: 580 lbs (263 kg)

Lifting Capacity: 750 lbs (340 kg)

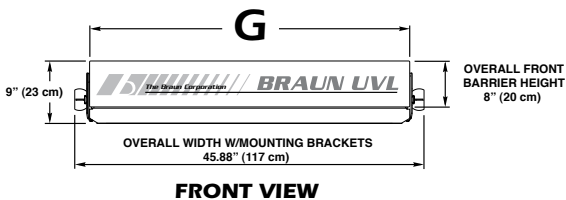
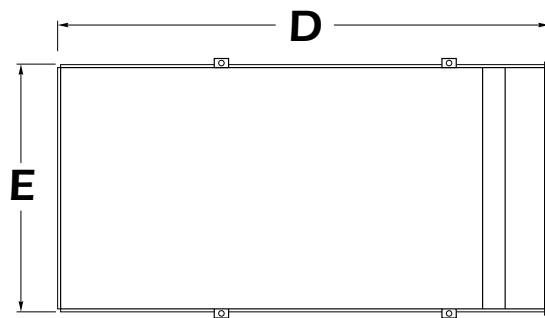
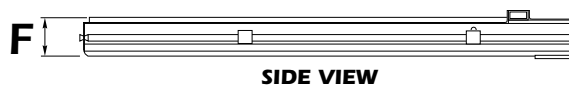
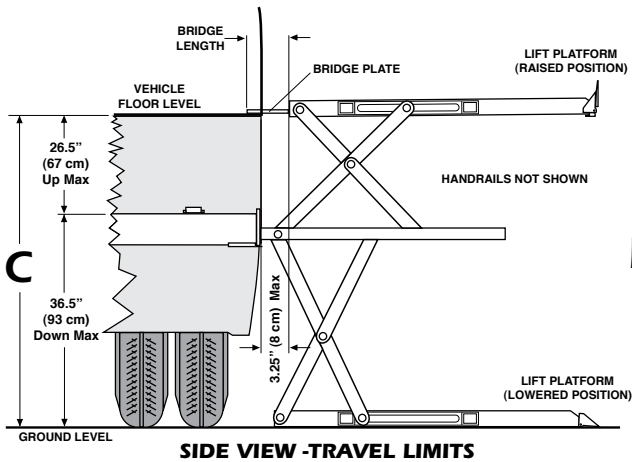
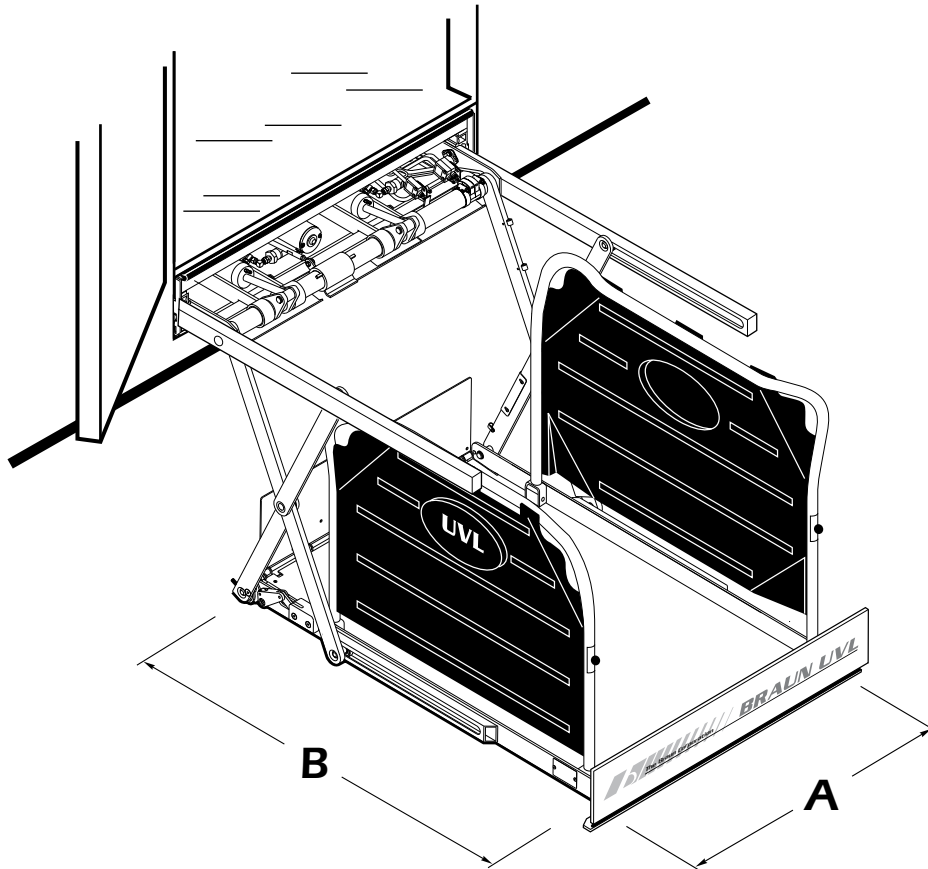
Operating Temperature: 19°F to 149°F (-7°C to 65°C)

Power Supply: 12V DC (optional 24V DC)

Current Consumption: Max. 120A (12V) - Max. 60A (24V)



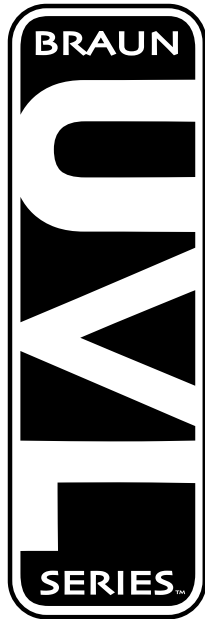
Lift Dimensions



UVL855R UVL Series			A	B	C	D	E	F	G
Lift Model Number	Operation		Clear Platform Width	Clear Platform Length	Max. Floor to Ground	Cassette Length	Cassette Width	Cassette Height	Min. Clear Door Opening Width
	User	Atttd.							
UVL855R		X	30"(76cm)	53"(135cm)	63"(160cm)	72.25"(184cm)	43.5"(110cm)	5"(13cm)	43.5"(110cm)

All dimensions are for reference only.

Lift Features



- ✓ fully automatic lift, operated by an attendant
- ✓ mounts in a dedicated door application - out of sight and out of the way, providing more flexibility in floor plan design
- ✓ aluminum housing is fully enclosed to be weather tight
- ✓ features a power pack remotely-mounted hydraulic pump with power up/gravity down operation
- ✓ handheld 4-button pendant control operates all lift functions
- ✓ slip-resistant platform
- ✓ electrical activated Automatic Roll Stop (ARS) engages before platform leaves ground
- ✓ mechanical Inboard Barrier (IB) / bridge plate is incorporated to meet a variety of door and step well requirements
- ✓ lift will not stow with weight on the platform
- ✓ manual back-up system as standard feature
- ✓ rattle-free environment inside, providing a pleasant quiet ride
- ✓ diagnostic system for easy troubleshooting
- ✓ bearings are sealed or self-lubricating
- ✓ all functions operate from a digital logic board located inside the power pack
- ✓ durable high-gloss powder coated finish



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