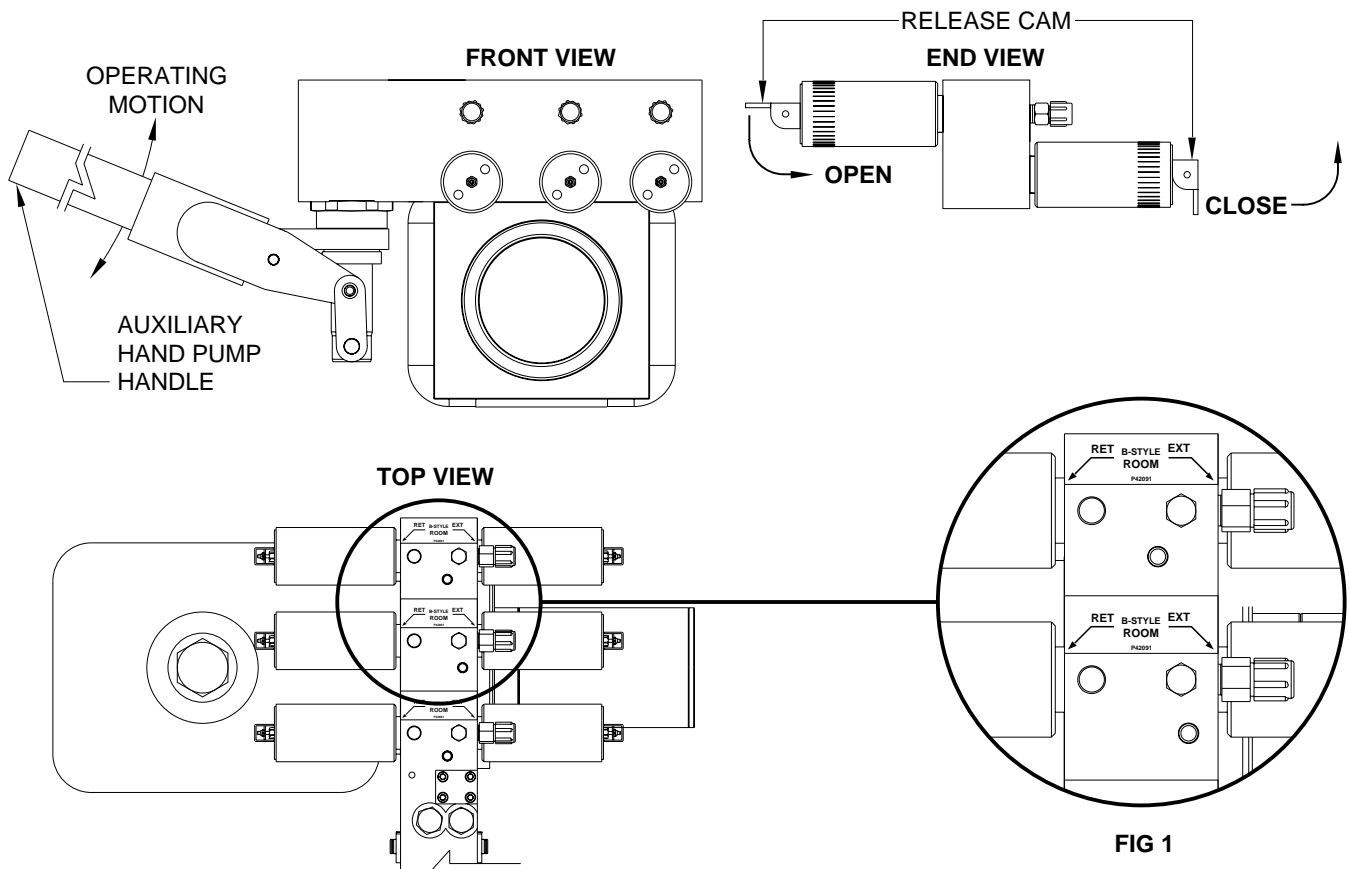


OPERATING PROCEDURES

AUXILIARY HAND PUMP OPERATION - ROOMS ONLY



NOTE: Each hydraulic function requires a pair of solenoid valves one each for the extend and retract procedures. The number of functions and the items controlled by each pair of solenoid valves will vary for each system. The diagrams shown on this page represent a (3) function system of (3) rooms as indicated by the labels shown in FIG 1. Use the labels specific to your system when following these procedures.

The auxiliary hand pump can be used to extend or retract the room extensions anytime the pump will not function.

The auxiliary hand pump is a two stage pump that will produce enough pressure to extend as well as retract the rooms. When operating the auxiliary pump to extend or retract the rooms, the pump handle will seem to "snap" as the pump goes to the second stage. The pumping action will be easier at first as the second stage starts to create more pressure.

NOTE: The hand pump will swivel to any position which will ease the operation of the hand pump.

To operate the auxiliary hand pump, open the appropriate solenoid valve. Insert the hand pump handle into the handle receptacle and move the handle in an up and down motion.

NOTE: If a room cannot be retracted using the auxiliary hand pump, see "MANUAL ROOM RETRACTION PROCEDURES".

IMPORTANT: If at any stage something is not understood or if the room begins to bind DO NOT force the room, contact HWH Customer Service for assistance 1-800-321-3494.

The auxiliary hand pump may work easier if only one valve is open at a time.

The room extend and room retract valves may be different for your mechanism(s). Always refer to the stickers on the top of the manifold assembly.

It is recommended to operate the auxiliary hand pump occasionally to check its operation.

IMPORTANT: ONLY MOVE THE RELEASE CAM IN THE DIRECTION SHOWN. MOVING THE CAM IN THE OPPOSITE DIRECTION CAN DAMAGE THE VALVES.