

B-830 Commercial Series

SINGLE WALL TRANSITION SUMP MANUAL

FOR STANDARD MODELS B-833, B-834, B-835 AND VARIATIONS

Features our deep
'Pour in Place'
Channel

Epoxy slurry kit
is provided
with each sump



Consult our pricelist for
standard sizes and for
size customization options
www.sbravo.com/price

- B-83X:** Transition sump with round reducer & cover
- B-830-TG:** Tank Sump (square 407-TG version) (Call for quote)
- B-84X:** Transition sump with square reducer & cover (Call for quote)
- B-85X:** Transition sump with a full width/length cover (Call for quote)

This instruction manual is designed for all variations of the B-800 Series and their varied cover types. For models with square reducers, ensure that a manway or grade level cover is selected that will allow the B-800 sump cover to be removed completely.

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MANDATORY

The B-830 SingleWall Piping / Transition Sump Series from S. Bravo Systems, Inc. MUST be installed by, and only by, **Bravo Certified Installation Contractors**. Details can be found at www.sbravo.com/cert.htm

IMPORTANT

READ THESE INSTRUCTIONS - KEEP FOR FUTURE REFERENCE

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REQUIRED TOOLS

(NOT PROVIDED)

Power/air sanders & cutters. Acetone or other cleaning solvent.

RECOMMENDED

Bravo Sand Kits

Bravo sand kits are sized to the fitting types you have and provide the best possible grind

WARRANTY

All containment systems sold by S. Bravo Systems, Inc. are warranted to be free from defects in material and workmanship for a period of one year from date of purchase. This warranty will be limited to the repair and replacement of Bravo parts only and will exclude all claims for labor or consequential damage. No other express warranties given and no affirmation of S. Bravo Systems, Inc., or its agents and/or representatives, by words or action, will constitute a warranty. IT IS EXPRESSLY AGREED THAT THIS WARRANTY WILL BE IN LIEU OF ALL WARRANTIES OF FITNESS AND IN LIEU OF THE WARRANTY OF MERCHANTABILITY.

This warranty is void if there is any evidence of modification, abuse, negligence, or improper installation. If any fittings or components, other than S. Bravo Systems approved fittings or components, are used in conjunction with any S. Bravo Systems product, the warranty pertaining to these products is immediately void.

A - SUMP POSITIONING

Determine the permanent position of the B830 Commercial Series sump according to your site drawings. During positioning, leave the top half dry-fit to the transition sump to ensure all grade measurements are accurate. Rest the entire sump on a bed of peagravel and make it level.

IMPORTANT DO NOT SET THIS SUMP ON TOP OF A RIGID MATERIAL SUCH AS CONCRETE. THE SUMP MAY ONLY BE PLACED ON PEAGRAVEL.

B - ENTRY FITTINGS

Proceed to install your entry fittings of choice. For all entry fittings, Bravo Sanding Kits are recommended for a consistent flat grind. If installing Bravo FRP entry fittings, all contact surfaces must be abraded. Bravo sumps contain no paint or gel-coat so much less grinding will be needed. Refer to the installation manuals provided by the entry fitting and piping manufacturers.

C - EPOXY SLURRY POUR

Follow the SLURRY INSTRUCTIONS manual affixed to your slurry can.

⚠ CRITICAL DURING HOT WEATHER - KEEP ALL SUMPS, SLURRY AND RESIN SHADED AND OUT OF DIRECT SUNLIGHT UNTIL TIME OF INSTALLATION. AM (MORNING) INSTALLATION IS RECOMMENDED.

⚠ CRITICAL DO NOT DISTURB THE SUMP OR IT'S PIPING UNTIL AFTER THE FULL SPECIFIED CURE TIME

D - TESTING SUMPS

- Conduct a water test **ONLY AFTER** all lamination joints and slurry pour joints are sealed and entry fittings are fully installed and all materials have fully cured. Follow all local, State or Federal regulations regarding testing protocols.

E - REPAIRING SUMPS

If tank sumps either arrive damaged or are damaged in the field, contact the factory.

F - BRAVO SNAP-LOCK COVER

The most current cover that is included with Bravo 407 Series tank sumps is the SNAP-LOCK.

To install:

- 1) Unlock cams.
- 2) Step-to-seal.
- 3) Lock cams.

If you are unfamiliar with this new cover, read all about it at:
sbravo.com/snap



You can also see a video at:
sbravo.com/videos



SNAP-LOCK Cover (SL32)

G - Concrete and Backfill Guidelines.

To ensure that no immediate or future damage is done to your Bravo Sump Reducer components, make sure that your manhole skirt **DOES NOT TOUCH OR REST ON THE TANK SUMP SHOULDER**. The Manhole Skirt should be kept at minimum of 4" away from the tank sump shoulder. Follow the manhole manufacturers instructions for installing the manhole. Also follow other details provided by tank and/or engineering firm for tank driveway pad installation.

Backfill your peagravel around the sump maintaining a minimum of 1' foot all the way around (if your site backfill is not entirely peagravel) and 4" minimum distance from the top edge of sump reducer.

When peagravel is in place, use a 3mil or thicker plastic sheet to cover the surface of the peagravel no less than 2 feet away from the sump reducer wall.

Secure this plastic barrier to the **EXTERIOR OF THE MANHOLE SKIRT** using tape or other temporary means. Do not staple or tek-screw it in place. This prevents concrete from seeping too far down into the peagravel while it is setting.

