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#### **ABSTRACT**

This catalog is intended t 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, clevators, 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.



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## 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.
- O 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.



	HANDRAILS							
	CraneVeyor Corp. 1524 Potrero Ave. P.O. Box 3727 South El Monte, CA 91733 C4400: C-V Stainless Pipe Rail	CraneVeyor Corp.	CraneVeyor Corp.  C-V Pipe Baluster Rail	Aluminum Tube Railings, inc. 430 Madera St. Box 118 San Gabriel, CA 91778	AFW of North America Suite 311 Bank of New York Building Olean, NY 14760	P.O. I Carlstadi ———	m & Co., Inc. Box 292 t, NJ 07072	
					Handrails	Carisrai	it <sup>®</sup> System	
Outside diameter 11/4"-11/2"	0	<u> </u>	•	0	•		•	
Distance from wall 1½"	•	•		•			•	
Material	Stainless steel	Aluminum	Aluminum	Aluminum	Stainless steel	Alur	minum	
Colors available	0	•	•	•	0		0	
On-site welding required	0	0	0	0	•		0	
Intermediate rails available	1-4	1-4 and picket	Picket rail			As re	equired	
Adaptable to any slope	•	•	•	•			•	
Post-hole mounting				8			R	
Floor mount base		7						
Side mount								
Wall bracket		<u></u>		E E				
Parts and labor warranty	•	•	•	•	•		0	
		,,						

Standard

Standard

Optional
O Not available

ANSI A117.1 1980 Standard

EXTERIOR DOORS	S/ENTRANCES					8 DIVISION	St
	BWN Industries 1849 Business Center Dr. Duarte, CA 91010	Kawneer Company, Inc. 1105 North Front St. Niles, MI 49120 Series 800: Barrier-Free Manual Entrance	Eilison Bronze Co., Inc. 125 W. Main St. Falconer, NY 14733				•
Door size req. to achieve 32 clear opening	Sgl7'31/2", bi-part.12'31/2'	36"	42''				
Door type	Sliding	Side hung	Balanced				
Complete (door hardware, glass)	•	•	•		<del>                                     </del>		
Standard hardware accessible		0	•	_			
Bottom rail height	6''	9''	9:′				
Kick plate	0						
Material: door and jamb	Aluminum	Aluminum	Alum, stainless, wood				
Tempered glass	0		•				
Manual closer	0	S		<del> </del>			
Power closer	8	1			<del> </del>		
	+				+		
		<del></del>					
				<del></del>			
	-						
	+						
					-		
	-						
				- <del>-</del>			
<del></del>	<del>                                     </del>				<u> </u>		
	-				<u> </u>		
<del></del>							
2 Observation						15	
Standard  KEY: Optional O Not available  O Not available	) Standard					£0 —	

ACCESSIBLE TH	IRESHOLDS					8 DIVISION	11 SUBDIVISIO
	Pemko Manufacturing Co. 1360 59th St. P.O. Box 8216 Emcryvilie, CA 94662	Pemko Manufacturing Co.	Pemko Manufacturing Co.	Pemko Manufacturing Co.	Kawneer Company, Inc. 1105 North St. Niles, MI 49120		
	200A: Panic Type Saddle	174A: Carpet Edge	171AFG: Thermal Barrier Saddle	276A (Aluminum), 273-4B (Bronze)	Senes 800		
Height: 1/2" side hung doors	3∕6′′	₹''	1/2''	1/4''	1/2''		
34" sliding doors							
Beveled: 1 to 2 slope	•	•	0	•	•		
Type of door	Side hung, balanced	Side hung, balanced	Side hung, balanced	Side hung, balanced	Side hung, balanced		
Material	Aluminum	Aluminum	Aluminum	Aluminum, bronze	Aluminum		
Exterior use	•		•	•	•		,
Interior use		•		•	•		
Thermal barrier	0	0	•	. 0	0		
		,					
							<u> </u>
				-			
			<u> </u>				<del></del>
-					,		

Standard
Optional
O Not available ANSI A117.1 1980 Standard

POWER OPERATORS	S FOR DOOF	<b>is</b>			<b>\$500-\$6000</b> COST RANGE	B 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	BWN industries 1849 Business Center Dr. Duarte, CA 91010	Power Access Corp. 444 E. Industrial Park Dr. Manchester, NH 03103	Gyro Tech, Inc. 6750 Industrial Loop Greendale, WI 53129	Gyro Tech, Inc.	Horton Automatic Overhead Door Company 4242 Baldwin Blvd.	Horton Automatic
door must have guardrails, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.	ADW Automatic Operator	4300 Power Access Door Opener	G.T. System 100 Gyro Swing	G. T. System 300, 400 Gyro Swing	Corpus Christi, TX 78405 Automatic Sliding Doors	7000 Easy Access
Adjustable opening time (3 sec. or more)	0	6 sec	2-30 sec	2-30 sec	1½-3 sec	3-8 sec
Door exerts less than 15 lbs. pressure	•	•			0	•
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	•	•	•	•	u u	•
Hydraulic				<del></del>		
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	•	•	0	0	0	•
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		•	0	0	0	•
Security lock when power on	•	•	•	•	•	•
If door is locked and operator is activated					Circuit breaker releases	Opening signal canceled
	•				•	
Door closes by: power	· i	•				

POWER OPERATO	RS FOR DOOR	S, description contin	ued			8	14./
•	BWN industries 1849 Business Center Dr. Duarte, CA 91010	Power Access Corp. 444 E. Industrial Park Dr. Manchester, NH 03103	Gyro Tech, Inc. 6750 Industrial Loop Greendale, WI 53129	Gyro Tech, Inc.	Horton Automatic Overhead Door Company 4242 Baldwin Blvd. Corpus Christi, TX 78405	Horton A	utomatic
	ADW Automatic Operator	4300 Power Access Door Opener	G. T. System 100 Gyro Swing	G. T. System 300, 400 Gyro Swing	Automatic Sliding Doors	7000 Eas	sy Access
Activated by: Push button in wall		6			2		
Firsh button on door jamb		· .					
i ush button on door	2		0				
Photoelectric eye		2	5	*			
Movement sensing			8				
Floor contact mat							
Radio control							
Operator mounted: On door							
On frame	•		•	•	•		
Parts and labor warranty	5 yr. parts, 1 yr. labor	1 year	1 year	1 year	1 year	1 y	ear
Meets BHMA 1601 and ANSI A156.10 1979	•	•	•	•	•	Low	energy
Standard  KEY- M Optional O Not available					(manufacturers co	ntinued)	

POWER OPERATOR	S FOR DOOF	15, manufacturers co	ontinued	_		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	<b>Besam, Inc.</b> 50 Lake Drive East Windsor, NJ 08520	Besam, Inc.	Besam, Inc.	Besam, Inc.	R. H. Boehm Co., Inc. 2625 Lathrop Ave. Racine, WI 53405	Reading Deo Reamstown	r Closer Corp
criteria cannot be met, then the power operated door must have guardralls, markings, and meet the other requirements of ANSI A156.10 1979 and BHMA 1601.	. 3000	150 & 200: Есопо-Swing	50: Wind Breaker	300 & 350: Swing Master	1000: Power Swing	1110: Ac	cess Free
Adjustar. 'n opening time (3 sec. or more)	0-5 sec.	0-3 sec.	0-21/2 sec.	0-2½ sec.	1½-3½ sec.	3-20	sec.
Door exerts less than 15 lbs. pressure	•	•	•				300.
Type of door operator can be used on	Sliding	Side hung	Balanced	Side hung	Side hung, balanced		hung
New installations	•	•	•	•	•	Oldo	nung
Existing Installations		•		•	•		•
Maximum door width	79''	42''	42''	42''	. 42"	54	
Maximum door weight	330 lbs.			-	150 lbs.	5	
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						701	
Angle door opens to		90°	90°	90°	90°		
Interior use	•	•	•	•	90	90°-	
Exterior use	•	•	•				
Hold-open time adjustable	0-45 sec.	0-30 sec.	0-30 sec.	0-30 sec.	0-30 sec.		
Door stops if obstructed	•		0	0-50 sec.	0-30 Sec.	0-120	
Door exerts more than 15 lbs. pressure if obstructed				•			· <del></del>
Power failure: Force needed to open	50 lbs. maximum	14 lbs.	4 lbs.			<del></del>	
Force adjustable			T 103.		10 lbs.		
Security lock when power on	•	•			•	<u>_</u>	<del></del>
If door is locked and operator is activated	Override and shut off	Automatic shut off	Automatic shut off	Automatic shut off	Adam adalla		) —————
Door closes by: Power	and one of	- Mornado Silut Oli	Automatic Shut Oil	Automatic shut off	Motor stalls	No dai	mage
Spring	•	•	•	•	•	•	

Optional
Not available ANSI A117.1 1980 Standard

(description continued)

POWER OPERATOR	RS FOR DOOF	RS, description contin	ued			8	14.B
	Besam, Inc. 50 Lake Drive East Windsor, NJ 08520	Besam, Inc.	Besam, Inc.	Besam, Inc.	R. H. Boehm Co., Inc. 2625 Lathrop Ave. Racine, WI 53405	Reading Doo Reamstown	or Closer Corp. n, PA 17567
	3000	150 & 200: Econo-Swing	50: Wind Breaker	300 & 350: Swingmaster	1000: Power Swing	1110: Ac	cess Free
Activated by: Push button on wall							
Push button on door jamb	16			#			
Push button on door				8		<u>†                                     </u>	
Photoelectric eye			22				
Movement sensing		11					
Floor contact mat							
Radio control			·		. 15	1	
Operator mounted. On door						1	
On frame	•	•	•	•	•		•
Parts and labor warranty	1 year	1 year	1 year	1 year	1 year	1 y	/ear
Meets BHMA 1601 and ANSI A156.10 1979	•	•	•	•	•		

ERIC Full Text Provided by ERIC

Standard

OptionalNot available

(manufacturers continued)

NOTE: For "low or orgy" side hung installed	S FOR DOO!	manufacturers cor	ntinued 			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	Keane Monroe Corp. P.O. Box 1071 Monroe, NC 28110	Keane Monroe Corp.	Keane Monroe Corp.	Stanley Magic Door Division of the Stanley Works Rt. 6 and Hyde Rd. Farmington, CT 06032	Stanley Magic Door	Stanley M	lagic Door
other requirements of ANSI A156.10 1979 and BHMA 1601.	7000: Slideaway Entrance	K-M 2000: Transo n	100: Light Duty Operator	Magic Swing®	4600/8000: Auto-Slide®	Pneumatio	C Ooerator
Adjustable opening time (3 sec. or more)	0	2-20 sec.	0-6 sec.	1½ sec.	1 <sup>1</sup> / <sub>5</sub> sec.	11/2-30	0 sec.
Door exerts less than 15 lbs. pressure		•	•		•	•	<u> </u>
Type of door operator can be used on	Sliding	Side hung, balanced	Side hung	Side hung	Sliding	Side hun	g, sliding
New installations	•	•	•	•	•		
Existing installations		•	•	•			•
Maximum door width	48′′	60''	48′′	44''	44''	14	4′′
Maximum door weight	300 lbs.	500 lbs.	110 lbs.	250 lbs.	160 ibs.	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						901	bs.
Angle door opens to		90°	90°	100°		10	
Interior use	•	•	•	•	•		<del></del>
Exterior use	•	•	Residential only	•	•		<u> </u>
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	•			9			
Power failure: Force needed to open	15 lbs.	15 lbs.	7 lbs.	24 lbs. maximum	12 lbs.	24	 bs.
Force adjustable	0	•	0	0	0		
Security lock when power on	•	•	0	0	•		)
If door is locked and operator is activated	Must retract bolt	Overload switch secures	Stalls	Nothing	Circuit breaker opens	Noth	
<del></del>							···' <del>o</del>
Door closes by: Power	•		•	1	•		i

POWER OPERATOR	RS FOR DOOR	S, description contri	nued			8	14.C
	Keane Monroe Corp. P.O. Box 1071 Monroe, NC 28110	Keane Monroe Corp.	Keane Monroe Corp.	Stanley Magic Door Division of the Stanley Works Rt. 6 and Hyde Rd. Farmington, CT 06032	Stanley Magic Door	Stanley M	lagic Door
	7000: Slideaway Er nce	K-M 2000: Transom	100: Light Duty Operator	Mag o Swing®	Auto-Slide*	Pneumati	c Operator
Activated by: Push button on wall				•			
Push button on door jamb			5				
Push button on door							
Photoelectric eye	2					ı	
Movement sensing			•				
Floor control mat						ı	
Radio control			•				
Operator mounted: On door							
On frame		•	8	•		•	•
Parts and labor warranty	1 year	1 year	1 year	1 year	1 year	1)	ear
Meets BHMA 1601 and ANSI A156.10 1979	•	•	•	•	•		0
,- <u>-</u>							
•							

StandardOptionalNot available

POWER OPERATOR	S FUR DUU	manufacturers of	continued			8 DIVISION	14.D
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	Dor-O-Matic	Dor-O-Matic	Dor-O-Matic		S.VICION .	1 00001110
BHMA 1601.	B6600-96600: Astro-Swing	466000-566000: Handi-Swing	Easi-Swing	8000,88000, 98000: Astro-Slide			
Adjustable opening time (3 sec. or more)	1 <sup>3</sup> / <sub>10</sub> -1 <sup>7</sup> / <sub>10</sub> sec.	4-5 sec.	4-5 sec.	1½-4 sec.			
Door exerts less than 15 lbs. pressure		•	•				
Type of door operator can be used on	Side hung, balanced	Side hung	Side hung	Sliding			
New instaliations	•	•	•	•			
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			
—E'acric				1100 0%	<del></del>		
— 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	•	•	6	2 20 300.			
Door exerts more than 15 lbs. pressure if obstructed	•						
Power failure: Force needed to open	14 lbs.	14 " s.	9 lbs.	40 lbs. Breakaway	<del></del>		
Force adjustable	0	0	0	O O			
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	narri	THE MY OPEN, ION POWER	mes to open, low power	Not recommended			
Spring	•		•		•		

Optional
Not available
ANSI A117.1 1980 Standard

## **POWER OPERATOR** 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

StandardOptional

Alma minilable | | Association of the

FOR DOOR	S, description contin	nued		8	14.[
Dor-O-Matic Division of Republic Industries, Inc. 7350 W. Wilson Ave. Chicago, IL 60656	Dor-O-Matic	Dor-C-Matic	Dor-O-Matic		
Astro-Swing	Handi-Swing	Easi-Swing	Astro-Slide		
			**		
			•		
	•				
	9				
		a	•		
•	•	•	•		
1 year	1 year	1 year	1 year		
•	•	•	•		
					•

POWER ASSISTS FO	OR DOORS			<b>\$600-\$1000+</b> COST RANGE	8 DIVISION	SU
NOTE: Assists neutralize or reduce the closing force exerted on the door by the closer. Assists do not automatically open doors.	R. H. Boehm Co., Inc. 2625 Lathrop Ave. Racine, WI 53405	LCN Cinsers Railroad Ave. Princeton, IL 61356	Reading Door Closer Corp. Reamstown, PA 17567			
	110: Safe-Swing	4920, 4910: Surface mount 5910, 2910: Concealed Mount LCN Equalizer	1140: Lite Touch			
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung			
New installation	•	•	•			
Existing installation	•	•	•			
Power: Electric	•		-			
Hydraulic						
Pneumatic		•	•	<del></del>		
Air pressure required		80 lbs.	70 lbs. minimum	<del></del>		
Interior use	•	•	•		<del> </del>	
Exterior use	•	•	•		<del> </del>	
Minimum opening force	"Zero" lbs., adjustable	5 lbs.	1 to 4 lbs.	<del> </del>		
Length of time active	0-30 sec.	3-30 sec.	0-120 sec.			
Power failure: Force needed to open	5 lbs., adjustable	14 lbs., adjustable	Adjustable	<del> </del>		
Activated by: Push button	•	<b>8</b>		<del> </del>		
Floor contact mat	#					
Pushing door lightly	193	25	•	<del>-</del>		
Movement sensor		•				
Hold-open time adjustable	9-30 sec.	3-30 sec.	0-120 sec.	 <del></del>		
Parts and labor warranty	1 year	2 years, parts	1 year	<del> </del>		
Meets BHMA 1601	•	0	. ,,			
				<del></del>		
				 <del> </del>		
Standard KEY: Optional						_

MANUAL DOOR CL	OSERS (page on	e of two)			<b>\$90-\$100</b> COST RANGE	8 DIVISION	16 SUBDIVISION
NOTE: Manual door closers are designed to provide low opening forces.	LCN Closers Railroad Ave. Princeton, IL 61356	LCN Closers	LCN Closers	LCN Closers	LCN Closers		
	4041: Super Smoothee	4040: Super Smoothee	4020: Del, Surface	4010: Del, Surface	4110: Del, Surface	<u> </u>	
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	•	•	•		•	<u> </u>	
Pull side	•	•		•			
On jamb	●, push side only	•	•				
On door	•	•		•	•		
Closer: Spring	•	•	•	•	•		
Hydraulic							
Adjustable: Sweep speed	•	•	•	•	•		
Latch speed	•	•	•	•	•		
Back check cushioning	•	•	0	0	0		
Closing force	3-8 lbs.	8-15 lbs.	Only small adjustments possible	- 100 to 150% of spring size us	sed. Spring size must be specified.	<u> </u>	
Held ope: arm	B.		<b>M</b>	8			
Fusible link	0	0	20	Ħ			
Finishes				8	2		
Metal cover		•		2			
Parts and labor warranty	5 years, parts	5 years, parts	5 years, parts	5 years, parts	5 years, parts		
·							

KEY: M Optional

Standard

O Not available

MANUAL DOOR (	CLOSERS, manufa	acturers continued (page tw	o of two)		8	16
	Norton Door Controls P.O. Box 25288 Charlotte, NC 28212	Reading Door Closer Corp. Reamstown, PA 17567	Reading Door Closer Corp.			L
		7600: Full Range Door Closer	4600 EA: Easy Access			
Type of door used on	Side hung, balanced	Side hung, balanced	Side hung			
Interior use	•	•	•			
Exterior use	•	•	•			
Handed						
Non-handed	•	•	- 9		<del></del>	
Mounted: Push side	•	•	•			
Pull side	•	•	•		1	
On jamb	•	6	•			
On door	•	•	•			
Closer: Spring		•	•			
Hydraulic	•	•	•			
Adjustable: Sweep speed	•	•	•	<del>-</del>		
Latch speed	•	•	•		<del></del>	
Back check cushioning	•	•	0		<del></del>	
Ciosing force	, by model	3-14 lbs.	2-8 lbs.			
fold open arm	II.					
usible link	0	0	0			
inishes	16					
Metal covers		•	•			
arts and labor warranty	•	5 years	5 years			

Standard
Optional
O Not available

	DOOR HANDLES A	AND PANIC DE	VICES (page one of	two)	<b>_</b>		8 DIVISION	17 SUBDIVISION
		Von Duprin, Inc. 400 W. Maryland St. Indianapolis, IN 46225 Model 33: Exit Device Push Bar	Adams Rite Mfg. Co. 4040 S. Capitol Ave. City of Industry, CA 91749 Series 8000: Push Bar Exit Device	Adams Rite Mfg. Co. 4590: Paddle	Glynn-Johnson 4422 Ravenswood Chicago, IL 60640 HL-6: Push Pull Latch	Sargent & Company 100 Sargent Drive New Haven, CT 06509 90 Series: Exit Devices	1461 L Elk Grove Vi 9565: Le	A, Inc. unt Ave. Ilage, IL 60007 ver Handle ce Lock
⊿[	Easily grasped	•	9	•	•	•		•
	Type of device	Panic device	Panic device	Push/Pull	Push/Pull	Panic device	Le	ever
	Knurled or textured surface	•	•	•	•	•		•
	Colors available	0	12		2	0		
	Locking or latching available	•	•	•	•	•		•
	Designed not to catch clothing			-				
	Length of lever arm						43	/4''
	Length and diameter of pull			5 <sup>2</sup> / <sub>5</sub> ''	41/2''/11/2''			
	Clearance from door surface			1.06"	2"			
	Material	Aluminum	Aluminum	Aluminum	Aluminum	Steel, alum., bronze	Bro	onze
	Panic device: Width of door	30′′-48′′	30′′-48′′			All		
	Force required to operate	15 lbs.	8 lbs.			20-25 lbs.		
	Customized	a)				iii		·
								-
								_

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DOOR HANDLES	AIND FAINIC DE	VICES, manufac	turers continued (page two	of tv/o)		8	17
	Schlage Lock Company P.O. Box 3324 San Francisco, CA 94119 Rollatch	Schlage Lock Company  Lever	Handicapped Door Hardware Division 6800 S. Chicago Ave. Chicago, IL 60637	Reed Exit Devices P.O. Box 25286 Charlotte, NC 28212 3050 Series			
Easily grasped	•	•	•	•			
Type of device	Push/Pull	Lever	Pull	Panic device			
Knurlad or textured surface	0	0	•	•			
Colors available	0	0	4	•			
Locking or latching available	•	•	0	•			
Designed not to catch clothing		•	•	•			
Length of lever arm		31/8′′					
Length and diameter of pull	8"/3", 11"/1½"		Length ■, ¾'' & 1''				
Clearance from door surface	2", 1%"		21/2''		<del>-</del>		
Material	Wood, steel	Wood, steel	Brass, bronze, alum.	Stainless steel, bronze	<del></del>		
Panic device: Width of door			All	To 48"			
Force required to operate				15 lbs.			<del>-</del>
Customized				<b>I</b>			
	+						
Standard  KEY: Optional  O Not available ANSI A117.1.15	42	L			43		

ANTI-SLIP FLOOR	COVERINGS			\$10-\$30/&q. yd. COST PANGE	9 DIVISION	10 SUBDIVISION
	Tubular Specialties Mfg., Inc. 13011 South Spring St. Los Angeles, CA 90061	U.S. Mat & Rubber Co., Inc. P.O. Box 152 Brockton, MA 02403 Global Tile	American Mason Safety Tread Co. Weliman St. Lowell, MA 01851 Mason 88			
ASTM-E84 flame spread rating 25 or less	•	0	•			
Applied by: Painting or spraying  Tile or sheet	•	•	•			
Interior use	#	•	•			
Exterior use	2		•			
Expected life span	10 years		10 years		<del></del> -	
Material	Emulsion resins	Synthetic Rubbers	Epoxy Al₂O₃ Abrasive			
Applied to ramp or stair	•	•	•			
Underlayment: Wood, metal, concrete	•	•	•			
Colors available	8					
Special colors or patterns		0	8			
<del> </del>						
<del></del>						
					<del>-  </del>	
					14	
					<b></b>	
<del></del>						
6						

KITCHEN APPLIA	ANCES					10 DIVISION	10 SUBDIVISION
	Whirlpcol Corporation Builder Marketing Administrative Center 2000 U.S. 33 North Benton Harbor, MI 49022 Microwave Ovens	Whiripool Corporation  Electric Ranges					
Controls: Easily grasped	•	•		<del></del>			<del></del>
On side or front		•					
Push button	•		<del></del>	<del></del> -	-		
Twist knobs		•					
Free standing	•	•					
Built-in							
Door hinges: At side	•						
On bottom		•					
							<del>-</del>
RIC • Standard							

KITCHEN SINKS					10 DIVISION	11 SUBDIV
	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 61/2" deep bowl	31/2''	Less than 6"				
Material	Stainless steel	Stainless steel				
Mounted with faucets 18" from front	0	0				
					, , , , , , , , , , , , , , , , , , , ,	
				,		
0						

LAVATORIES (page one of	f two)				<b>\$150-\$1000</b> COST RANGE	10 DIVISION	21 SUBDIVISION
	Eijer Plumbingware Wallace Murray Corp. Three Gateway Center Pittsburgh, PA 15222	Universal-Rundle Corp. 217 North Mill Street New Castle, PA 16103	Just Mtg. Co. 9233 King Street Franklin Park, IL 60131	Briggs 1500 N. Dale Mabry Tampa, FL 33622	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001		
	051-2964	4682-83	A-33338	664C, 6645: Grace	Various Models		
Blade faucets	•			——————————————————————————————————————	•		
Meets ANSI A117.1 1980 specs. (see diagram)	0	•	•	•	•	<u> </u>	
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''×27¼''	20"×27%", 3" apron	18"×20", 3" apron	20"×27", 3" apron	22"'×36"min. 41/2" apron		
Mirror				<u> </u>			<del></del>
Dispenser: Soap							
Towel					•		
Cup						<del>"</del>	
Waste receptacle					•		
Shelf							
Light							
Electrical outlet							
Chair carriers required	•	•	0	•	0		
Accessible Levatory Dimansions    O O O O O O O O O O O O O O O O O O							
Standard  Optional	50	<u> </u>			(manufacturers con		20

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O Not available ANSI A117.1 1980 Standard

50

(manufacturers continued) 51

LAVATORIES, manufact	urers 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		
Blade faucets	9	•	•			
Meets ANSI A117.1 1980 specs. (see diagram)	•	0	•	•		
Model type	Wall hung	Wall hung	Countertop	Semi-circular		
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel		
Size (width, length, apron depth)	18"×151/4", 4" apron	22"×15¼", 4" apron	171/8" × 113/4", 5" apron	5" apron		
Mirror	•		•	1		
Dispenser: Soap	•	•				
Towel	•		•			
Cup	•		n			
Waste receptacle	•		•			
Shelf						
Light	•		•			
Electrical outlet	•		•			
Chair carriers required	0	0	0	0		
Accessible Lavatory Dimensions						
*   0						
Lun 1 15 WAL						
MAX. 18 YO FAIREY		<u> </u>				
0 2						
		·				
27 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -						

Standard

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TOILET SEAT RIS	ERS				<b>\$40–\$60</b> COST RANGE	10 DIVISION SU	22 JBDIVISIO
	Lumex, Inc. 100 Spence Street Bayshore, NY 11706	Lumex, Inc.	Lumex, Inc.	Lumex, Inc.			
	6497: Adjustable Cushion Versa Height Toilet Seat	6490: Versa-Height Toilet Seat	6493: Cushioned Versa Height	6492			
Height seat raised	Adjustable	41/4''-51/2''	4¾''-6''	4¾′′-6′′		<del></del>	
Seat and riser separate	•	•	•			+	
Seat and riser one unit				•			
Attaches by mounting brackets	•	•	•	•			
Temporary attachment	•	•	•	•		+	
Seat material	Foam	Plastic	Foam with plastic cover	Plastic	+	<del> </del>	
Attachment material	Steel	Steel	Steel	Steel	<del> </del>	<del> </del>	
Attached while existing seat remains	0	•	•	•	<del> </del>	+	
					<del> </del>		
					<del> </del>		
Standard  Standard  Ottogal							

KEY: Optional
O Not available

RESTROOM STALL	PARTITIONS					10 DIVISION	23 SUBDIVISION
	General Partitions Mfg. Corp. 1702 Peninsula Drive P.O. Box 538 Erie, PA 16505	<b>Georgia Marble Co.</b> P.O. Box 8 Nelson, GA 30151	Metpar Steel Products Corp. 95 State Street Westbury, NY 11590	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605		Washroom nent, Inc.
		Marbalstal	FP-500, FT-700, CH-700	Toilet Compartment	1040 Series: Toilet Compartments	1030 Toilet Cor	Series: mpartments
Standard door with 36" wide stall	34''	24''	32''	32''	28''	2	8''
Standard door with 60" wide stall	36′′	36′′	34′′, 36′′ ■	38′′	32''	3	2''
Outswinging door	•	•	•	•	•		R
Latching device easily grasped	•	•	•	•	•		•
Mounting: Ceiling	<b>1</b>	12	22		3		<b>3</b>
Floor				=			N
Material composition: Steel/enamel	=						
Plastic laminate				•	•	• wi	ith steel edge
Marble		•					
Stainless steel							
Depth of stall			iii				
Coat hook mounted at 54"	57′′■	56′′■	57′′, 60′′, 72′′ <b>≡</b>	58′′	57", 8 '"	57''	, 84''
Partitions reinforced for grab bars		8	•	•	66''	6	6''
		Not required		•	•		•
		NOTE: Emergency access feature allows release of latch by lifting door. No tools are required.					
					_		

ERIC KEY: Standard Optional Ont available ✓ ANSI A117.1 1980 Standard

1.00 mg/s

	GRAB BARS (page one	of two)				\$11-\$90 COST RANGE	10 DIVISION	24 SUBDIVISION
		Lumex, Inc. 100 Spence Street Bayshore, NY 11706	Tubular Specialties Mfg., Inc. 13011 South Spring Street Los Angeles, CA 90061	Bradley Corporation Washroom Accessories Div. Church and Fellowship Rds. Moorestown, NJ 08057	Bradley Corporation			
_		4001, 4021: Decorator Grabs	Various Models	832, 837	812,817			
<u> </u>	Outside diameter 1¼''-1½''	1"	1¼'' (Q)-1½'' (H)	11/4′′	11/2''			
괴	Meets 250 lb. stress load	•	•	•	•			
☑ □	Does not rotate in fittings	•	•	•	•			
团	Wall dearance 11/2"	•		•	•			
	Mounting: Concealed			832	812			
	Exposed	•	25	837	817			
	Finishes	Versa-Guard	● Satin*	Satin, stainless steel	Satin, stainless steel			
	24" long	■ 4021	Q24, H24	■ 001-24′′	<b>3</b> 001-24''			
	36" long		Q36, H36	■ 001-36′′	■ 001-36′′			
	42" long		Q42m, H42m	■ 001-42′′	■ 001-42′′			
	48" long		Q48m, H42m	■ 002-48′′	理 002-48′′			
	48'' long		Q48cm, H42cm	■ 003-48′′	<b>003-48</b> ′′	-		
-	"L"shaped 36"×36"	65		■ 038-26′′	<b>5</b> 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 e.g. 832-001-24"  For 1½" clearance add suffix —  For safety grip surface add suffix  For safety grip surface and 1½" e.g. 832-001-24"-3  For safety grip surface and 1½" e.g. 832-001-24"-3	1, e.g 832-001-24''-1 2, e.g. 832-001-24''-2 clearance add suffix3,			
(3)	<b>3</b> Standard							

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GRAB BARS, manufacturers continued (page two of two)						10	2
	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, 1X 77001	Bobrick Washroom Equipment, Inc. i 1611 Hart Street North Hollywood, CA 91605				
	Various Models	14-17	B-490, B-5507, B-6106, B-6206				
Outside diameter 11/4"-11/2"	1¼''-1½''	1¼′′ 14•, 15-; 1½′′ 16-, 17-	1¼'' B-5507, B-490; 1½'' B-6206, B-6106				
Meets 250 lb. stress load	•	•	•				· <u>-</u>
Does not rotate in fittings	•	•	•				
Wall clearance 11/2"	■ Must specify	•	•				
Mounting: Concealed	10	<b>■</b> 15, 17-	■ B-5507, B-6206	-			
Exposed		<b>1</b> 4, 16-	■ B-490, B-6106				
Finishes	Smooth, safety guard	Safety finish, knurled	Satin, peened				
24" long	<b>R</b> 9035	₩ 24	■ 24				
36" long	■ 9055	36	■ 36				
42" long	■ 9075	■ 42c	■ 42				
48" long	■ 9065	■ 48c	<b>1</b> ×48				
48" long	9305	■ 48co	52′′¹				
"L" shaped,36" ×36"	9115		24'' × 24'' <sup>2</sup>				
	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)  NO1E: for peened îinish add suffix — 99, e.g. B-5507-99				
Standard  EY: Optional O Not available ANSI A117	.1 1980 Standard						

TOWEL DISPENSE	RS	,			\$30-\$250 COST RANGE	10 DIVISION	SUB
	Bradley Corporation Washroom Accessories Div. Church and Fellowship Roads Moorestown, N.J 08057	American Dispenser Co., inc. 325 Gotham Parkway Carlstadt, NJ 07072	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605	Bobrick Washroom Equipment, Inc.		
Manual out high a service d	Various Models	Various Models	406, 408, 410	Various Models	B-366		
Mounted with highest operating device 48" above the floor	•	•	•	•	•		
Operates by: Pulling individual towel	•	**	•	•			
Turning crank					7		
Pulling with two hands					₹.		
Continuous cloth, two hands							
Easily grasped knobs or controls					•		
				<del>                                     </del>	<del></del>	<del></del>	
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	<del> </del>						

HAND DRYERS					<b>\$200-\$325</b> COST RANGE	10 DIVISION	26 SUBDIVIS
	Bradley Corporation Washroom Accessories Division Church and Fellowship Roads Moorestown, NJ 08057 2921, 2931, 2901, 2911	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072 870 to 881: Electric Hand Dryers	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605 B200, B400	Humphrey, Inc. 9212 Balboa Ave. San Diego, CA 92123 HD02, HD03, HD04: Fastaire			
Easily operated with one hand	•	•	•	•			
Direction of air easily adjusted	•	•	•	•			
						<u> </u>	

LEVER OR BLADE	FAUCETS	<b></b>			<b>\$35-\$140</b> COST RANGE	10 DIVISION	27 SUBDIVISIO
	Eljer Plumbingware Wailace Murray Corp. Three Gateway Center Pittsburgh, PA 15222	Bradley Corp. Box 309 Menomonee Falls, WI 53051	The Chicago Faucet Co. 2100 S. Nuclear Drive Des Plaines, IL 60018	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001	R.A.R. Enterprises, Inc.	Stanad 377 Woo Elyria, C	yne, Inc. dlaud Ave. DH 44036
	559-1270, 559-2300, 559-2570	90-75: Metering Faucet	786-E3-WC	GN-4	PB-4	7500-780:1	Mo∉n/Chateat
Single lever							<b>)</b>
Blade faucet	•		•	•			
Push button		3 lbs. pressure			•		 •
Self-closing: Remains open at least 10 sec.		•			● 30 sec.		)
Location: Bathroom lavatory	•	•					
Kitchen sink							 3
Bathtub							 B
Shower							
O Standard							
Standard  KEY: Cptional O Not available	66				67		28

MIRRORS (page or	ne of two)			<del></del>		TU 20 SUBDIVISION
	Bradley Corp. Washroom Accessories Division Church and Fellowship Rds. Moorestown, NJ 08057	Bradley Corp.	Bradley Corp.	Bradley Corp.	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001	R.A.R. Enterprises, Inc.
	700, 705, 710, 715, 748	730, 735	740	741	ATMF+20	TMF-20
Tilted (Fixed)			•			•
Tilted (Adjustable)				•	•	
Flat	•	•				
Materiai: Stainless steel	•		•	•	•	•
Aluminum		•				
Shelf	0	○ 730, ● 735	0	0	•	•
Standard sizes	16"×20" tc 16"×36"	16"×20" to 16"×36"	16"×30" to 24"×36"	16"×20" to 16"×36"	16"×30" to 24"×36"	16"×30" to 24"×36"
			<del>                                     </del>			

Standar RIC KEY: Optiona O Not avai

MIRRORS, manufacturers continued (page two of two)								
	American Dispenser Co., inc. 325 Gotham Parkway Carlstadt, NJ 07072	American Dispenser Co., Inc.	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CA 91605	Bobrick Washroom Equipment, Inc.	Bobrick Washroom Equipment, Inc.			
	775-783	573, 582	B-290	B-292	B-293, B-294			
iited (Fixed)		● 573			<b>⊕</b> B-293			
Tited (Adjustable)		<b>•</b> 582			● B-294			
flat	•		•	•				
faterial: Stainless steel	•	•	•	6	•			
Aluminum								
helf	0	0	0	•	0			
tandard sizes	15½''×19½'' to 47½''×25½''	16"×30"	12"×18" to 48"×30"	16"×20" to 72"×24"	16"×24" to 16"×30"			
	77.2 77.207.2			10 10 10 12 124	10 ×24 10 10 ×30	<del></del> -		
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						<del></del>		
						-	<del></del>	



SOAP DISPENSE	RS				<b>\$20-\$36</b> COST RANGE	10 DIVISION	29 SUBDIVISIO
	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072	American Dispenser Co., Inc.	R.A.R. Enterprises, Inc. P.O. Box 2645 Houston, TX 77001	Bobrick Washroom Equipment, Inc. 11611 Hart Street North Hollywood, CP. 91605	Bobrick Washroom Equipment, Inc.		-
	Various Models	Various Models	6000 LD	B-116, B-12, B-11	B-822. B-832	•	
Dispensing method: Push button	•		•	•	•		
Lever handle		8					
Foot operated							
Can be operated with one hand	•	•	•	•	0		
Wall mounted		•		•			
Countertop	•		•		•		
Liquid	•	•	•				
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PREFAB SHOWER	R COMPARTME	NTS			<b>\$420-\$2150</b> COST RANGE	10 DIVISION	30 SUBDIVISION
	General Partitions Mfg. Corp. 1702 Peninsula Dnye P.O. Box 538 Erie, PA 16512	Metpar Steel Products Corp. 95 State Street Westbury, NY 11590	Universal-Rundle Corp. 217 North Mill Street New Castle, PA 16103	Georgia Marble Co. P.O. Box 8 Nelson, GA 30151	The Braun Corporation 1014 S. Monticello Street Winamac, IN 46996	6401 Cen	dustries, inc. tennial Blvd. , TN 37209
	Dcuble Wall Showers	SH-700: Handicapped Shower	6949/50	Showerstal	Roll-in Shower	9938-L	, 9938-R: ped Shower
Roll-in (no curb, maximum ½" drop)		3	•		•	напокарр	ed Shower
Transfer (4" curb maximum)	•	u			<u> </u>		
Interior Dimensions	34''×34''♠, 30''×30''■	34'' × 46"	60'' × 60''	As required	54''×54''		•
Transfer Model: Seat 17"-19" above floor	1	1	•	76 required	34 X34		×36''
Seat opposite controls	2	0	•	<del></del>			
60" flexible hose with hand held head		0		0	<b>S</b>		<u>'</u>
Blade handles	E	0	0	0			<del>}</del>
Material	Steel/enam., stainl. steel	Galv./stainl. steel	Fiberglass	Marble	Fiberglass		
Seat material	Wood, metal	Stainless steel	Redwd., stainl. steel		1 Delgiass		ylic
Controls mounted 38"-48" above floor	3		otanii oteei			- A	crylic
Grab rails 33''-36" above floor	2	•	•		•		<del>)</del>
Anti-scalding device		0	2	0			<del>}</del>
Soap tray	N	•			#		<u>,                                      </u>
Curtain rod	8	•	0	-	•		<u> </u>
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Standard  KEY: Doptional	74						20

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SHOWER FIXTURES	<b>S</b>	~~~			<b>\$50-\$140</b> 0 COST RANGE	10 DIVISION	31 SUBDIVISIO
	Bradley Corp.  Box 309  Menomonee Falls, WI 53051  HN200: Shower Module	MCC Dowers Process Controls 3400 Oakton Street Skokie, IL 60076 400, 410, 420: Hydroguard	Stanadyne, Inc. 377 Woodland Ave. Elyria, OH 44036 PL73141: MOEN	The Braun Corporation 1014 S. Monticello St. Winamac, IN 46996	Universal-Rundle Corp. 217 North Mill St. New Castle, PA 16103 6900/01 T&D, 6920/21 T&D, 6946/47T		
Single combination unit	•			•	•		
Individual units		•	•				
Hand held shower head with 60" flexible hose				•			
Anti-scalding device	•	•	•	•	<b>12</b>		
Curtain rod	•	0	•		0		
Soap tray	•	0			#		
Fixed shower head	•	8					
Blade faucet	•	0	•	•	0		
• Standard	·					<del></del>	

Standard
CEY: Standard
Optional
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ATTACHED S	HOWER SEATS	Y			<b>\$60-\$300</b> COST RANGE	10 DIVISION	32 SUBDIVISIO
	Georgia Marble Co. P.O. Box 8 Nelson, GA 30151	Bradley Corporation Washroom Accessories Div. P.O. Box 321 Moorestown, NJ 08057	Tubular Specialties Mfg., Inc. 13011 South Spring Street Los Angeles, CA 90061	11611 Hart St. North Hollywood, CA 91605	American Dispenser Co., Inc. 325 Gotham Parkway Carlstadt, NJ 07072		
		956, 9561	Vr rious Models	Various Models	Various Modéis		
Fold down seat		•		•	•		
Fixed seat	•				•		
Lbs. seat will support		500 lbs.			300 lbs.		
Shape: L-Shape		•	<b>B</b>	M.			<u> </u>
Rectangle	•			R			
Tnangle							<del></del>
Seat material	Marble	Naug. covered rubber	Stainl., wood, naug.	Stainl., wood, naug.	Stain!., wood, naug.		
Stainless steel frame	None required	•	•	•	0		
Stainless steel hinge	Chrome plated brass	•	•	•	•		
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BATHTUB SEATS	<b>3</b>				<b>\$63-\$400</b> COST RANGE	10 DIVISION	34 SUBDIVISION
	J.E. Nolan and Company, Inc. P.O. Box 43201 Louisville, KY 40243 Nolan Bath Chair Lift	Lumex, Inc. 100 Spence Street Bayshore, NY 11706 6945					
In-tub seat		•				<del> </del>	
Bath seat lift	•						
Temporary, portable installation	•	•					
Power source	Hydraulic water						
Maximum weight supported	300 lbs.	250 lbs.		<del>-</del>			
Material	Plastic, anodized alum.	Vinyl/aluminum					
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DILET FACILITIES			<b>\$1,000-\$2,000</b> COST RANGE	10 DIVISION	35 SUBDIVISION
Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810 700: Jetamatic for Handicapped Portable	The Braun Corporation 1074 Monticello Street Winamac, IN 46996 Porta-John				-
Aluminum, Fiberglass	Fiberglass				
49½'' × 61½''	60'' × 60''				
•	•		<del></del>		
•	•				
18%''	24"				-
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	Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810 700: Jetamatic for Handicapped Portable  Aluminum, Fiberglass 491/2'' × 611/2''  1878''  O	Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810 700: Jetamatic for Handicapped Portable  Aluminum, Fiberglass 49½'' × 61½''  1878''  1878''  1074 Monticello Street Winamac, iN 46996 Porta-John  Fiberglass  40'' × 60''  1878''  24''	Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810 700: Jetermatic for Handicapped Portable  Aluminum, Fiberglass  49½'' × 61½'' 60'' × 60''  18½'' 24''  0 0 0	Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810 700: Jetermatic for Handicapped Portable  Aluminum, Fiberglass  49½'' × 61½''  187%''  24''  0 0 0	Monogram Industries, Inc. 1945 East 223rd Street Long Beach, CA 90810   700: Jetermatic for Handicapped Portable

KEY: Optional
O Not available

SIGNAGE (page one of two)					<b>\$2.60\$25</b> COST RANGE	DIVISION SUBDIVI
	Dimensional Graphics, Inc. Touch-Know Division 222 West Huron Street Chicago, IL 60610	Abliky Building Center, Inc. 1911 N.W. 14th Street P.O. Box 6938 Rochester, MN 55901	Ability Building Center, Inc.	Ability Building Center, Inc.	Processed Signs and Display Co., Inc. Bo: 372 Amsterdam, NY 12010	Mohawk Engraving Co., P.O. Box 966 Schenectady, NY 1230
		T-M,T-N,T-O,T-P,T-Q,TL2,TR2	A,AA.B,BB,BBB,C,CC,CCC	F and H Vinyl Decal	#1-#30: Picto-Sign	Design w/c Access Sym
Width to height ratio 3:5 and 1:1 stroke 1:5 and 1:10	•	•				•
Exterior use	•		•	•	•	•
Interior use	•	•		•	•	•
Material	Steel, aluminum	Acrylic	Steel, aluminum	Vinyl	Vinyl	Aluminum, acrylic
Printing method		Silk screen	Silk screen		Screen printing	Engraved, reversed
Symbol of access available	•		•	•	•	6
Tactile	•	•	0	0	0	•
Special location	Elevators					
Mounting		Adhesive, surew	Bolted	Adhesive back	Adhesive back	Adhesive back
Different colors available	•	0		٥	<b></b>	•
High contrast printing	•	•	•	•	•	•
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O Not available ANSI A117.1 1980 Standard

SIGNAGE, manufacturers co	ntinued (page two of two)					10	40
	Seton Name Plate Corp. 3896 Boulevard New Haven, CT 06505	Seton Name Plate Corp.	Seton Name Plate Corp.	Litho/Color, inc. 840 W. Baltimore Detroit, MI 48202	Handicapped Door Hardware Division 6800 South Chicago Ave.		
	Embossed ECP Braille ID Plates	Seriet JT	Series SA	Various Models	Chicago, IL 60637		
Vidth to height ratio 3:5 and 1:1 stroke 1:5 and 1:10		•		•	•		
Exterior use	•	•	•	•			
nterior use	•	•	•	•	•		
Material	Stainless steel	Steel, aluminum	Steel, aluminum	80 mil, 100 mil vinyl	Polystyrene		
Printing method	Embossed	Etching	Embossed, casting	Offset lithography			
Symbol of access available	0	•	•	•	•		
Tactile	•	•	•	0	•		
Special location	Elevators	Elevators			Elevators	<u> </u>	<del></del>
Mounting	Adhesive, screw	Adhesive, screw	Adhesive, screw	Adhesive back, screw	Adhesive, screw	<del></del>	
Different colors available	=		•	0	•	<del></del>	
ligh contrast printing		•	2	8	•		
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LABORATORY EQU	ABORATORY EQUIPMENT/LAB STATION								
	Hamilton Industries 1316 18th Street Two Rivers, WI 54241	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	291/2" high, 32" wide							
Fixed station									
Portable or mobile station		•							
Educational program use	Science, medical, dental	All sciences							
Self-contained	0	Water, vacuum, air							
Hook-up to building services required	A!I	Electricity							
Longest horizontal reach	24''								
Location of controls	Side or front	Front							
Fume hood available			_						
	,								

KEY: Standard 88 SOptional O Not available ANSI A117 1 1980 Standard

	CLASSROOM EQUI	PMENT			<b>\$575-\$780</b> COST RANGE	11 DIVISION	40 SUBDIVISION
	•	Fleetwood Furniture Company 25 E. Washington St. Zeeland, MI 49464 2550: 4-Person Adjustable Height Wheelchair Table	Fleetwood Furniture Company 2560: Single Adjustable Height Wheelchair Table				
	Kneehole space: Minimum 30'' wide	49''	31′′			<del> </del>	
abla	Mınımum 27'' high to apron	23''-34'' adjustable	28''-33'' adjustable			<del> </del>	
V	Minimum 19" deep	42''	32′′			<u> </u>	
V	Working surface: 28"-34"	42'' × 60''	32'' × 48''			<del> </del>	
V	Height above floor	24''-35" adjustable	29''-34'' adjustable			<del> </del>	
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SWIMMING POOL	LIFTS	_			\$1000-\$8500 COST RANGE	11 60 SUBDIVISION
	Aquanaids 5200 Dixie Road, Suite 205 Mississauga, Ontario Canada L4WIE4 Stranco, U.S. Distributor	G.E.G. Pool Lift, Inc. P.O. Box 282 King of Prussia, PA 19406	AFW of North America Suite 311 Bank of New York Building Olean, NY 14760	The Cheney Co. 3015 South 163rd Street New Berlin, WI 53151	The Cheney Co.	J.E. Nolan & Co., Inc. P.O. Box 43201 Louisville, KY 40243
	Mecanaid Pool Lift	Pool Lift	Movable Swimming Pool Floor	SL-1 Pool Lift	Cheney Swm Lift	Nolan Pool Chair Lift
Powered by: Manual hydraulic	•					
Electric						
Pneumatic		•		•	•	
Hydraulic			•	•	•	•
Transfer from wheelchair to lift required	•	•	0	0	0	•
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	8					
Depth below water person lowered to	3′6′′	3′	10′	4' 2"	4′ 2′′	1′ 6′′
Maximum weight	350 ibs.	320 lbs.	Unlimited	300 lbs.	300 lbs.	300 lbs. at 30 p.s.i.
Intenor pool installation	•	•	•	•	•	6
Exterior poo! installation	•	•	•	•	*	•
Parts and labor warranty	•	•	•	•	•	•
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TELEPHONE ENCLO	T					DIVISION	SUBDIVIS
	Acoustics Development Corp. 1850 Holste Road Northbrook, IL 60062	Acoustics Development Corp.	Acoustics Development Corp.	Acoustics Development Corp.			
	ADCO 10-S, 20/21-L, 90-S-L	ADCO 130	ADCO 115L	ADCO 120 L			
Minimum 30" clear opening	•	•	•	0			
Forward reach does not exceed 48" above floor	•	•	•	•	<del>                                     </del>		
Free standing	•	•	-				
Wall mounted			M	**			
Requires floor space	•	•	•	0			
Interior use	•		<b>E</b>				
Exterior use		•	ŧ,			<del> </del>	
Floor levels change abruptly	0	0	0	0	<del></del>	<del> </del>	
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SKS			\$335-\$772 COST RANGE	12 DIVISION	10 subdivisio
Fleetwood Furniture Co. 25 East Washington Street Zeeland, MI 49464	Fleetwood Furniture Co.	Fleetwood Furniture Co.	JG Furr∺ure Systems 121 Park Avenue Quakertown, PA 18951		
1830:Wheelchair Transfer Bed	2560: Adjustable Desk	2550: 4-Person Adjustable Dining Table	UPS, GPF		
	29''-34'' adjustable	24''-35'' adjustable	26"-36" adjustable		
	•	•	•		
	28′′-33′′	23''-34''	24¾′′-34¾′′		
	•	•	•		
	•		GPF		
			UPS		
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	ELEVATORS						14 DIVISION	10 SUBDIVISION
		Otis Elevator Co. One Farm Springs Farmington, CT 06032	Schindler Haughton Elevator Corp. P.O. Box 780 Toledo, OH 43695	Dover Corp. Elevator Division P.O. Box 2177 Memphis, TN 38101	₄ Inclinator Co. of America 2200 Paxton St. Harrisburg, PA 17105	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613		
		All Models	H 2000 H (Other models available)	All Models	Elevette	Econol-Lift 500		
$\checkmark$	Meets ANSI A17.1 (1978)	•	•	•	•	•		
V	Automatic operation	•	•	•	<b>S</b>	•		
V	Levels within 1½"	•	•	•	0	•		
<b>☑</b>	¾'' call buttons	•	•	•		•		
<b></b> ✓	Visual signal when call answered	•	•	•	0	•		
<b></b> ✓	2½'' minimum hall lantems	•	•	•	0	•		
<b></b> ✓	Audible hall signals	•	•		0	=		
<b>☑</b>	Raised characters	•	•		0			
<b>☑</b>	32" clear opening doors	36" minimum	36", 42", 48"	36" minimum	Varies	36′′		
V	Doors open and close automatically	•	•	•	0			
Ø	Reopen automatically	•	•	•	0	£		
<b>7</b>	Photo eyes: height above floor	5′′, 29′′	5′′, 29′′	41/2'', 291/2''	<del>-</del>			
Z	Control buttons: Mounted height	35′′-54′′	35′′-54′′	35′′-54′′	35′′-54′′	35′′-54′′		
$\mathbb{Z}$	Emergency controls mounted at bottom	8	2	8				
$\mathbb{Z}$	Time from notification to door closing adjustable	•	•	•	0			
	Residential/capacity		•		● 450 lbs.	● 500-700 lbs.		
	Commercial/capacity	● 1500-4500 lbs.	• 2000, 4000 lbs.	● 2000+ lbs.	<del></del>			
	Operation: Electric	22			•	•		
	Hydraulic	ä	•					
	Maximum rise	By model	60′	By model	50′	By model		
	Penthouse required	(electric only)	0	(electric overhead)	0	0		
	Depth of jack hole	Rise + 2'	Rise + 2'	• hydraulic	<del>-</del>	0		
	Car size	Varies	51'' × 68''	51'' × 68''	36'' × 48''	36'' × 48''		

KEY: Optional
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VERTICAL WHEELC	HAIR LIFTS	(page one of two)			<b>\$2850-\$11,000</b> COST RANGE	14 DIVISION	21 SUBDIVISIO
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	Bud Industries 100 Pulaski St. West Warwick, RI 02893	Coach & Equipment Sales Corp. Box 36 Penn Yan, NY 14527	Don-O-Lift Inc. P.O. Box 4 Burnt Hills, NY 12027	Toce Brothers Mfg. Ltd. P.O. Box 489 Broussard, LA 79518	American Stair-Gilde Corp. 46J1 East 138th St. Grandview, MO 64030	American M P.O. Bo Tacoma, V	0x 1237 NA 98401
codes for use restrictions.	B650: Whisper Lift (For Vehicles)	Senes IV C&E IV Power Lift (For Vehicles)	1001 Passive Lift (For Buses)	Wheel-o-vator	41, 51, 71, 91: Porch Lift®	Hydraulic Pl AMO, HL, CH	
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	Şcrew	Scissor m	echanism
Transfer from wheelchair required	0	0	0	0	0		)
Platform size	30'' × 41''	34'' × 44''	31'' × 44''	36'' × 48''	36'' × 48''	42''>	< 62''
Occupied floor space			28'' × 36''	56'' × 60''			_
Lower level ramp	•	•	•	9	Model 41 only		)
— Automatically lowered	Auto. model only	•	•	•	•		<u>-</u>
If obstructed (underside), will stop	0		•		•		)
Upper gate	0	0	•		16		1
Electronically locked	0	0	•		10	2	<u> </u>
Lower safety gate	0	0	0	<b>3</b>	0		<b>B</b>
Electronically locked	0	0	0		. 0	1	
Controls: Activating	P' 14 button	Toggle switch	Toggle switch	Toggle switch	Key, toggle switch	Ke	ey .
Deadman	•	•	•	•	0		•
Manual overdrive for emergency use	•	Ü	•	•			<b>J</b>
Lift levels ± 1/2"	0	•	•	•	•		
Foundation required	•	0	fransit bus design	Attach to concrete	Flat concrete		
Bridge available	0						<u> </u>

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VERTICAL WHEE	LCHAIR 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 Handi-Lift	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613 PL 54-PL 144		<b>I</b>
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	0	0	0		
Platform size	36" × 48" or custom	35½'' × 50''	31'' × 48''		
Occupied floor space	46'' × 55''	52'' × 64''	48'' × 48''		
Lower level ramp		•	•		
-Automatically lowered	0	•			
obstructed (underside), will stop	0	•			
Jpper gate	•				
- Electronically locked	6				
ower safety gate	•	0			
- Electronically locked	•	0			
Controls: Activating	28	Toggle switch	Key, push button		
Deadman	•	•	•		
fanual overdrive for emergency use	•	•			
ft levels ± ½"	•	•			
oundation required	6" pit	С	5'' pit ■		
ridge available		<u> </u>	- Pr		

KEY: Optional
O Not available

INCLINED WHEELCI	HAIR LIFTS (pa	ge one of two)			\$9000-\$11,000 COST RANGE	14 DIVISION	22 SUBDIVISIO
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 Flinchbaugh 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	•			•			<del></del>
Maximum length	100′	25′	40'	Unlimited			
Straight runs mandatory	0	•	•	•			
Transfer from wheelchair required	0	0	0	0	<del></del>		
Minimum stairway width	36''	36′′	32''	36''			
Platform clear width	27''	28''	Stairway-7''	28''			
depth	36′′	42''	48''	48''		† <del></del> -	
Lift folds to vertical	•	•	0	•		<del>                                     </del>	
Stairway space occupied folded	10''	121/2''		10-16′′			
Platform enclosed on four sides	0		2	0			
Stair usable by able-bodied when lift in lower position		•	•	•			
Rails <sup>-</sup> Required to operate	2	1	2	1 or 2			
Attached to walls	R			•		<u> </u>	
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	•	•	D.	•			
Automatically lowered	0	•		•			
If obstructed, will stop	•	•	•	•			
Manual override for emergency use	•	0	•	0			

INCLINED WHE	ELCHAIR LIFTS,	description continued (pa	age two of two)		14	22
	Garaventa (Canada) Ltd. 7505134 A Street Surrey, British Columbia Canada V3 W 7B3	The Cheney Co., Inc. 3015 S. 163rd Street New Berlin, WI 53151	The Flinchbeugh Co., Inc. 390 Eber's Land York, PA 17403	Earl's Stairway Lift Corp. 2513 Center St. Cedar Falls, IA 50613		L
	Garaventa Wheelchair Elevator	Cheney Wheelchair Lift III	Butler Wheelchair Lift	Econol-Lift 200		
Controls: Activating	Push button, toggle	Push button	Key, ● toggle	Key, toggle		
Deadman	•	•	•			
Parts and labor warranty	•	•	•	- 1		
Structural notes	Wall construction	Wall construction	None			
					······································	
					<del></del>	
			<del>                                     </del>		 	
		_ <del></del>				

KEY: Optional
O Not available

	WATER COOLERS	AND FOUNTA	INS (page one of three	e)			15 DIVISION	10 SUBDIVISIO
	Note: Coolers have self-contained chillers; fountains dispense chilled or unchilled water from a remote source.	Filtrine Mfg. Co. 1 Main St. Harrisville, NH 03450	Filtrine Mfg. Co.	Sunroc Corp. Rt. 452 Glen Riddle, PA 19037	Stern-Williams Co., Inc. P.O.Box 8004 Shawnee Mission, KS 66202			
		FC-103-31: Recessed	FC-90-WC: Projecting Bowl	HCWC-8: Wheel Chair Level Water Cooler	WDF-1050			
1	Spout mounted 36" above floor with 27" knee space	•	•	•	•		<del></del>	
	Unit 17"-19" deep		181/2''	17¾′′	22"		+	<u> </u>
	Spout located in front, parallel flow	•	•	•	•		<del> </del>	
	Controls easily used	Push button	Lever hand., push button	Push plate	Lever hand., both sides		<del>-</del>	
	Water cooler	•		•				
ľ	Water fountain		2		•		<del> </del>	
ľ	Interior use	•	•	•	•	<del></del>		
	Exterior use				•		+	
ľ	Single unit	•		•	•			
Γ	Multiple fountains/coolers		•					<del>.</del>
Γ	Projection from wall (recessed)	1/2''					<del>-</del>	<u> </u>
r	Flat bowl: A cup will stand alone	•	•	0				
	Material	Stainless steel, bronze	Stainless steel, bronze	Stainless steel				
Γ	Built-in cup dispenser	•	0	0	0			
	Cooler: Floor cover extends up wall	8′′	6′′					
L	<u> </u>							
L								
L								
L								
L								
L								
L								
(	Standard  (EY: Optional	Ω			/manufe	acturers continued)	109	49
by ERI	O Not available ANSI A117.1 4980	Standard			(manus	actorers continued)	1.00	

	WATER COOLERS	AND FOUNTA	INS, manufacturers ∞	ntinued (page two of three)	)		15	10
		Haws Drinking Faucet Co. 4th & Page Streets P.O. Box 1999 Berkeley, CA 94701	Haws Drinking Faucet Co.	Haws Drinking Faucet Co.	Haws Drinking Faucet Co.	Haws Drinking Faucet Co.	Haws Drinkin	ig Faucet Co
ļ		HWCD 8	HWCL10	HWCT 6: Recessed	1108	1107	3176: P	'edestal
ł	Spout mounted 36" above floor with 27" knee space	•	•	•	•	•		<u> </u>
I	Unit 17"-19" deep	201/2''	201/2′′		201/2''	20′′	22:	3⁄4′′
ŀ	Spout located in front, parallel flow	•	•	•	•	•		•
l	Controls easily used	Lever hand., both sides	Lever hand., both sides	Push plate	Lever hand., both sides	Push plate	Lever hand.	, both side
1	Water cooler	•	•	•				
Ì	Water fountain				•	•	•	
I	Interior use	•	•	•	•	•	•	
İ	Exterior use				•	•		
Ì	Single unit	•		•		•	•	
	Multiple fountains/coolers		•		•			
İ	Projection from wall (recessed)							
	Flat bowl: A cup will stand alone	0	0	0	0	0	(	)
Ī	Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Precas	t stone
Ī	Built-in cup dispenser	<b>32</b>	0	•	0	0		)
	Cooler: Floor cover extends up wall	41/4''	4¾''	Open space				
-								
	9						11	

WATER COOLER	NATER COOLERS AND FOUNTAINS, manufacturers continued (page three of three)							
	Western Drinking Fountains Box 2056 San Leandro, CA 94577	Western Drinking Fountains	Western Drinking Fountains	EBCO Manufacturing Co. 265 North Hamilton Rd. Columbus, OH 43213	EBCO Manufacturing Co.			
	38-WC-FP	43-WCRC	4343-WCRC	ODP7WM D: LHBS P: PB	D:5-140D			
Spout mounted 36" above floor with 27" knee space	●, O-Knee space	•	•	•, O-Knee space	•	-		
Unit 17"-19" deep		20′′	20′′	181/2''	19¼''			
Spout located in front, parallel flow	•	•	•	•	•			
Controls easily used	Lever hand., both sides	Lever hand., both sides	Lever hand., both sides	Lever hand., push but.	Lever hand., both sides			
Water cooler		•	•	•				
Water fountain	•				•			
Interior use		•	•	•	•			
Exterior use	•	_						
Single unit	•	•		•	¢			
Multiple fountains/coolers			•					
Projection from wall (recessed)						<del></del>		
Flat bowl: A cup will stand alone	0	0	0	0	0			
Material		Stainless steel	Stainless steel	Stainless steel	Stainless steel			
Built-in cup dispenser	0	0	0	0	0			
Cooler: Floor cover extends up wall		4''	5′′	26''				

Standard
Optional
Not available ANSI A117.1 1980 Standard

VAN MODIFICATIO	<del></del>				<b>\$1,900-\$3,000</b> COST RANGE	DIVISION	11 SUBDIVISIO
(Also see 14.21, Vertical Wheelchair Lifts)	Target industries, inc. 55 Newberry Road Warehouse Point, CT 06088	Cheney Mobility, Inc. W146 S6450 Tess Corners Muskego, WI 53150	Total Mobility Systems & Designs 4060 Stewnt Rd. Eugene OR 97402	Bud Industries, Inc. 100 Pulaski St. West Warwick, RI 02893	Coach & Equipment Sales Corp. Box 36 Penn Yan, NY 14527		-
	T-500: Hydraulic Lift & Adaptive Driving Equipment	R30A L10: Ricon & Braun	Sul-II Safe:y Van Lift II		FC2 Fortivan Commuter		
Modifications Available:				•			
Reduced effort power steering	•	•		•			
Lever steering	•	•		•			
Custom hand controls	•	•					
Hydraulic power lifts	•	•	•	•	•		
Electric power lifts		•					
Power dcor openers	•	•	•	•	•	<del></del>	
Reduced effort power brakes	•	•	•				
Power lift parallel van side		•	•				
Power lift perpendicular to van side	•	•		•			
					•		
			<del></del>				
	<del>                                     </del>						
-							
	<del>                                     </del>						
• Standard 1 1 1							

KEY: Optional
O Not available

VAN MODIFICATION	AN MODIFICATION, manufacturers continued (page two of two)						
(Also see 14.21, Vertical Wheelchair Lifts)	Ribley & Harppinger, Inc. 3702 State St. Schenectady, NY 12304	The Braun Corporation 1014 S. Monticello Winamac, IN 46996					
Modifications available:						<del>                                     </del>	<del></del>
Reduced effort power steering	•	•					
Lever steering	•						
Custom hand controls	•	•					
Hydraulic power lifts	•	•					
Electric power lifts	•						
Power door openers	•	•					
Reduced effort power brakes	•	•					
Power lift parallel van side	•						
Power lift perpendicular van side	•	•					
				_			
							_

ACCESSIBLE BUSES WITH LIFTS						A DIVISION	12 SUBDIVISIO
(Also see 14.21, Vertical Wheelchair Lifts)	Wayne Corporation Wayne Transportation Division P.O. Box 1447 Industries Road Richmond, IN 47374	Target Industries, Inc. 55 Newberry Road Warehouse Point, CT 06088	Bud Industries, Inc. 100 Pulaski Street West Warwick, RI 02893 Bud Transporter	Coach & Equipment Sales Corp. Box 36 Penn Yan, NY 14527 XBF, XB6, XBD, XBC: Fortibus Commuter	The Braun Corp. 1014 S. Monticello Street Winamac, IN 46996	Ribley & Harppinger, inc. 3702 State Street Schenectady, NY 12304 Passive Lifts for Modifying Transit Buses	
	Bussette, Transette Transettext						
Capacity: Of wheelchair users	1-7	8	1-5	1-6	1-6	2	
Of able-bodied	_	9	9-10	21	16		
Lift: Part of bus entrance							
Separate from bus entrance		•	•	•	•		
Power: Electric	•		•				
Hydraulic	•	•	•	•	•	<del></del>	
Controller: From drivers' seat	0	0				<del>_</del>	
From outside bus	•	•	•	•	•	0	
Tiedowns provided	•	•	•	#			
Aisle width	17''		Varies	15''-171/2''	12''-24''		
Head room	75''		72''	76′′	72''	·	
Grab bars or poles provided		•	•	u u			
				-		<del></del>	
			-				
	<del>                                     </del>						

TELEPHONE TYPE	WRITERS (TTY	"			DIVISION	40 SUBDIVISION
	Specialized Systems Inc. 11558 Sorrento Valley Rd. Building 7 San Diego, CA 92121	American Communication Corp. 180 Roberts Street East Hartford, CT 06108	Prentke Romich Company RD 2, Box 191 Shreve, OH 44676	Krown Research, Inc. 10331 W. Jefferson Blvd. Culver City, CA 90230		
	Systems 100, 101, 102: Communicator	AMCON 1	ADT-5B: Automatic Dialing Telephone	Porta Printer Plus		
Portable	•	•		•		
Fixed			•			
L.E.D./Maximum number of letters on screen	●/32 letters	●/16 letters	●/1 letter	●/20 letters		
Strike on				•		
Letter size	15/64,,	1/2''	5%''	6mm		
Power requirements	120 V, 65 A	Battery	10 V 50 Ma	7V battery		
Memory	0	•	0	Provides hardcopy		
Size (length, width, height)	95/8" × 93/16" × 45/16"	δ·× 13" × 5"	5½'' × 10'' × 8''	12" × 9" × 3"		
Weight		5 lbs.		5 lbs.		
Phone cradle	2			•		
Phone wire connection			•			
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### **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

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

- 8.12 100% clearance hinge: increases clear opening of existing doorways
- 8.17 Peterik vertical door opener: vertical crash or panic bar used to assist in opening doors
- 8.18 SK-601 push button key: exterior electronic push button lock
- 10.00 Optima automatic flushing system:
  movement-sensitive valve for use with '
  "no hands" toilet and urinal flushing
  systems
- **10.22** 6275 handicapped conserver: floor mounted toilet, 18" above floor

#### Bud Industries 100 Pulaski Street West Warwick, RI 02893

#### Stanley Hardware 195 Lake Street New Britain, CT 06050

### Lawrence Brothers, Inc. Sterling, IL 61081

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

### Sendec Corporation 56 West Avenue Fairport, NY 14450

### Sioan Valve Co. 10500 Seymour Avenue Franklin Park, IL 60131

### Briggs 1500 N. Dale Mabry Tampa, FL 33607

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

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

- 15.12 Lever handle modification kit for drinking fountains: converts push button and other fountain types to lever-type
- **16.15** BG-6 manual pull station: pull-down handle activates alarm
- **16.20** Custom made snow melting device: electrical subsurface coils for walks and ramps
- 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

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

#### Johnbo Nordic, Inc. 1320 6th Aver.ue South Moorhead, MN 56560

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

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

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

### VISUALTEK 1610 26th Street Santa Monica, CA 90404



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## 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 Caristadt, NJ 07072 Bobrick Washroom Equipment, Inc. 1:611 Hart Street North Hollywood, CA 91605

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

Bradiey Corporation P.O. Box 309 Menamonee Falls, WI 53051

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

J. G Braun Company 7540 McCormick Boulevard Skorie, 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 Plumbingwara 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 Harrisville, 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. E ox 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

Glynn-Johnson 4411 Ravenswood Chicago, IL 60640

Erie, PA 16505

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 Herrisburg, PA 17105

The Interior Steel Equipment Co. 2352 East 69th Street Cleveland, OH 4:104

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 Comer Broome and Mason Streets P.O. Box 1071 Monroe, NC 28110

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

Lawrence Brothers Inc. Sterling, IL 61081

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

Lithe/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

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 3324 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 Elyna, 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 Specialities Mfg., Inc. 13011 South Spring Street Los Angeles, CA 90061

'Iniversal-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 Whiripool Corporation 2000 U.S. 33 North Benton Harbor, MI 49022

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