

PLUMBING INSTALLATION KIT

The **4541-XXXX Plumbing Installation Kit** provides a custom turnkey plumbing installation for the **SUPER SCHWIEN** or **Schwien Merco-Master®** Manometer. (A unique part number is issued at time of order).

The ordering/specification procedure is as follows:

- a) Customer provides Schwien with a layout of the room (s) * in which the Manometer will be installed, including dimensions; positioning of the Manometer; the wall thickness and type of wall (e.g. concrete, block, dry-wall), for any through-the-wall plumbing.
- b) Schwien will provide Customer with a drawings showing position of the Manometer, plumbing, control panels, vacuum pumps, etc. Cabinetry is provided by the customer.
- c) Customer returns the approved drawings to Schwien.
- d) Schwien fabricates the hardware, mocks-up the Manometer and plumbing equipment, then documents, photographs and thoroughly leak tests the system.
- e) Each item in the Plumbing Installation Kit is identified, disassembled, and prepared for shipment.
- f) Customer assembles the Kit at the site, using layout blueprints and photographs. This usually is accomplished in one or two days. Or,
- g) Schwien personnel are available to assemble the Plumbing Kit and/or install the Manometer. The plumbing installation takes one to two days.

In addition, on-site training can be given to the Customer's personnel during installation of the system. Normally, the Manometer is uncrated by the customer and placed in position before Schwien personnel arrive, so the allocated time can be utilized for installation and training.

NOTE: Training time is usually two to four days, depending on the customer's requirements. Travel time to and from the site is added to the installation and training time (e.g. two days travel time is added to the five days allotted for installation and training, for a total of seven days).

*The best location for the vacuum pumps is behind a wall in a separate room, adjacent to the room where the Manometer is located. This arrangement eliminates any noise, and reduces minor vibrations and room heating caused by the vacuum pumps.