



2014 *Private Use* Application Guide • Issue 1 • 5-8-14



Vangater Series™

Vangater Series™ Features

The Vangater's solid state electronics are designed for trouble-free operation, and a single-function switch control makes the lift more user-friendly. An optional remote control system offers the ultimate in convenience.

Double backup protection is provided by an efficient manual and speedy auxiliary electric override system. The latter allows circuit bypass to give the lift electrical power for up and down operation provided there is still van battery power.

The ultra-compact Vangater gives everyone more breathing room and riding comfort. That's because the left-mounted single post design, which is positioned toward the rear of the vehicle, creates more usable interior space and offers a clearer side view looking out of the van. If your van has a sofa bed, most applications will allow you to fully deploy it without interfering with the lift.

Our power tri-folding platform allows use of 60% of the van's side door for easy ambulatory exit and entry. Plus, most front passenger seats can be reclined to nearly their furthest setting.

The all-electric drive mechanism is completely enclosed to make it quieter, cleaner, and more dependable, especially in extreme hot or cold temperatures. Designed to be virtually rattle-free, the Vangater makes traveling a more pleasurable experience.

- V.A. Accepted & NHTSA Compliant
- Power Tri-Fold Platform
- Modular construction
- Durable powder-coated finish
- Aux. electrical override system
- Manual backup system
- 5-1/4" automatic roll stop
- Designed for flat-floor and stepwell applications
- Designed for use with power door operators
- Can be used in vehicles without raised doors, maintaining "garageability"
- Control switches are easily operated by those with limited dexterity



Vangater Series™ Models

NV05SSW

NHTSA Compliant Usable Platform: 30" x 43"

NV05FSW

NHTSA Compliant Usable Platform: 30" x 47"

NV05SSL

NHTSA Compliant Usable Platform: 30" x 43"

NV05FSL

NHTSA Compliant Usable Platform: 30" x 47"

NMV05DC

Dodge/Chrysler Minivans*

NHTSA Compliant

Usable Platform: 26" x 41"

NMV05GM

GM Minivans*

NHTSA Compliant

Usable Platform: 26" x 41"

NMV05FD

Ford Minivans*

NHTSA Compliant

Usable Platform: 26" x 41"

General Function: Electric power up/ power down operation

Control: Module mounted switches, Up/ Down and Level switches on switch arm, optional hand-held control box, and optional remote control

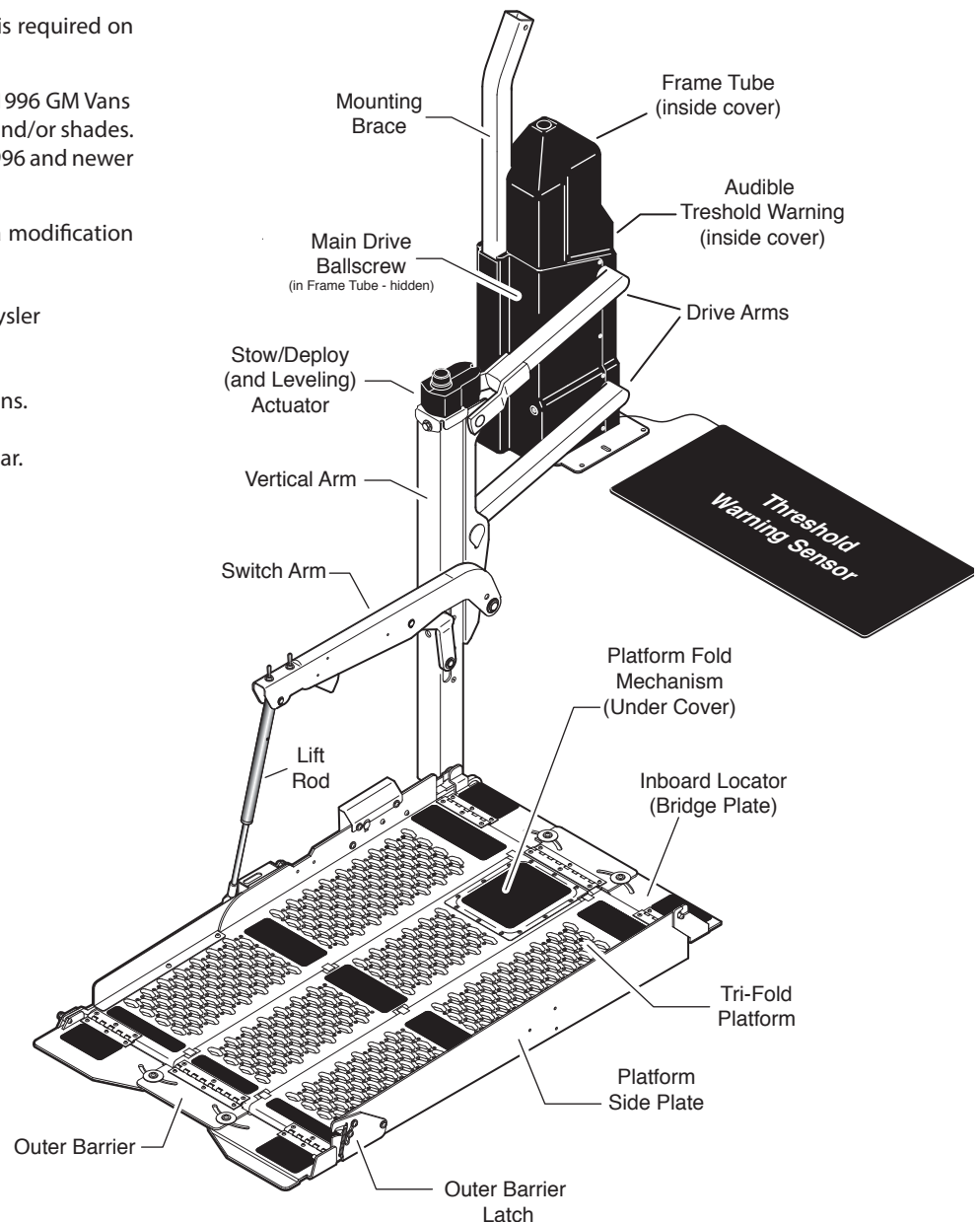
Construction: Steel structure with powder coat finish

Operating Temperature: -40°F to 122°F

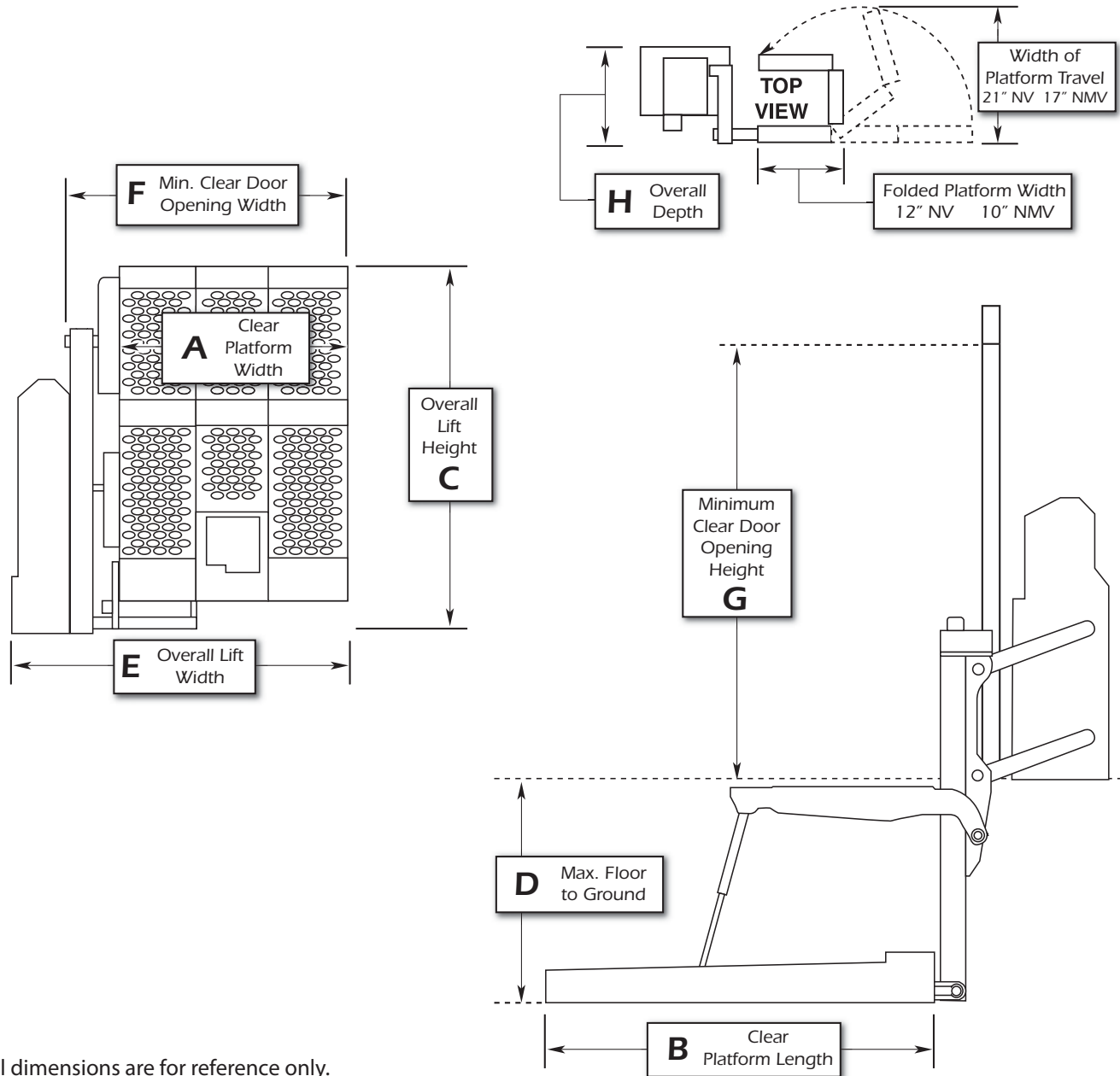
Power Supply: 12VDC

Current Consumption: Max. 85A (12V)

- **NV** - The lift may be installed in side slide and swing doors of GM and Ford vans. Note: the NV is not designed for rear door installations.
- **NV** - A modification to the lower door stop is required on 1992 and newer sliding door Fords.
- **NV** - A stepwell kit is recommended for Pre-1996 GM Vans which have door openers, window shrouds and/or shades. A special bridge plate must be ordered for 1996 and newer GM Vans. Refer to "Lift Accessories" at right.
- **NV** - All short wheelbase vans will require a modification to the wheelwell and/or baseplate.
- * **NMV05DC** - Fits 2007 and older Dodge/Chrysler Minivans. Will not fit 2008 and newer.
- * **NMV05GM** - Fits 2008 and older GM Minivans.
- * **NMV05FD** - Fits 2004 and older Ford Windstar.
- **NMV** - This lift is not recommended for short wheelbase minivans.
- **NMV** - This lift is not designed for rear door installations.



Vangater Series™ Dimensions



All dimensions are for reference only.

Vangater Series™			A	B	C	D	E	F	G	H
Lift Model Number	Lift Weight lbs	Lifting Capacity lbs	Clear Platform Width	Clear Platform Length	Overall Lift Height	Max. Floor to Ground	Overall Lift Width	Min. Clear Door Opening Width	Min. Clear Door Opening Height	Overall Lift Depth
NV05SSW	345	600	30"	43"	48"	29"	48"	39.5"	48"	14"
NV05FSW	345	600	30"	47"	48"	29"	48"	39.5"	48"	14"
NV05SSL	345	600	30"	43"	48"	29"	48"	39.5"	48"	14"
NV05FSL	345	600	30"	47"	48"	29"	48"	39.5"	48"	14"
NMV05DC	330	400	26"	41"	42"	29"	40"	31"	42"	14"
NMV05GM	330	400	26"	41"	42"	29"	40"	31"	42"	14"
NMV05FD	330	400	26"	41"	42"	29"	40"	31"	42"	14"

NHTSA Interlock Kit Options



* Plug & Play Kits are used in conjunction with Interlock Kits

36259	GM Interlock Kit - 2008 to 2014 Vans
36261	GM Plug & Play Kit* - 2008 to 2014 Vans
32541	GM Interlock Kit - 2001 to 2007 Vans
32543	GM Plug & Play Kit* - 2001 to 2002 Vans
36257	Ford Interlock Kit - 2008 to 2014 Vans
36260	Ford Plug & Play Harness* - 2008 to 2014 Vans
32538	Ford Interlock Kit - 2004 to 2007 Vans
32540	Ford Plug & Play Kit* - 2004-2006 with Trans Code A, F or Q
33678	Ford Plug & Play Kit* - 2007 with Trans Code Q
32544	Universal Interlock Kit
32531K	Interface Kit for NV - must be ordered with an Interlock Kit if used with power door operators

Door Operator Kits



Swing Door Operators



Slide Door Operator

GM	62409-000	<u>Side Swing In-Door Operators for pre-1996</u>
	62403-000	<u>Side Swing In-Door Operators for 1996 & Up</u>
FORD	62400-000	<u>Side Swing In-Door Operators for 1992 & Up (60/40)</u>
	32311A	<u>Side Slide Door Operator for pre-1992</u>
	32312A	<u>Side Slide Door Operator for 1992 & Up</u>
SPRINTER	P50381A	<u>Side Slide Door Operator (up to 2006)</u>
NISSAN NV	37648A	<u>Side Slide Door Operator for 2011 & Up</u>

Installation of 60000-series swing door operator kits **requires** the use of a template.

- **1996 & Up GM Vans:** Side Left: 60461-000 Side Right: 60460-000
- **1992 & Up Ford Vans:** Side Left: 60317-000 Side Right: 60318-000 Rear Left: 60392-000 Rear Right: 60393-000

Vangater Series™ Accessories



◀ 04853-000
Replacement
Handheld Control



◀ 36646KS
Remote Control System
with Keychain Transmitter
35150KS Keychain Transmitter



◀ 04865-000
Dash-Mounted Toggle
Switch (Stow/Deploy)



◀ 04805-000
Dash-Mounted Toggle
Switch (Fold/Unfold)

◀ 04870-000
Dash-Mounted Touch
Pad (Stow/Deploy)

◀ 04869-000
Dash-Mounted Touch Pad
(Fold/Unfold)

04866-000K	Rear Exterior Control with Lock
31975KS	Taillight Magnetic Switches - Ford
31976KS	Taillight Magnetic Switches - GM
36027A	Threshold Warning Mat - NV (Replacement)
08204-000	Threshold Warning Mat - NMV (Replacement)

30936K	Overhead Light Kit - FMVSS403
04929-000	Installation Kit - '96 & Up GM Stepwell
04759-000	Installation Kit - '06 & Older Sprinter
04759-007	Installation Kit - '07 & Up Sprinter
37516KS	Installation Kit - '2011 & Up Nissan NV

Vangater Series™ Specifications

THE BRAUNABILITY NV & NMV VANGATER WHEELCHAIR LIFT SPECIFICATIONS “Provided to make your spec writing easier.”

The wheelchair lift shall be of modular steel frame construction. The bolt-together frame design shall provide rigidity for lift alignment and lift operation. The lift shall have been tested to a minimum static load of 2400# (NV) or 1600# (NMV). The lift shall have a rated lifting capacity of 600# (NV) or 400# (NMV).

The power supply shall be a 12 volt electric system. The operation of the unit shall provide a smooth ride in both up and down directions.

A manual backup system in case of electrical failure shall be standard.

The switch panel for lift operation shall be conveniently located and utilize switches designed for ease of operation by persons with limited use of their hands.

The platform shall be of steel construction. The platform shall have a wheelchair passageway width of 30" and a length of 47"(flat floor, 4" lowered floor), 43"(stepwell).

The platform shall be automatically folded and unfolded and fully automatic in operation.

The power roll stop shall be automatic in operation and a minimum of 4" high measured from the platform surface.

A single switch arm shall be provided to add security and convenience, equipped with a lower/raise switch for the wheelchair passenger to use while on the platform, and a level up switch, which is used to level the occupied platform when the van is parked on an incline.

Standard Features

- Tri-fold platform (power)
- All moving drive parts are enclosed
- Protective 80 amp circuit breaker
- Auxiliary electrical override system
- See-through, non-slip platform
- Brake function (to eliminate coasting)
- Solid state electronic circuitry & components
- Manual backup system
- Door safety cut-out switch
- Ground level sensor switch
- Hand held pendant control

Optional Features

- Power door operators
- Remote control
- Dash mount touch pad (stow/deploy)
- Dash mount touch pad (fold/unfold)
- Dash mount toggle switch (stow/deploy)
- Dash mount toggle switch (fold/unfold)
- Taillight magnetic switches w/lockout

BraunAbility NV and NMV Vangater Series to include but not limited to the following model numbers:

- NV05SSW (Stepwell-Swing)
- NV05FSL (Flat Floor-Slide)
- NV05SSL (Stepwell-Slide)
- NV05FSW (Flat Floor-Swing)
- NMV05DC
- NMV05GM
- NMV05FD



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