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ABSTRACT

This catalog is intended to assist architects and college administrators to select products that help physically handicapped people lead lives free of architectural barriers. The product information, obtained directly from the manufacturers, is listed on comparative matrix sheets, that can be used to achieve the design recommendations. Products of a proprietary nature are listed towards the end of the catalog and are referenced to their appropriate categories. The catalog layout generally follows the major divisions of the Construction Specifications Institute design criteria. A list of manufacturers is provided. Products include: handrails, exterior doors/entrances, accessible thresholds, power operators for doors, power assists for doors, manual door closers, door handles and panic devices, anti-slip floor coverings, kitchen appliances, kitchen sinks, lavatories, toilet seat risers, towel dispensers, lever or blade faucets, mirrors, prefab shower compartments, shower fixtures, shower and bathtub seats, signage, laboratory equipment, classroom equipment, swimming pool lifts, telephone enclosures, furniture, elevators, vertical wheelchair lifts, inclined wheelchair lifts, water coolers and fountains, van modification, accessible buses with lifts, and telephone typewriters. (GLR)

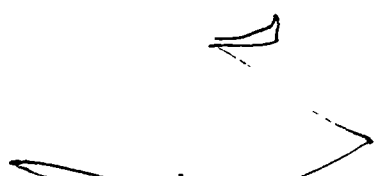
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Modifying the Existing Campus Building for Accessibility:

ACCESSIBLE PRODUCTS CATALOG

Stephen Richard Cotler, Architect
Accessible Design Consultants

The Association of Physical Plant
Administrators of Universities and Colleges



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Preface

This catalog has been prepared to assist architects and college administrators who specify products that help physically handicapped people lead lives free of architectural barriers. It is published and intended to be used along with *Modifying the Existing Campus Building for Accessibility: Construction Guidelines and Specifications*. *Construction Guidelines and Specifications* offers design criteria, while this catalog includes products that can be used to achieve the design recommendations. Products have been listed on comparative matrix sheets. Several products, though, have not been put on these forms because of their proprietary nature. These products are listed in one section at the end of the catalog and are referenced to their appropriate categories.

Manufacturers received a general matrix questionnaire which identified the products they make. The manufacturers filled out a specific matrix form for each product. This detailed information was transferred to the general matrix to allow direct comparison of similar products. Across the top of the sheet, the names and addresses of the manufacturers, as well as the product name and model number, are listed. For each product type listed down the left side of the sheet are those features or requirements which relate to accessible use of the product. Where ANSI A117.1 (1980) standards apply, the matrix category is identified with a checkmark (☑) to the left of the matrix. If additional explanation concerning ANSI requirements is needed, it is given at the top of the matrix sheet.

The Catalog layout generally follows the major divisions of the Construction Specifications Institute (CSI) outline. The major difference is the listing of items

related to restrooms. These are grouped under Division 10 which is usually set aside for restroom specialties and does not normally include such plumbing items as lavatories, faucets, etc. These items would usually be listed under Division 15 Plumbing but are included under Division 10 of this catalog to keep all restroom-related items together.

Costs are constantly increasing. When available a range of costs for products appears at the top of the matrix form to provide architects or specifiers with a rough estimate of cost. Additionally, new products appear so frequently and some manufacturers offer such a wide variety of products that it was impossible to include every product or model in this listing. For detailed specifications contact manufacturers directly. Also note that the address listed for any manufacturer is that of the main office. There are generally distributors in your geographical area.

The information contained in this catalog has been obtained directly from the manufacturers listed. The Association of Physical Plant Administrators of Universities and Colleges (APPA), the Department of Education (ED), and Accessible Design Consultants (ADC) neither endorse nor recommend the use of the products listed in this catalog, but offer this listing as assistance to those searching for building materials which affect accessibility for the handicapped.

Acknowledgments

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Note To Users

Below is an explanation of the symbols used throughout this catalog. For easier use the key is repeated at the bottom of each matrix form.

- Standard Item. Items identified by a solid circle are included when purchasing the product as a standard specification.
- Optional Item. Items identified by a solid square are not normally included when purchasing the product. These items are available from the manufacturer as optional accessories or represent a choice made by the specifier.

- Not Available. Items identified by an open circle are not available with the product, or the specification is not met by the product or manufacturer.

A Blank. If there is no mark in an item box, the matrix statement does not apply, or the manufacturer did not respond to the specific question.

- ☑ A checkmark to the left of the matrix identifies product features which meet ANSI A117.1 (1980) standards.

POWER OPERATORS FOR DOORS

\$500-\$6000
COST RANGE

8
DIVISION

14.A
SUBDIVISION

NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.

BWN Industries
1849 Business Center Dr.
Duarte, CA 91010
ADW Automatic Operator

Power Access Corp.
444 E. Industrial Park Dr.
Manchester, NH 03103
4300 Power Access
Door Opener

Gyro Tech, Inc.
6750 Industrial Loop
Greendale, WI 53129
G.T. System 100
Gyro Swing

Gyro Tech, Inc.
G. T. System 300, 400
Gyro Swing

**Horton Automatic
Overhead Door Company**
4242 Baldwin Blvd.
Corpus Christi, TX 78405
Automatic Sliding Doors

Horton Automatic
7000 Easy Access

<input checked="" type="checkbox"/>	Adjustable opening time (3 sec. or more)	○	6 sec	2-30 sec	2-30 sec	1½-3 sec	3-8 sec
<input checked="" type="checkbox"/>	Door exerts less than 15 lbs. pressure	●	●			○	●
	Type of door operator can be used on	Sliding	Side hung	Sliding	Side hung	Sliding	Side hung, Balanced
	New installations	●		●	●	●	●
	Existing installations	●	●		●		●
	Maximum door width	16'	48''	48''	48''	48''	42''
	Maximum door weight	500 lbs.	150 lbs.	200 lbs.	200 lbs.	150 lbs.	140 lbs.
	Power requirements	110 V 3 A	115 V 1.4-7 A	115 V 1.4-7 A	115 V 1.4-7 A	120 V 15 A	115 V 2.5 A
	—Electric	●	●	●	●	■	●
	—Hydraulic						
	—Pneumatic					■	
	—Air compressor, lbs. of pressure					48 lbs.	
	Angle door opens to		90°		90°		90°
	Interior use	●	●	●	●	●	●
	Exterior use	●	●	●	●	●	●
	Hold open time adjustable	0 to 20 sec.	0 to 90 sec.	2-30 sec.	2-30 sec.	1-30 sec.	1-15 sec.
	Door stops if obstructed	●	⊙	○	○	○	●
	Door exerts more than 15 lbs. pressure if obstructed			●	●	●	
	Power failure: force needed to open	2 lbs.	15 lbs.	20 lbs.	12 lbs.	15 lbs.	15 lbs.
	force adjustable		●	○	○	○	●
	Security lock when power on	●	●	●	●	●	●
	If door is locked and operator is activated					Circuit breaker releases	Opening signal canceled
	Door closes by: power	●				●	
	spring		●	●	●		●

● Standard
 ■ Optional
 ○ Not available
 ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS, manufacturers continued

8
DIVISION

14.B
SUBDIVISION

NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.

Besam, Inc.
50 Lake Drive
East Windsor, NJ 08520
3000

Besam, Inc.
150 & 200: Econo-Swing

Besam, Inc.
50: Wind Breaker

Besam, Inc.
300 & 350: Swing Master

R. H. Boehm Co., Inc.
2625 Lathrop Ave.
Racine, WI 53405
1000: Power Swing

Reading Door Closer Corp.
Reamstown, PA 17567
1110: Access Free

<input checked="" type="checkbox"/> Adjust opening time (3 sec. or more)	0-5 sec.	0-3 sec.	0-2½ sec.	0-2½ sec.	1½-3½ sec.	3-20 sec.
<input checked="" type="checkbox"/> Door exerts less than 15 lbs. pressure	●	●	●			●
Type of door operator can be used on	Sliding	Side hung	Balanced	Side hung	Side hung, balanced	Side hung
New installations	●	●	●	●	●	●
Existing installations		●		●	●	●
Maximum door width	79"	42"	42"	42"	42"	54"
Maximum door weight	330 lbs.				150 lbs.	
Power requirements	110 V 4 A	110 V 4 A	110 V 4 A	110 V 4 A	115 V 5 A	
— Electric	●	●		●	●	
— Hydraulic		●	●			
— Pneumatic						●
— Air compressor, lbs. of pressure						70 lbs.
Angle door opens to		90°	90°	90°	90°	90°-110°
Interior use	●	●	●	●	●	●
Exterior use	●	●	●	●	●	●
Hold-open time adjustable	0-45 sec.	0-30 sec.	0-30 sec.	0-30 sec.	0-30 sec.	0-120 sec.
Door stops if obstructed	●	●	○	○	●	●
Door exerts more than 15 lbs. pressure if obstructed				●	●	
Power failure: Force needed to open	50 lbs. maximum	14 lbs.	4 lbs.		10 lbs.	
Force adjustable		●	●		●	●
Security lock when power on	●	●	●	●	●	●
If door is locked and operator is activated	Override and shut off	Automatic shut off	Automatic shut off	Automatic shut off	Motor stalls	No damage
Door closes by: Power						
Spring	●	●	●	●	●	●

● Standard

■ Optional

○ Not available

ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS, manufacturers continued

8 DIVISION
14.C SUBDIVISION

NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.

Keene Monroe Corp.
P.O. Box 1071
Monroe, NC 28110

7000: Slideaway Entrance

Keene Monroe Corp.

K-M 2000: Transo n

Keene Monroe Corp.

100: Light Duty Operator

Stanley Magic Door
Division of the Stanley Works
Rt. 6 and Hyde Rd.
Farmington, CT 06032
Magic Swing[®]

Stanley Magic Door

4000/8000: Auto-Slide[®]

Stanley Magic Door

Pneumatic Operator

<input checked="" type="checkbox"/>	Adjustable opening time (3 sec. or more)	○	2-20 sec.	0-6 sec.	1½ sec.	1⅓ sec.	1½-30 sec.
<input checked="" type="checkbox"/>	Door exerts less than 15 lbs. pressure		●	●		●	●
	Type of door operator can be used on	Sliding	Side hung, balanced	Side hung	Side hung	Sliding	Side hung, sliding
	New installations	●	●	●	●	●	●
	Existing installations		●	●	●		●
	Maximum door width	48"	60"	48"	44"	44"	144"
	Maximum door weight	300 lbs.	500 lbs.	110 lbs.	250 lbs.	160 lbs.	1000 lbs.
	Power requirements	115 V 15 A	115 V 15 A	12 V 1 A	115 V 3 A	115 V 3 A	24 V 1 A
	—Electric	●	●	●	●	●	
	—Hydraulic						
	—Pneumatic						●
	—Air compressor, lbs. of pressure						90 lbs.
	Angle door opens to		90°	90°	100°		100°
	Interior use	●	●	●	●	●	●
	Exterior use	●	●	Residential only	●	●	●
	Hold-open time adjustable	1-45 sec.	0-180 sec.	6-45 sec.	2-30 sec.	2-30 sec.	2-30 sec.
	Door stops if obstructed	●	●	●	●	●	●
	Door exerts more than 15 lbs. pressure if obstructed	●			●		
	Power failure: Force needed to open	15 lbs.	15 lbs.	7 lbs.	24 lbs. maximum	12 lbs.	24 lbs.
	Force adjustable	○	●	○	○	○	●
	Security lock when power on	●	●	●	●	●	●
	If door is locked and operator is activated	Must retract bolt	Overload switch secures	Stalls	Nothing	Circuit breaker opens	Nothing
	Door closes by: Power	●		●		●	■
	Spring		●		●		■

● Standard

■ Optional

○ Not available

ANSI A117.1 1980 Standard

(description continued)

POWER OPERATORS FOR DOORS,

manufacturers continued

8

DIVISION

14.D

SUBDIVISION

NOTE: For "low energy" side hung installations the power operated door must not open in less than 3 seconds and not exert more than 15 lbs. of force on any obstruction. If the "low energy" criteria cannot be met, then the power operated door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.

Dor-O-Matic
Division of Republic
Industries, Inc.
7350 W. Wilson Ave.
Chicago, IL 60656
86600-96600: Astro-Swing

Dor-O-Matic
466000-566000: Handi-Swing

Dor-O-Matic
Easi-Swing

Dor-O-Matic
8000,88000, 98000: Astro-Slide

<input checked="" type="checkbox"/>	Adjustable opening time (3 sec. or more)	1 ³ / ₁₀ -1 ⁷ / ₁₀ sec.	4-5 sec.	4-5 sec.	1½-4 sec.
<input checked="" type="checkbox"/>	Door exerts less than 15 lbs. pressure	●	●	●	
	Type of door operator can be used on	Side hung, balanced	Side hung	Side hung	Sliding
	New installations	●	●	●	●
	Existing installations	●	●	●	
	Maximum door width	48"	48"	48"	44" single, 72" bi-part
	Maximum door weight	200 lbs.	150 lbs.	150 lbs.	200 lbs./leaf
	Power requirements	115 V 2.5 A	115 V 1 A	115 V 1 A	115 V 3 A
	— Electric				
	— Hydraulic				
	— Pneumatic				
	— Air compressor, lbs. of pressure				
	Angle door opens to	90°	90°	90°	
	Interior use	●	●	●	●
	Exterior use	●	●		●
	Hold-open time adjustable	2-25 sec.	3-20 sec.	3-30 sec.	2-25 sec.
	Door stops if obstructed	●	●	●	●
	Door exerts more than 15 lbs. pressure if obstructed	●			●
	Power failure: Force needed to open	14 lbs.	14 " s.	9 lbs.	40 lbs. Breakaway
	Force adjustable	○	○	○	○
	Security lock when power on	●	●	●	●
	If door is locked and operator is activated	Tries to open, no harm	Tries to open, low power	Tries to open, low power	Not recommended
	Door closes by: Power				●
	Spring	●	●	●	

POWER OPERATORS



Activated by: Push button on wall



Push button on door jamb

Push button on door

Photoelectric eye

Movement sensing

Floor contact mat

Radio control

Operator mounted: On door

On frame

Parts and labor warranty

Meets BHMA 1601 and ANSI A156.10 1979



● Standard

KEY: ■ Optional

○ Not available



ANSI A156.10 1979

MANUAL DOOR CLOSERS (page one of two)

\$90-\$100
COST RANGE

8
DIVISION

16
SUBDIVISION

NOTE: Manual door closers are designed to provide low opening forces.	LCN Closers Railroad Ave. Princeton, IL 61356 4041: Super Smoothee	LCN Closers 4040: Super Smoothee	LCN Closers 4020: Del, Surface	LCN Closers 4010: Del, Surface	LCN Closers 4110: Del, Surface		
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung, balanced	Side hung	Side hung		
Interior use	●		●	●	●		
Exterior use		●	●	●	●		
Handed			●	●	●		
Non-handed	●	●					
Mounted: Push side	●	●	●		●		
Pull side	●	●		●			
On jamb	●, push side only	●	●				
On door	●	●		●	●		
Closer: Spring	●	●	●	●	●		
Hydraulic							
Adjustable: Sweep speed	●	●	●	●	●		
Latch speed	●	●	●	●	●		
Back check cushioning	●	●	○	○	○		
Closing force	3-8 lbs.	8-15 lbs.	Only small adjustments possible — 100 to 150% of spring size used. Spring size must be specified.				
Held open arm	■	■	■	■	■		
Fusible link	○	○	■	■	■		
Finishes	■	■	■	■	■		
Metal cover	■	■	■	■	■		
Parts and labor warranty	5 years, parts	5 years, parts	5 years, parts	5 years, parts	5 years, parts		

ERIC
Full text provided by ERIC
KEY: ● Standard
■ Optional
○ Not available

(manufacturers continued)

MANUAL DOOR CLOSERS,

manufacturers continued (page two of two)

8

16

	Norton Door Controls P.O. Box 25288 Charlotte, NC 28212	Reading Door Closer Corp. Reamstown, PA 17567 7600: Full Range Door Closer	Reading Door Closer Corp. 4600 EA: Easy Access			
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung			
Interior use	●	●	●			
Exterior use	●	●	●			
Handed						
Non-handed	●	●	●			
Mounted: Push side	●	●	●			
Pull side	●	●	●			
On jamb	●	●	●			
On door	●	●	●			
Closer: Spring		●	●			
Hydraulic	●	●	●			
Adjustable: Sweep speed	●	●	●			
Latch speed	●	●	●			
Back check cushioning	●	●	○			
Closing force	■, by model	3-14 lbs.	2-8 lbs.			
Hold open arm	■	■	■			
Fusible link	○	○	○			
Finishes	■	■	■			
Metal covers	■	●	●			
Parts and labor warranty	●	5 years	5 years			

KITCHEN APPLIANCES

10
DIVISION

10
SUBDIVISION

Whirlpool Corporation
Builder Marketing
Administrative Center
2000 U.S. 33 North
Benton Harbor, MI 49022
Microwave Ovens

Whirlpool Corporation
Electric Ranges



Controls: Easily grasped



On side or front



Push button



Twist knobs



Free standing



Built-in

Door hinges: At side



On bottom



Standard
 Optional
 Not available
 ANSI A117.1 1990 Standard

KITCHEN SINKS

10
DIVISION

11
SUBDIVISION

Just Mfg., Co.
9233 King Street
Franklin Park, IL 60131
KE-2225-A-GR: Kitchen Ease

Stanadyne, Inc.
377 Woodland Ave.
Elyria, OH 44036
Excalibur



Maximum 6½" deep bowl

3½"

Less than 6"

Material

Stainless steel

Stainless steel

Mounted with faucets 18" from front

○

○



- Standard
- Optional
- Not available
- ANSI A117.1 1980 Standard

LAVATORIES (page one of two)

\$150-\$1000
COST RANGE

10
DIVISION

21
SUBDIVISION

**Eijer Plumbingware
Wallace Murray Corp.**
Three Gateway Center
Pittsburgh, PA 15222
051-2964

Universal-Rundle Corp.
217 North Mill Street
New Castle, PA 16103
4682-83

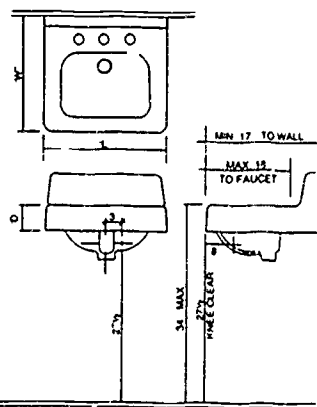
Just Mfg. Co.
9233 King Street
Franklin Park, IL 60131
A-33338

Briggs
1500 N. Dale Mabry
Tampa, FL 33622
664C, 6645: Grace

R.A.R. Enterprises, Inc.
P.O. Box 2645
Houston, TX 77001
Various Models

Blade faucets	●				●	
Meets ANSI A117.1 1980 specs. (see diagram)	○	●	●	●	●	
Model type	Wall hung	Wall hung	Wall hung	Wall hung	Countertop	
Material	Vitreous china	Vitreous china	Stainless steel	Vitreous china		
Size (width, length, apron depth)	20½" x 27¼"	20" x 27¾", 3" apron	18" x 20", 3" apron	20" x 27", 3" apron	22" x 36" min. 4½" apron	
Mirror						
Dispenser: Soap						
Towel					●	
Cup						
Waste receptacle					●	
Shelf						
Light						
Electrical outlet						
Chair carriers required	●	●	○	●	○	

Accessible Lavatory Dimensions



- Standard
- Optional
- Not available
- ANSI A117.1 1980 Standard

LAVATORIES,

manufacturers continued (page two of two)

10

21






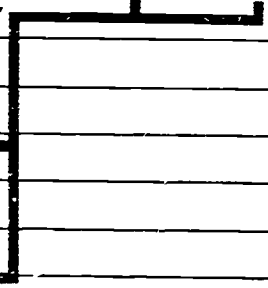
	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B-5780, B-5781: Console	Bobrick Washroom Equipment, Inc. B-588, B-589: Mini-Console	Bradley Corporation Washroom Accessories Division Church and Fellowship Rds. Moorestown, NJ 08057 1027, 1127, 1128, 1123: Bradpack Wash Center	Bradley Corporation CHC-55: Barner Free Washfountain		
<input checked="" type="checkbox"/> Blade faucets	●	●	●			
<input checked="" type="checkbox"/> Meets ANSI A117.1 1980 specs. (see diagram)	●	○	●	●		
Model type	Wall hung	Wall hung	Countertop	Semi-circular		
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel		
Size (width, length, apron depth)	18" x 15¼", 4" apron	22" x 15¼", 4" apron	17½" x 11¾", 5" apron	5" apron		
Mirror	●		●	■		
Dispenser: Soap	●	●				
Towel	●		●	■		
Cup	●		■			
Waste receptacle	●		●			
Shelf						
Light	●		●			
Electrical outlet	●		●			
Chair carriers required	○	○	○	○		
Accessible Lavatory Dimensions 						

GRAB BARS (page one of two)

\$11-\$90
COST RANGE

10
DIVISION

24
SUBDIVISION

	Lumex, Inc. 100 Spence Street Bayshore, NY 11706 4001, 4021: Decorator Grabs	Tubular Specialties Mfg., Inc. 13011 South Spring Street Los Angeles, CA 90061 Various Models	Bradley Corporation Washroom Accessories Div. Church and Fellowship Rds. Moorestown, NJ 08057 832, 837	Bradley Corporation 812, 817		
<input checked="" type="checkbox"/> Outside diameter 1¼"-1½"	1"	1¼" (Q)-1½" (H)	1¼"	1½"		
<input checked="" type="checkbox"/> Meets 250 lb. stress load	●	●	●	●		
<input checked="" type="checkbox"/> Does not rotate in fittings	●	●	●	●		
<input checked="" type="checkbox"/> Wall clearance 1½"	●	■	●	●		
Mounting: Concealed		■	832	812		
Exposed	●	■	837	817		
Finishes	Versa-Guard	● Satin*	Satin, stainless steel	Satin, stainless steel		
24" long 	■ 4021	Q24, H24	■ 001-24"	■ 001-24"		
36" long 		Q36, H36	■ 001-36"	■ 001-36"		
42" long 		Q42m, H42m	■ 001-42"	■ 001-42"		
48" long 		Q48m, H42m	■ 002-48"	■ 002-48"		
48" long 		Q48cm, H42cm	■ 003-48"	■ 003-48"		
"L" shaped 36"x36" 	■	■	■ 038-26"	■ 038-26"		
		NOTE: For 1½" wall clearance add (150), e.g. Q24(150). For concealed mounting add CS-5; for exposed mounting add R-3, e.g. Q24(150) CS-5 *For mirror-like finish add suffix — B, e.g. Q24-B *For peened finish add suffix — P, e.g. Q24-P *For knurled finish add suffix — K, e.g. Q24-K	NOTE: Add size suffix to model (concealed or exposed), e.g. 832-001-24" For 1½" clearance add suffix — 1, e.g. 832-001-24"-1 For safety grip surface add suffix — 2, e.g. 832-001-24"-2 For safety grip surface and 1½" clearance add suffix — 3, e.g. 832-001-24"-3 For safety grip surface and 1½" clearance add suffix — 3, e.g. 832-001-24"-3			

ERIC KEY: ● Standard
 ■ Optional
 ○ Not available ANSI A117.1 1980 Standard






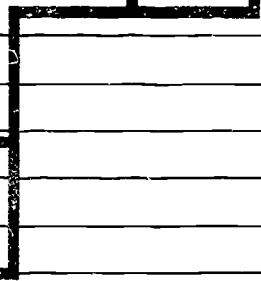
(manufacturers continued)

GRAB BARS,

manufacturers continued (page two of two)

10

24

	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 Various Models	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001 14-17	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B-490, B-5507, B-6106, B-6206		
<input checked="" type="checkbox"/> Outside diameter 1¼"-1½"	1¼"-1½"	1¼" 14-, 15-; 1½" 16-, 17-	1¼" B-5507, B-490; 1½" B-6206, B-6106		
<input checked="" type="checkbox"/> Meets 250 lb. stress load	●	●	●		
<input checked="" type="checkbox"/> Does not rotate in fittings	●	●	●		
<input checked="" type="checkbox"/> Wall clearance 1½"	■ Must specify	●	●		
Mounting: Concealed	■	■ 15, 17-	■ B-5507, B-6206		
Exposed	■	■ 14, 16-	■ B-490, B-6106		
Finishes	Smooth, safety guard	Safety finish, knurled	Satin, peened		
24" long 	■ 9035	■ 24	■ 24		
36" long 	■ 9055	■ 36	■ 36		
42" long 	■ 9075	■ 42c	■ 42		
48" long 	■ 9065	■ 48c	■ 1 x 48		
48" long 	■ 9305	■ 48co	52"¹		
"L" shaped, 36" x 36" 	■ 9115	■	24" x 24"²		
	NOTE: For safety grip add suffix — S, e.g. 9035-S For 1¼" diameter add suffix — O, e.g. 9035-O For 1½" diameter add suffix — S, e.g. 9035-S For concealed mounting add suffix — C, e.g. 9035-C	NOTE: Add prefix when ordering 14. exposed, 1¼", e.g. 14-24 15. concealed 1¼", e.g. 15-24 16: exposed, 1½", e.g. 16-24 17. concealed, 1½", e.g. 17-24	¹Model numbers: B-5693 (1¼" concealed), B-493 (1¼" exposed), B-6293 (1½" concealed), B-6193 (1½" exposed) ²Model numbers: B-5657 (1¼" concealed), B-4955 (1¼" exposed), B-6265 (1½" concealed), B-6165 (1½" exposed) NOTE: for peened finish add suffix — 99, e.g. B-5507-99		

LABORATORY EQUIPMENT/LAB STATION

11
DIVISION

30
SUBDIVISION

Hamilton Industries
1316 18th Street
Two Rivers, WI 54241

Multi Flex

Conco Industries
30 Water Street
Box 150
West Haven, CT 06516
DO 100: Science Station



Counter top 28"-34" above finished floor (AFF)

29"-34" adjustable

31¾"



Kneehole: Minimum 27" AFF, minimum 30" wide

To 36" high, 32"-wide

29½" high, 32" wide

Fixed station



Portable or mobile station



Educational program use

Science, medical, dental

All sciences

Self-contained



Water, vacuum, air

Hook-up to building services required

All

Electricity

Longest horizontal reach

24"

Location of controls

Side or front

Front

Fume hood available



88



KEY: ● Standard
 Optional
 Not available ANSI A117.1 1980 Standard

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39

SWIMMING POOL LIFTS

\$1000-\$8500
COST RANGE

11
DIVISION

60
SUBDIVISION

	Aquanaids 5200 Dixie Road, Suite 205 Mississauga, Ontario Canada L4W1E4 Stranco, U.S. Distributor Mecanaid Pool Lift	G.E.G. Pool Lift, Inc. P.O. Box 282 King of Prussia, PA 19405 Pool Lift	AFW of North America Suite 311 Bank of New York Building Olean, NY 14760 Movable Swimming Pool Floor	The Cheney Co. 3015 South 163rd Street New Berlin, WI 53151 SL-1 Pool Lift	The Cheney Co. Cheney Swim Lift	J.E. Nolan & Co., Inc. P.O. Box 43201 Louisville, KY 40243 Nolan Pool Chair Lift
Powered by: Manual hydraulic	●					
Electric						
Pneumatic		●		●	●	
Hydraulic			●	●	●	●
Transfer from wheelchair to lift required	●	●	○	○	○	●
Permanent installation		●	●	■		●
Temporary installation	●			●	●	●
If removed, what remains on pool deck?	Flush cover plate			Hose lines	Wheel model	Four anchors recessed
Independent user						●
Attendant assisted	●	●	●	●	●	■
Seat	●	●				●
Platform			●	●	●	
Stretcher	■					
Depth below water person lowered to	3'6"	3'	10'	4' 2"	4' 2"	1' 6"
Maximum weight	350 lbs.	320 lbs.	Unlimited	300 lbs.	300 lbs.	300 lbs. at 30 p.s.i.
Interior pool installation	●	●	●	●	●	●
Exterior pool installation	●	●	●	●	●	●
Parts and labor warranty	●	●	●	●	●	●

ELEVATORS

14
DIVISION

10
SUBDIVISION

	Otis Elevator Co. One Farm Springs Farmington, CT 06032 All Models	Schindler Haughton Elevator Corp. P.O. Box 780 Toledo, OH 43695 H 2000 H (Other models available)	Dover Corp. Elevator Division P.O. Box 2177 Memphis, TN 38101 All Models	Inclinator Co. of America 2200 Paxton St. Harrisburg, PA 17105 Elevette	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613 Econol-Lift 500
<input checked="" type="checkbox"/> Meets ANSI A17.1 (1978)	●	●	●	●	●
<input checked="" type="checkbox"/> Automatic operation	●	●	●	■	●
<input checked="" type="checkbox"/> Levels within 1½"	●	●	●	○	●
<input checked="" type="checkbox"/> ¾" call buttons	●	●	●	■	●
<input checked="" type="checkbox"/> Visual signal when call answered	●	●	●	○	●
<input checked="" type="checkbox"/> 2½" minimum hall lanterns	●	●	●	○	●
<input checked="" type="checkbox"/> Audible hall signals	●	●	■	○	■
<input checked="" type="checkbox"/> Raised characters	●	●	■	○	■
<input checked="" type="checkbox"/> 32" clear opening doors	36" minimum	36", 42", 48"	36" minimum	Varies	36"
<input checked="" type="checkbox"/> Doors open and close automatically	●	●	●	○	■
<input checked="" type="checkbox"/> Reopen automatically	●	●	●	○	■
<input checked="" type="checkbox"/> Photo eyes: height above floor	5", 29"	5", 29"	4½", 29½"		
<input checked="" type="checkbox"/> Control buttons: Mounted height	35"-54"	35"-54"	35"-54"	35"-54"	35"-54"
<input checked="" type="checkbox"/> Emergency controls mounted at bottom	■	■	■	■	■
<input checked="" type="checkbox"/> Time from notification to door closing adjustable	●	●	●	○	
Residential/capacity		●		● 450 lbs.	● 500-700 lbs.
Commercial/capacity	● 1500-4500 lbs.	● 2000, 4000 lbs.	● 2000+ lbs.		
Operation: Electric	■		■	●	●
Hydraulic	■	●	■		
Maximum rise	By model	60'	By model	50'	By model
Penthouse required	● (electric only)	○	● (electric overhead)	○	○
Depth of jack hole	Rise + 2'	Rise + 2'	● hydraulic		○
Car size	Varies	51" x 68"	51" x 68"	36" x 48"	36" x 48"

● Standard
 ■ Optional
 ○ Not available
 ANSI A117.1 1980 Standard

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VERTICAL WHEELCHAIR LIFTS (page one of two)

\$2850-\$11,000
COST RANGE

14 DIVISION
21 SUBDIVISION

NOTE: Wheel chair lifts are not covered in depth by ANSI 117.1. A17.1 is currently being amended to include these lifts. Refer to local codes for use restrictions.	Bud Industries 100 Pulaski St. West Warwick, RI 02893 B650: Whisper Lift (For Vehicles)	Coach & Equipment Sales Corp. Box 36 Penn Yan, NY 14527 Senes IV C&E IV Power Lift (For Vehicles)	Don-O-Lift Inc. P.O. Box 4 Burnt Hills, NY 12027 1001 Passive Lift (For Buses)	Toce Brothers Mfg. Ltd. P.O. Box 489 Broussard, LA 79518 Wheel-o-vator	American Stair-Glide Corp. 4001 East 138th St. Grandview, MO 64030 41, 51, 71, 91: Porch Lift®	American Mfg. Co., Inc. P.O. Box 1237 Tacoma, WA 98401 Hydraulic Platform Only AMO, HL, CHL, AML Series
Maximum height		26"	36"	72"	96"	60"
Capacity	700 lbs.	750 lbs.	1,000 lbs.	500 lbs.	400 lbs.	500 lbs.
Exterior use	●	●	●	●	●	●
Interior use	●		●	●	●	●
Electric	12V		12V 200A	110V	110V 7A	●
Hydraulic	●	●	●			●
Drive train	Hydraulic piston	Hydraulic piston	Hydraulic piston	Acme screw	Screw	Scissor mechanism
Transfer from wheelchair required	○	○	○	○	○	○
Platform size	30" × 41"	34" × 44"	31" × 44"	36" × 48"	36" × 48"	42" × 62"
Occupied floor space			28" × 36"	56" × 60"		
Lower level ramp	●	●	●	●	Model 41 only	○
— Automatically lowered	Auto. model only	●	●	●	●	
If obstructed (underside), will stop	○	■	●	■	●	○
Upper gate	○	○	●	■	■	■
— Electronically locked	○	○	●	■	■	■
Lower safety gate	○	○	○	■	○	■
— Electronically locked	○	○	○	■	○	■
Controls: Activating	Porch button	Toggle switch	Toggle switch	Toggle switch	Key, toggle switch	Key
Deadman	●	●	●	●	○	●
Manual overdrive for emergency use	●	■	●	●	■	■
Lift levels ± 1/2"	○	●	●	●	●	
Foundation required	●	○	Transit bus design	Attach to concrete	Flat concrete	
Bridge available	○	■		■	■	



KEY: ● Standard
 ■ Optional
 ○ Not available
 ANSI A117.1 1980 Standard

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(manufacturers continued)

10145

VERTICAL WHEELCHAIR LIFTS, manufacturers continued (page two of two)

14

21

	R. J. Mobility Systems, Inc. 715 S. Fifth Ave. Maywood, IL 60153 All American	The Cheney Co., Inc. 3015 S. 163rd St. New Berlin, WI 53151 HL-72 Hand-Lift	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613 PL 54-PL 144		
Maximum height	60''	72''	144''		
Capacity	1,000 lbs.	450 lbs.	500 lbs.		
Exterior use	●	●	●		
Interior use	●	●	●		
Electric		110V 6A	208V or 110V		
Hydraulic	●				
Drive train	Hydraulic piston	Ball screw	Roller chain		
Transfer from wheelchair required	○	○	○		
Platform size	36'' x 48'' or custom	35½'' x 50''	31'' x 48''		
Occupied floor space	46'' x 55''	52'' x 64''	48'' x 48''		
Lower level ramp	■	●	●		
— Automatically lowered	○	●	●		
If obstructed (underside), will stop	○	●	■		
Upper gate	●	■			
— Electronically locked	●	■			
Lower safety gate	●	○			
— Electronically locked	●	○			
Controls: Activating	■	Toggle switch	Key, push button		
Deadman	●	●	●		
Manual overdrive for emergency use	●	■			
Lift levels ± ½''	●	●			
Foundation required	6'' pit	○	5'' pit ■		
Bridge available	■	■			

● Standard
 ■ Optional
 ○ Not available

INCLINED WHEELCHAIR LIFTS (page one of two)

\$9000-\$11,000
COST RANGE

14
DIVISION

22
SUBDIVISION

NOTE: Wheelchair lifts are not covered in depth b, ANSI 117.1. A17.1 is currently being amended to include these lifts. Refer to local codes for use restrictions.	Garaventa (Canada) Ltd. 7505-134 A Street Surrey, British Columbia Canada V3W 7B3 Garaventa Wheelchair Lift	The Cheney Co., Inc. 3015 S. 163rd St. New Berlin, WI 53151 Cheney Wheelchair Lift III	The Filinchbaugh Co., Inc. 390 Eberts Lane York, PA 17403 Butler Wheelchair Lift	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613 Econol-Lift 200		
Interior	●	●	●	●		
Exterior	●			●		
Maximum length	100'	25'	40'	Unlimited		
Straight runs mandatory	○	●	●	●		
Transfer from wheelchair required	○	○	○	○		
Minimum stairway width	36"	36"	32"	36"		
Platform clear width	27"	28"	Stairway-7"	28"		
depth	36"	42"	48"	48"		
Lift folds to vertical	●	●	○	●		
Stairway space occupied folded	10"	12½"		10-16"		
Platform enclosed on four sides	○	■	■	○		
Stair usable by able-bodied when lift in lower position	■	●	●	●		
Rails Required to operate	2	1	2	1 or 2		
Attached to walls	■	■		●		
Attached to treads	■	■	●	●		
Power requirement	110V, 13A	220V, 8A	110V, 8A	110V, 15A		
Drive train	Cable-chain	Rack and pinion	Geared speed reducer	Chain		
Capacity	400 lbs.	350 lbs.	500 lbs.	350-450 lbs.		
Lower level ramp	●	●	■	●		
— Automatically lowered	○	●	■	●		
If obstructed, will stop	●	●	●	●		
Manual override for emergency use	●	○	●	○		

OTHER PRODUCTS

The following products do not fall directly under a specific category. General information is listed as well as the manufacturer who can offer additional specifications.

5.10 Steel gratings: expanded carbon sheet gratings for drainage

Bud Industries
100 Pulaski Street
West Warwick, RI 02893

8.12 Swing clear hinge: provides up to 2" more clear opening in existing doorways

Stanley Hardware
195 Lake Street
New Britain, CT 06050

8.12 100% clearance hinge: increases clear opening of existing doorways

Lawrence Brothers, Inc.
Sterling, IL 61081

8.17 Peterik vertical door opener: vertical crash or panic bar used to assist in opening doors

Peterik Corporation
6572 S.E. Lake Road
Milwaukie, OR 97222

8.18 SK-601 push button key: exterior electronic push button lock

Sendec Corporation
56 West Avenue
Fairport, NY 14450

10.00 Optima automatic flushing system: movement-sensitive valve for use with "no hands" toilet and urinal flushing systems

Sloan Valve Co.
10500 Seymour Avenue
Franklin Park, IL 60131

10.22 6275 handicapped conserver: floor mounted toilet, 18" above floor

Briggs
1500 N. Dale Mabry
Tampa, FL 33607

10.33 98-HC Trieste: accessible roll-in terrazzo shower base (Base only)

Stern-Williams Company
P.O. Box 8004
Shawnee Mission, KA 66208

14.00 Elevator control adapter: mechanically provides dual controls for all existing controls, except heat-sensitive types

Johnbo Nordic, Inc.
1320 6th Avenue South
Moorhead, MN 56560

15.12 Lever handle modification kit for drinking fountains: converts push button and other fountain types to lever-type

Haws Drinking Faucet Co.
4th and Page Streets
P.O. Box 1999
Berkeley, CA 94701

16.15 BG-6 manual pull station: pull-down handle activates alarm

Fire-Lite Alarms, Inc.
P.O. Box 823
New Haven, CT 06504

16.20 Custom made snow melting device: electrical subsurface coils for walks and ramps

Smith-Gates Corp.
1451 New Britain Avenue
Farmington, CT 06032

A.50 VR-1 voyager: TV and magnification lens enlargers used to enlarge prints and photographs so partially sighted people can read material projected on television screen

VISUALTEK
1610 26th Street
Santa Monica, CA 90404

LIST OF MANUFACTURERS

Ability Building Center Inc.
1911 NW 14th Street
Rochester, MN 55901

Acoustics Development Corp.
1850 Holste Road
Northbrook, IL 60062

Adams Rite Manufacturing Company
4040 South Capitol Avenue
City of Industry, CA 91749

AFW of North America
Bank of New York Building
Suite 311
Olean, NY 14760

Aluminum Tube Railings, Inc.
430 Madera Street, Box 118
San Gabriel, CA 91778

American Communication Corp.
180 Roberts Street
East Hartford, CT 06108

American Dispenser Co., Inc.
325 Gotham Parkway
Carlstadt, NJ 07072

American Manufacturing Co., Inc.
2119 Pacific Avenue
P.O. Box 1237
Tacoma, WA 98402

American Mason Safety Tread Co.
Wallman Street
Lowell, MA 01851

American Stair Glide
4001 East 138th Street
Grandview, MO 64030

Aquarius Industries, Inc.
6401 Centennial Boulevard
Nashville, TN 37209

ASSA, Inc.
1461 Lunt Avenue
Elk Grove, IL 60007

Besam Inc.
50 Lake Drive
East Windsor, NJ 08520

Julius Blum and Co., Inc.
P.O. Box 292
Carlstadt, NJ 07072

Bobrick Washroom Equipment, Inc.
11611 Hart Street
North Hollywood, CA 91605

R. H. Boehm Co., inc.
2625 Lathrop Avenue
Racine, WI 53405

Bradley Corporation
P.O. Box 309
Menomonee Falls, WI 53051

Bradley Corporation
Washroom Accessories Division
Church and Fellowship Roads
Moorestown, NJ 08057

J. G. Braun Company
7540 McCormick Boulevard
Skokie, IL 60076

The Braun Corporation
1017 South Monticello Street
Winamac, IN 46996

Briggs
P.O. Box 22622
Tampa, FL 33622

Brookline Industries
Handicapped Door Hardware Division
6800 South Chicago Avenue
Chicago, IL 60637

Bud Industries, Inc.
100 Pulaski Street
West Warwick, RI 02893

BWN Industries
1849 Business Center Drive
Duarte, CA 91010

The Cheney Co.
3015 South 163rd Street
New Berlin, WI 53151

The Chicago Faucet Company
2100 South Nuclear Drive
Des Plaines, IL 60018

Coach and Equipment Sales Corporation
Box 36
Penn Yan, NY 14527

Conco Industries Inc.
30 Water Street
P.O. Box 150
West Haven, CT 06516

CraneVeyor Corp.
1524 Potrero Avenue
P.O. Box 3727
South El Monte, CA 91733

Dimensional Graphics, Inc.
222 West Huron Street
Chicago, IL 60610

Dor-O-Matic
Division of Republic Industries, Inc.
7350 West Wilson Avenue
Chicago, IL 60656

Don-O-Lift, Inc.
P.O. Box 4
Burnt Hills, NY 12027

Dover Corporation
Elevator Division
P.O. Box 2177
Memphis, TN 38101

Earl's Stairway Lift Corporation
2513 Center Street
Cedar Falls, IA 50613

EBCO Manufacturing Company
265 North Hamilton Road
Columbus, OH 43213

Eljer Plumbingware
Division Wallace Murray Corp.
Three Gateway Center
Pittsburg, PA 15222

Ellison Bronze Co., Inc.
125 West Main Street
Falconer, NY 14733

Filtrine Manufacturing Co.
1 Main Street
Hamisville, NH 03450

Fire-Lite Alarms
P.O. Box 823
New Haven, CT 06504

Fleetwood Furniture Company
25 East Washington Street
P.O. Box 58
Zeeland, MI 49464

Flinchbaugh Co., Inc.
390 Eberts Lane
York, PA 17403

Garaventa (Canada) Ltd.
6505 134A Street
Surrey, British Columbia
Canada V3W 7B3

Gaylord Brothers, Inc.
P.O. Box 4901
Syracuse, NY 13221

G.E.G. Pool Lift, Inc.
P.O. Box 282
King of Prussia, PA 19406

Georgia Marble Co.
P.O. Box 8
Nelson, GA 30151

General Partitions Manufacturing Corp.
1702 Peninsula Drive
P.O. Box 538
Erie, PA 16505

Glynn-Johnson
4411 Ravenswood
Chicago, IL 60640

Gyro Tech, Inc.
6750 Industrial Loop
Greendale, WI 53129

Hamilton Industries
1316 18th Street
Two Rivers, WI 54241

Haws Drinking Faucet Company
4th and Page Streets
P.O. Box 1999
Berkeley, CA 94701

Horton Automatic
Division of Overhead Corporation
4242 Baldwin Boulevard
Corpus Christi, TX 78405

Humphrey Inc.
9212 Balboa Avenue
San Diego, CA 92123

Inclinator Company of America
2200 Paxton Street
P.O. Box 1557
Harrisburg, PA 17105

The Interior Steel Equipment Co.
2352 East 69th Street
Cleveland, OH 44104

JG Furniture
121 Park Avenue South
Quakertown, PA 18951

Johnbo Nordic, Inc.
1320 6th Avenue South
Moorhead, MN 56560

Just Manufacturing Company
9233 King Street
Franklin Park, IL 60131

Kawneer Company, Inc.
1105 North Front Street
Niles, MI 49120

Keane Monroe Corporation
Corner Broome and Mason Streets
P.O. Box 1071
Monroe, NC 28110

Krown Research Inc.
10331 West Jefferson Boulevard
Culver City, CA 90230

Lawrence Brothers Inc.
Sterling, IL 61081

LCN Closers
P.O. Box 100, Railroad Avenue
Princeton, IL 61356

Litho/Color, Inc.
840 West Baltimore
Detroit, MI 48202

Lumex Inc.
100 Spence Street
Bay Shore, NY 11706

MCC Powers Process Controls
3400 Oakton Street
Skokie, IL 60076

Metpar Steel Products Corp.
95 State Street
Westbury, NY 11590

R.J. Mobility Systems
Mobility Systems Products
715 South 5th Avenue
Maywood, IL 60153

Mohawk Engraving Co., Inc.
P.O. Box 966
Schenectady, NY 12301

Monogram Ind., Inc.
1945 East 223rd Street
Long Beach, CA 90810

J.E. Nolan & Company, Inc.
P.O. Box 43201
Louisville, KY 40243

Norton Door Controls/Reed Exit Devices
Security Products Division
P.O. Box 25288
Charlotte, NC 28212

Otis Elevator Company
One Farm Springs
Farmington, CT 06032

Pemko Manufacturing Co.
1360 59th Street
P.O. Box 8216
Emeryville, CA 94662

Peterik Corporation
6572 S.E. Lake Road
Milwaukie, OR 97222

Power Access Corporation
P.O. Box 139
Eatontown, NJ 07724

Prentke Romich Co.
R.D. 2 P.O. Box 191
Shreve, OH 44676

Processed Signs & Display Co., Inc.
Edson Street
P.O. Box 372
Amsterdam, NY 12010

RAR Enterprises, Inc.
P.O. Box 2543
Houston, TX 77001

Reading Door Closer Corporation
P.O. Box AC
Reamstown, PA 17567

Ribley & Harppinger, Inc.
3702 State Street
Schenectady, NY 12304

Rudd International Corporation
1066 31st Street, NW
Washington, DC 20007

Sargent & Company
100 Sargent Drive
New Haven, CT 06509

Schindler Haughton Elevator Corp.
671 Spencer Street
P.O. Box 780
Toledo, OH 43695

Schlage Lock Company
P.O. Box J324
San Francisco, CA 94119

Sendec Corp.
54 West Avenue
Fairport, NY 14450

Seton Name Plate Corp.
3896 Boulevard
New Haven, CT 06505

Sloan Valve Company
10500 Seymour Avenue
Franklin Park, IL 60131

Smith-Gates Corporation
1451 New Britain Avenue
Farmington, CT 06032

Specialized Systems, Inc.
11558 Sorrento Valley Road, Bldg. No. 7
San Diego, CA 92121

Stanadyne, Inc.
377 Woodland Avenue
Elyria, OH 44036

Stanley Magic Door
Division of The Stanley Works
Route 6 and Hyde Road
Farmington, CT 06043

The Stanley Works
P.O. Box 1800
New Britain, CT 06050

Stern-Williams Company, Inc.
P.O. Box 8004
Shawnee Mission, KS 66208

Stranco
P.O. Box 389
Bradley, IL 60915

Sunroc Corporation
Route 452
Glen Riddle, PA 19037

Target Industries, Inc.
55 Newberry Road
Warehouse Point, CT 06088

Toce Brothers Manufacturing, LTD
P.O. Box 489
Broussard, LA 79518

Total Mobility Systems & Designs
4060 Stewart Road
Eugene, OR 97402

Tubular Specialties Mfg., Inc.
13011 South Spring Street
Los Angeles, CA 90061

Universal-Rundle Corporation
217 North Mill Street
New Castle, PA 16103

U.S. Mat & Rubber Company, Inc.
P.O. Box 152
Brockton, MA 02403

VISUALTEK
1610 26th Street
Santa Monica, CA 90404

Von Duprin, Inc.
400 West Maryland Street
Indianapolis, IN 46225

V.S.C. Corporation
1111 Tower Road
Schaumburg, IL 60195

Wayne Corporation
Industries Road
P.O. Box 1447
Richmond, IN 47374

Western Drinking Fountains
Box 2056
San Leandro, CA 94577

Whirlpool Corporation
2000 U.S. 33 North
Benton Harbor, MI 49022