

*Bradpack Model 1027 Shown*

<b><i>Models:</i></b>			
100	101	102	1021
1022	1027	1028	103
1041	105	1051	

# Installation Instructions

## Bradley's 100 Series Bradpacks - Surface and Recessed Mounted

### About Your Bradley 100 Series Bradpacks

Bradpacks are quality crafted of durable stainless steel for years of dependable use. Your Bradpack is factory preassembled and is easy to install—recessed or surface mounted. Bradpacks are attractively designed with coordinating accessories and concealed plumbing.

Turn to page 2 in these Installation Instructions for surface mounting installation. Turn to page 6 for recessed mounting installation.

Bradley Bradpacks are durably built for long-lasting use and dependability.

### What You Need to Provide for Installation

#### Tools Recommended

- Flat blade and Phillips screwdrivers
- Level
- Tools needed to make electrical connections per **local code**
- Tools needed to connect supply piping to faucet per **local code**
- Tools needed to install wall anchors (if required)

#### Supplies Required

- Supply piping
- P-trap and drain piping
- Silicone Caulk
- Shims, if necessary, when installing cabinet
- (4) Wall anchors for securing cabinet to wall (screws supplied) (if required)
- (2) F15T12 medium bipin bulbs for models 100, 101, 102, 1027, and 1028 (if required)
- Ground Fault Circuit Interrupter (GFCI), if not provided with unit

**Bradley**  
CORPORATION



P.O. Box 309, Menomonee Falls, WI 53052-0309  
PHONE (414) 251-6000 FAX (414) 251-5817

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# 100 Series Bradpacks Surface Mounting Installation Instructions

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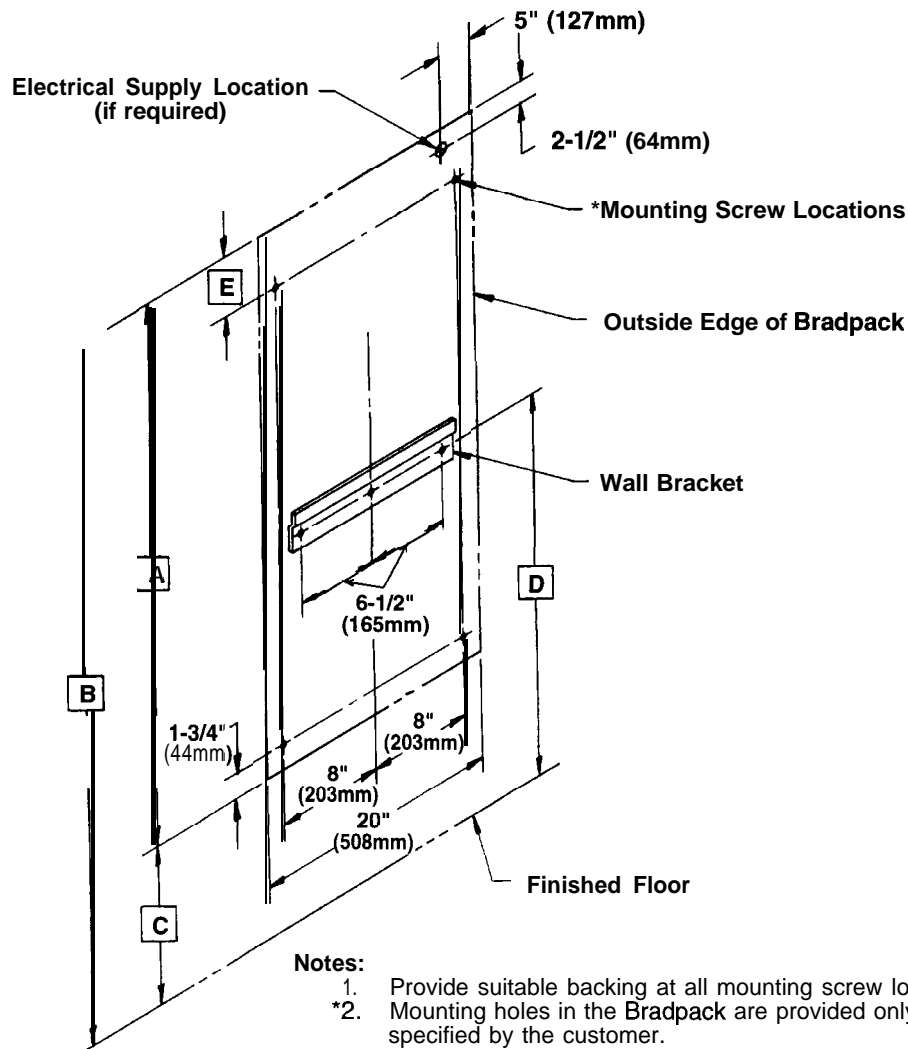
Turn to page 6 for the 100 Series Bradpacks Recessed Mounting Installation Instructions.

## Steps

1. Provide adequate in-wall backing to properly support your **Bradpack** unit at the mounting screw locations shown in Figure 1 on page 3. NOTE: Mounting holes in the **Bradpack** are provided only when specified by the customer.
- \*2. Provide proper electrical supply per rating label to enter through the wall at the location shown in Figure 1 page 3. If a GFCI is not included on the unit, one **MUST** be installed externally. **Install per local code.**
3. Install hot and cold supply lines and 1 -1/2" IPS drain at the dimensions shown in Figure 2 on page 4. Keep the supply lines entering the unit as short as practical to allow **Bradpack** to hang on wall without interference between rough plumbing and cabinet of **Bradpack** (supplies, drain and fittings supplied by installer).
4. Complete the finished wall. NOTE: Any irregularities in the finished wall surface such as wainscot or tile detail should be provided for.
5. Carefully remove the **Bradpack** from its carton. Leave the protective vinyl covering on the unit to protect the **Bradpack's** finish during installation.
6. Remove the access panel and save all the mounting screws.
- \*7. Remove the light fixture by opening the mirror door and unfastening the two screws on the bottom of the light. Save both screws. Then carefully slide the light assembly out of the **Bradpack**.
8. Fasten the support bracket (supplied) on the wall at the location shown in Figure 1 on page 3 using three #10 pan head screws. Pull the electrical supply leads through the knockout near the top of the **Bradpack** and position unit on support bracket (see Figure 1 on page 3 and Figure 3 on page 5).
9. **Flush the supply lines** and complete plumbing connections **per local code.**
10. **Bradpacks** equipped with foot control valve require adjustment of the foot control so that the front bottom edge is 1 -1/2" off the finished floor. To do this, loosen the two screws that connect the foot pedal to the support mechanism and slide the pedal up or down to the required 1 -1/2" clearance. Then secure the two screws.
11. Replace the access panel.
- \*12. Make electrical connections to the light fixture per local code and reinstall the light assembly into the **Bradpack**.
13. Remove protective vinyl covering and clean the unit as instructed on pages 10 and 11.
- 14. Install fluorescent light tubes (supplied by installer). **Bradpack** Models 100, 101, 102, 1027, and 1028 require two F15T12 medium bipin bulbs.

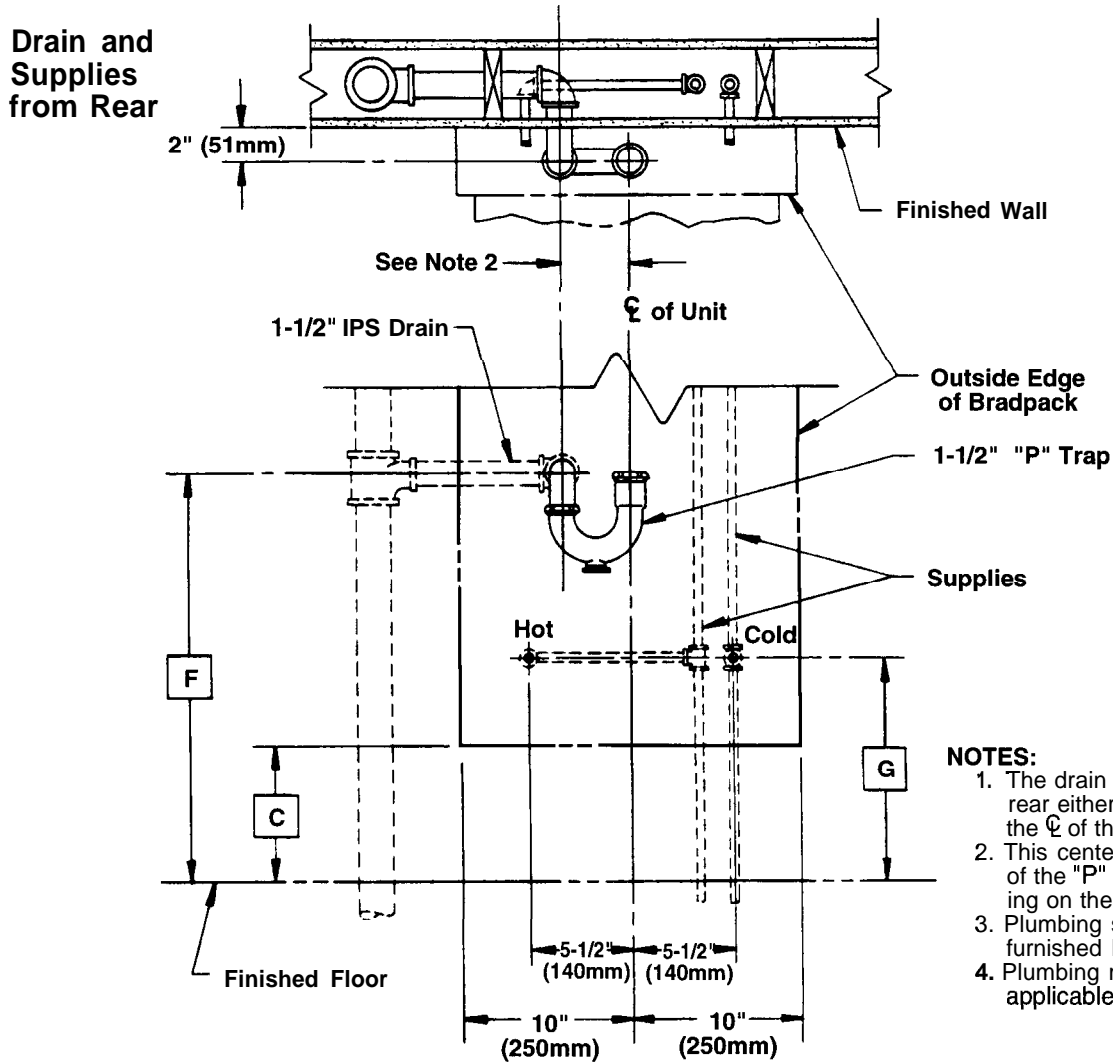
\*These installation steps apply only to units equipped with a light fixture and/or electrical outlet.

# Mounting Dimensions - Figure 1



MODEL	A		B		C		D		E	
	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
100	72	1829	77-3/4	1975	5-3/4	146	30-1/8	765	5	127
101	62	1575	77-3/4	1975	15-3/4	400	30-1/8	765	5	127
102	62	1575	78-5/8	1997	16-5/8	422	32-5/8	829	5	127
1021	42-7/8	1089	59-1/2	1511	16-5/8	422	32-5/8	829	5	127
1022	33	838	49-5/8	1260	16-5/8	422	32-5/8	829	1-3/4	44
1027	67-3/8	1711	76-3/8	1940	9	229	32-1/8	816	5	127
1028	62	1575	76-3/8	1940	14-3/8	365	32-1/8	816	5	127
103	42-7/8	1089	48-5/8	1235	5-3/4	146	30-1/8	765	1-3/4	44
1041	62	1575	67-3/4	1721	5-3/4	146	30-1/8	765	5	127
105	33	838	48-3/4	1238	15-3/4	400	30-1/8	765	1-3/4	44
1051	42-7/8	1089	58-5/8	1489	15-3/4	400	30-1/8	765	5	127

## Drain and Supplies Rough-In Dimensions - Figure 2

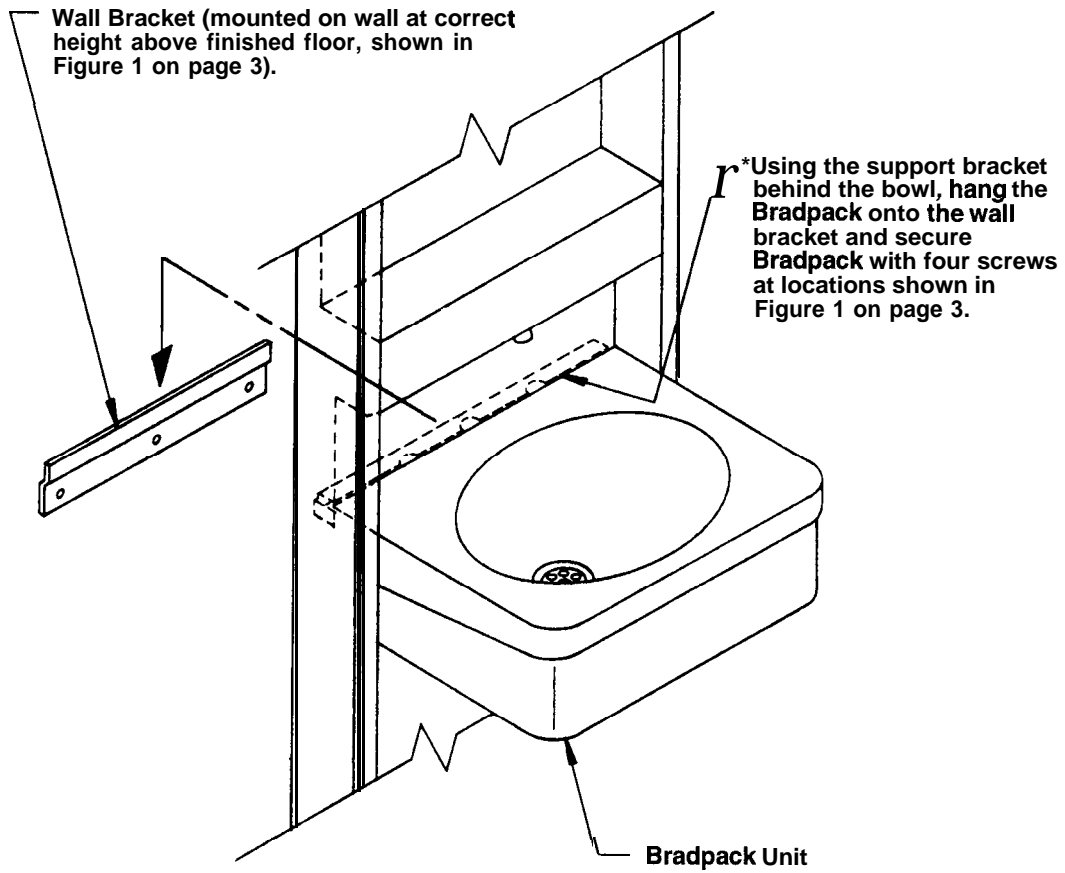


MODEL	C		F		G	
	INCHES	MM	INCHES	MM	INCHES	MM
100	5-3/4	146	22-3/4	578	14-1/2	368
101	15-3/4	400	22-3/4	578	19-3/4	502
102	16-5/8	422	24-3/8	619	20-5/8	524
1021	16-5/8	422	24-3/8	619	20-5/8	524
1022	16-5/8	422	24-3/8	619	20-5/8	524
1027	9	229	26	660	22-3/4	578
1028	14-3/8	365	26	660	22-3/4	578
103	5-3/4	146	22-3/4	578	14-1/2	368
1041	5-3/4	146	22-3/4	578	14-1/2	368
105	15-3/4	400	22-3/4	578	19-3/4	502
1051	15-3/4	400	22-3/4	578	19-3/4	502

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## Mounting Detail - Figure 3

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**\*NOTE:**

When installing a Model 1027 Bradpack use the 1" rear flange of the bowl to hang the unit onto the wall bracket.

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# 100 Series Bradpacks Recessed Mounting Installation Instructions

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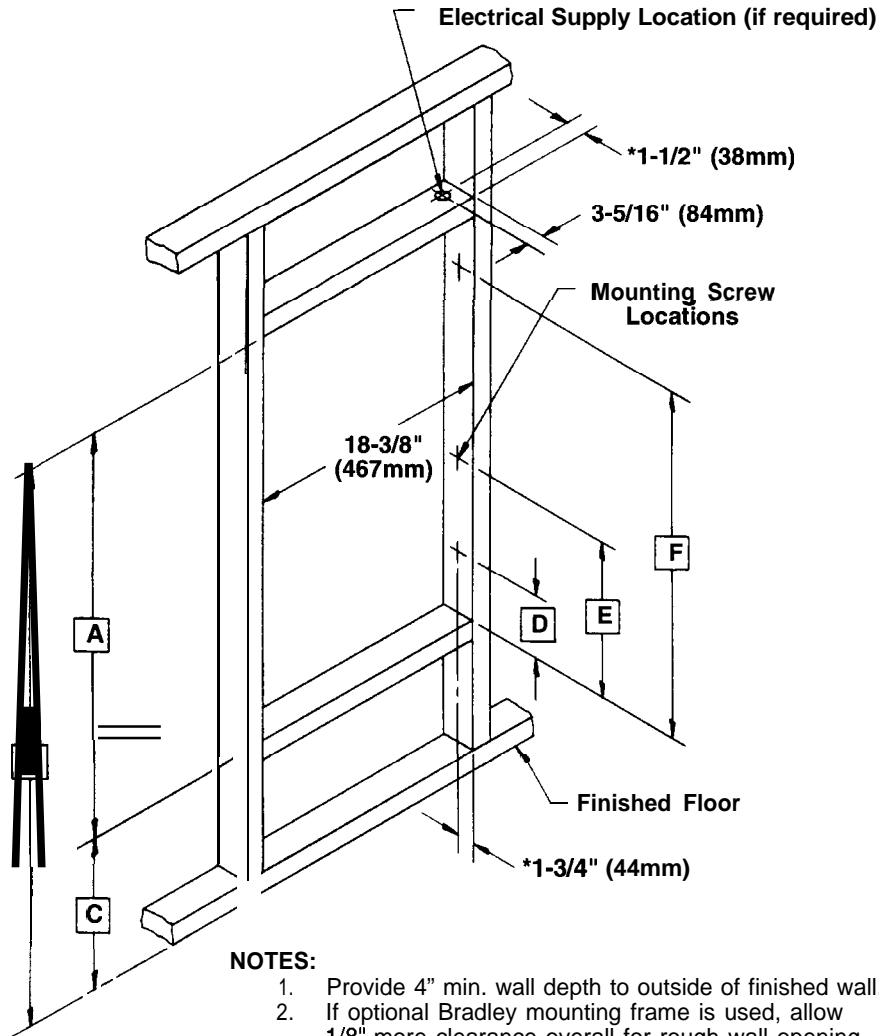
Turn to page 2 for the 100 Series Bradpacks Surface Mounting Installation Instructions.

## Steps

1. Rough-in wall opening to dimensions shown in Figure 1 on Page 3. If Bradley's optional mounting frame is used, allow 1/8" more clearance for rough wall opening.
- \*2. Provide proper electrical supply per rating label to enter at top of wall opening as shown in Figure A on Page 7. If a GFCI is not included on the unit, one **MUST** be installed externally. **Install per local code.**
3. Install hot and cold supply lines and 1 -1/2" IPS drain to dimensions shown in Figure B on page 8. Keep supply lines entering wall opening as short as practical to allow Bradpack to slide into wall opening without interference between rough plumbing and cabinet of Bradpack (see Figure B on page 8 and Figure C on page 9) (supplies, drain, and fittings supplied by installer).
4. Complete the finished wall. The wall opening in plaster walls should be trimmed on all four sides with metal plaster trim. NOTE: Any irregularities in the finished wall surface such as wainscot or tile should be provided for.
5. Carefully remove the Bradpack from its carton. Leave the protective vinyl covering on the unit to protect the Bradpack finish during installation.
6. Remove the access panel and save all the mounting screws.
- \*7. Remove the light fixture by opening the mirror door and unfastening the two screws on the bottom of the light. Save both screws. Then carefully slide the light assembly out of the Bradpack.
8. Install approximately 3/16" thick shims at all mounting screw locations to prevent distortion of the cabinet when the screws are secured. Pull the electrical leads through the knockout on the top of the Bradpack. Then slide the Bradpack into the wall opening and securely fasten the unit with #10 pan head screws at all mounting locations.
9. **Flush the supply lines** and complete plumbing connections **per local code.**
10. Bradpacks equipped with foot control valve require adjustment of the foot control so that the front bottom edge is 1 -1/2" off the finished floor. To do this, loosen the two screws that connect the foot pedal to the support mechanism and slide the pedal up or down to the required 1 -1/2" clearance. Then secure the two screws.
11. Replace the access panel.
- \*12. Make electrical connections to the light fixture per local code and reinstall the light assembly into the Bradpack.
13. Remove protective vinyl covering and clean the unit as instructed on pages 10 and 11.
- \*14. Install fluorescent light tubes (supplied by installer). Bradpack Models 100, 101, 102, 1027, and 1028

\*These installation steps apply only to units equipped with a light fixture and/or electrical outlet.

# Wall Opening Dimensions - Figure A



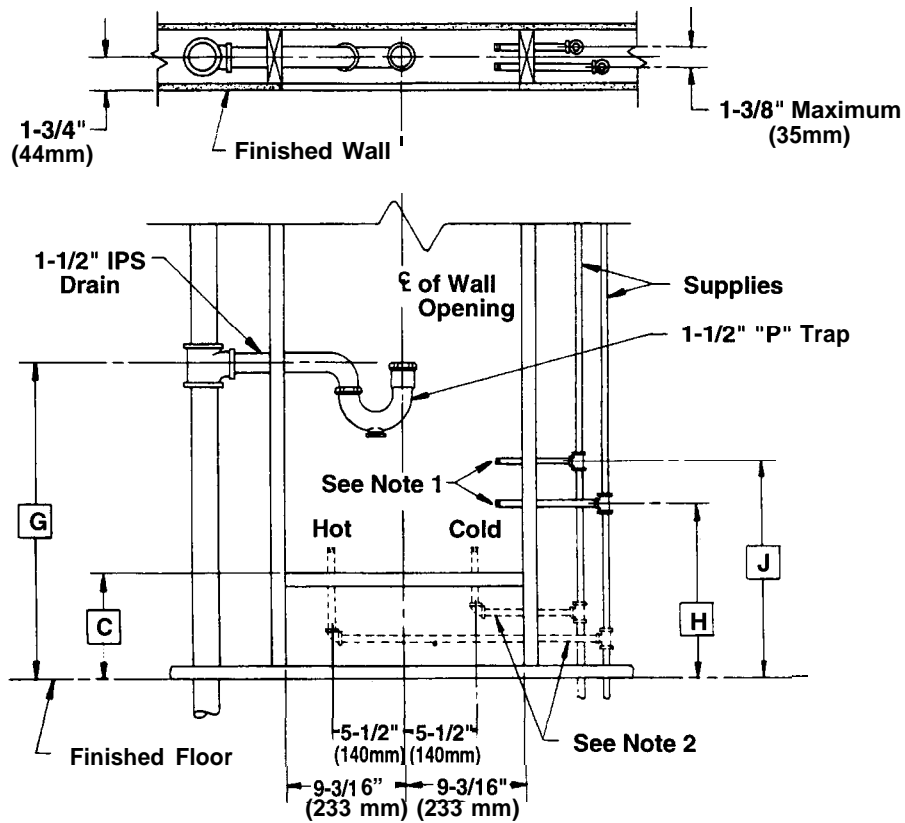
**NOTES:**

1. Provide 4" min. wall depth to outside of finished wall.
2. If optional Bradley mounting frame is used, allow 1/8" more clearance overall for rough wall opening.
- \*3. These dimensions are to outside of finished wall.

MODEL	A		B		C		D		E		F	
	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
100	70-1/2	1791	77-1/4	1962	6-3/4	171	5	127	18-1/2	470	65-1/2	1664
101	60-1/2	1537	77-1/4	1962	16-3/4	425	a-112	216	---	---	55-1/2	1410
102	60-1/2	1537	78-1/8	1984	17-5/8	448	8-1/2	216	---	---	55-1/2	1410
1021	41-3/8	1051	59	1499	17-5/8	448	8-1/2	216	---	---	36-3/8	924
1022	31-1/2	800	49-1/8	1248	17-5/8	448	8-1/2	216	---	---	29-1/2	749
1027	65-7/8	1673	75-7/8	1927	10	254	8-1/2	216	---	---	60-7/8	1546
1028	60-1/2	1537	75-7/8	1927	15-3/8	391	3-1/8	79	---	---	55-1/2	1410
103	41-3/8	1051	48-1/8	1222	6-3/4	171	5	127	18-1/2	470	36-3/8	924
1041	60-1/2	1537	67-1/4	1708	6-3/4	171	5	127	18-1/2	470	55-1/2	1410
105	31-1/2	800	48-1/4	1226	16-3/4	425	8-1/2	216	---	---	29-1/2	749
1051	41-3/8	1051	58-1/8	1476	16-3/4	425	8-1/2	216	---	---	36-3/8	924

# Drain and Supplies Rough-In Dimensions- Figure B

Drain and Supplies from Side



**NOTES:**

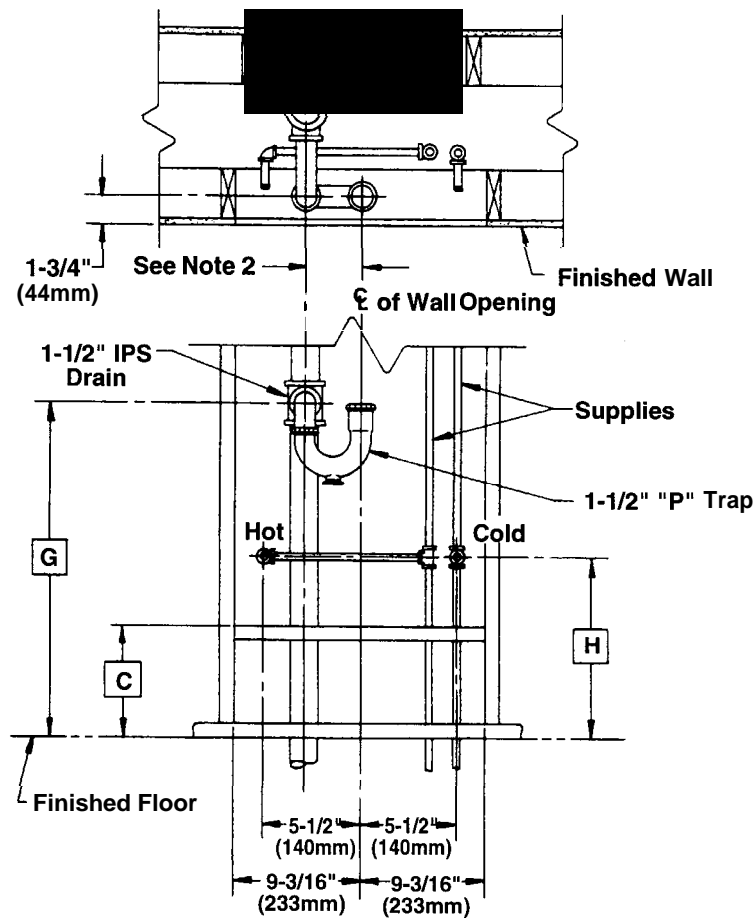
- HAND CONTROL UNITS** - When bringing the supplies from the right (shown) position the cold on top and hot on bottom. If supplies are brought in from the left, position the hot on top and cold on bottom  
**FOOT CONTROL UNITS** - The supplies are to be brought in opposite of hand control units.
- As an alternate, the supplies can enter at the bottom of the wall opening as shown. This can not be done on Model 1027 because of the waste receptacle.
- Plumbing shown is not furnished by Bradley.
- Plumbing must conform to all applicable codes.

MODEL	C		G		H		J	
	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
100	6-3/4	171	22-3/4	578	14-11/2	368	17-1/2	445
101	16-3/4	425	22-3/4	578	19-3/4	502	22-3/4	578
102	17-5/8	448	24-3/8	619	20-5/8	524	23-5/8	600
1021	17-5/8	448	24-3/8	619	20-5/8	524	23-5/8	600
1022	17-5/8	448	24-3/8	619	20-5/8	524	23-5/8	600
1027	10	254	26	660	22-3/4	578	26	660
1028	15-3/8	391	26	660	22-3/4	578	26	660
103	6-3/4	171	22-3/4	578	14-1/2	368	17-1/2	445
1041	6-3/4	171	22-3/4	578	14-1/2	368	17-1/2	445
105	16-3/4	425	22-3/4	578	19-3/4	502	22-3/4	578
1051	16-3/4	425	22-3/4	578	19-3/4	502	22-3/4	578



## Drain and Supplies Rough-In Dimensions - Figure C

Drain and  
Supplies  
from Rear



**NOTES:**

1. The drain can enter from the rear, either to the left or right of the  $\text{C}$  of the wall opening (left shown).
2. This center dimension of the "P" Trap varies depending on the specific trap used.
3. Plumbing shown is not provided by Bradley.
4. Plumbing must conform to all applicable codes.

MODEL	C		G		H	
	INCHES	MM	INCHES	MM	INCHES	MM
100	6-3/4	171	22-3/4	578	14-1/2	368
101	16-3/4	425	22-3/4	578	19-3/4	502
102	17-5/8	448	24-3/8	619	20-5/8	524
1021	17-5/8	448	24-3/8	619	20-5/8	524
1022	17-5/8	448	24-3/8	619	20-5/8	524
1027	10	254	26	660	22-3/4	578
1028	15-3/8	391	26	660	22-3/4	578
103	6-3/4	171	22-3/4	578	14-1/2	368
1041	6-3/4	171	22-3/4	578	14-1/2	368
105	16-3/4	425	22-3/4	578	19-3/4	502
1051	16-3/4	425	22-3/4	578	19-3/4	502

# Care and Cleaning of Stainless Steel Bradpacks

Stainless steel is extremely durable, and maintenance is simple and inexpensive, but proper care, particularly under corrosive conditions, is essential.

Regular and frequent cleaning will greatly prolong the service life of stainless steel equipment and, at the same time, maintain a bright, pleasing surface appearance. The amount and frequency of cleaning depends on service conditions involved. For best results, stainless steel should be cleaned as often as films or deposits become apparent. Periodic cleaning will remove built-up deposits which may eventually cause concentration cells to be set up on the surface.

## Follow These Suggestions:

1. Cleanliness is of the utmost importance. Ordinary deposits of dirt and grease are quickly removed with soap and water. Whenever possible, the metal should be thoroughly rinsed and dried after washing. To get rid of tightly adhering deposits, use stainless steel polishing powder. **In all cases, rub in the direction of the stainless steel grain.**

**WARNING:** Never use ordinary steel wool or steel brushes on stainless steel. Always use stainless steel wool or stainless steel brushes.

2. Remove materials and deposits that tend to adhere to the surface of the stainless steel, especially in crevices and corners.
3. When severely overheated, stainless steel equipment may show discoloration (heat tint). This can be removed by scouring with a powder.
4. Avoid prolonged standing of chlorides, bromides, thiocyanates, and iodides in stainless steel equipment, especially if acid conditions exist. The pitting action of these compounds may be retarded or avoided by making solutions alkaline. If this is not possible, avoid long contact of compounds with the metal and clean frequently. Clean and rinse thoroughly after using.
5. Do not permit salty solutions to evaporate and dry on stainless steel.

6. Sometimes the appearance of rust streaks on stainless steel leads to the belief that the stainless steel is rusting. Look for the source of the rust in some iron or steel not actually a part of the stainless steel structure. A steel nail or screw may cause the trouble.

Trade Name*	How Applied	Remarks
Grade FFF Italian Pumice, Whiting or Bon Ami	Scour or rub with damp cloth	Satisfactory for all finishes
Liquid NuSteel	Scour with small amount on dry cloth	Satisfactory for all finishes if rubbing pressure is light
Paste NuSteel	Scour with small amount on dry cloth	Satisfactory for No. 4 finish; Will scratch mirror finish No. 8
Household cleansers, such as Old Dutch, Lighthouse, Sunbrite, Wyandotte, Bab-0, Gold Dust, and Sapolio	Rub with damp cloth	Will scratch No. 4 finish slightly
Grade F Italian Pumice	Rub with damp cloth	Will scratch No. 4 finish slightly
Cooper's Stainless Steel Cleaner	Rub with damp cloth	Satisfactory for No. 4 finish
Revere Stainless Steel Polish	Rub with damp cloth	Satisfactory for No. 4 finish

## Cleansers and Their Reactions to Stainless Steel

1. Soap and water will remove ordinary deposits of grease, dirt and similar contaminants. Washing should be followed with a water rinse and thorough drying.
2. Tightly adhering deposits of food, oil, grease, weather stains, milkstone or other light discolorations may be removed with any of the following cleansers listed in Table 1.

\* NOTE: Use of proprietary names is intended only to indicate a type of cleaner, and does not constitute endorsement nor is omission of any proprietary cleanser to imply its inadequacy. It should be emphasized that all products should be used in strict accordance with instructions on package.

Table 1

## Care and Cleaning of Stainless Steel Continued . . .

Trade Name*	How Applied	Remarks
Allen Stainless Steel Polish	Small amount on damp cloth	Excellent heat tint remover
Wyandotte or Bab-0	Rub with damp cloth	Very good for heat tint removal
NuSteel	Rub with stainless steel wool	Very good for heat tint removal
5% Oxalic Acid (use warm) or 5-1 5% Nitric Acid. Always follow with a 5% Sodium Carbonate or neutralizer rinse	Swab or immerse	Good discoloration remover

Table 2

. NOTE: Use of proprietary names is intended only to indicate a type of cleaner, and does not constitute endorsement nor is omission of any proprietary cleanser to imply its inadequacy. It should be emphasized that all products should be used in strict accordance with instructions on package.

Name	Remarks
5-1 5% Caustic Soda (hot or cold)	Will remove grease, milkstone, etc.
0.1 to 0.5% solutions of Sodium metasilicate, Trisodium phosphate, Sodium tetrphosphate, Sodium hexametaphosphate, Tetrasodium pyrophosphate	All excellent removers of grease, oil and milkstone

Table 3

3. Heat tint or heavy discoloration may be removed with the cleansers listed in Table 2.
4. Table 3 lists detergents and solvents which are excellent removers of grease, oil, fatty acids, or milkstone, where swabbing or rubbing is not practical.
5. The following organic solvents may be used for removing oils and grease deposits: Carbon tetrachloride, trichloroethylene, acetone, kerosene, gasoline, naphtha, benzene, ether, alcohol. These solvents should not be used for cleaning food containers or other equipment where possible food contamination is a factor. (Observe all precautions against fire. Do not smoke while vapors are present, and be sure area is well ventilated).
6. Ordinary steel wool or steel brushes should never be used on stainless steel surfaces. Particles of steel may become embedded in the stainless steel surface and rust. Use stainless steel wool or sponge on stainless steel equipment. Heat tint removers will usually scratch stainless steel surfaces. This, however, is necessary in removing heat tint by hand. Oakite, a fibrous material, may be used in place of metal sponges or cloth pads for applying cleansers and polishes. This material is particularly effective in aiding the removal of milkstone. The action of soldering fluxes should be neutralized immediately with a five to ten percent sodium carbonate solution. The stainless steel should be thoroughly cleansed with any of the powders mentioned immediately after installation and at intervals not greater than one month thereafter. It is important that the cleaning compound be completely removed after each cleansing.