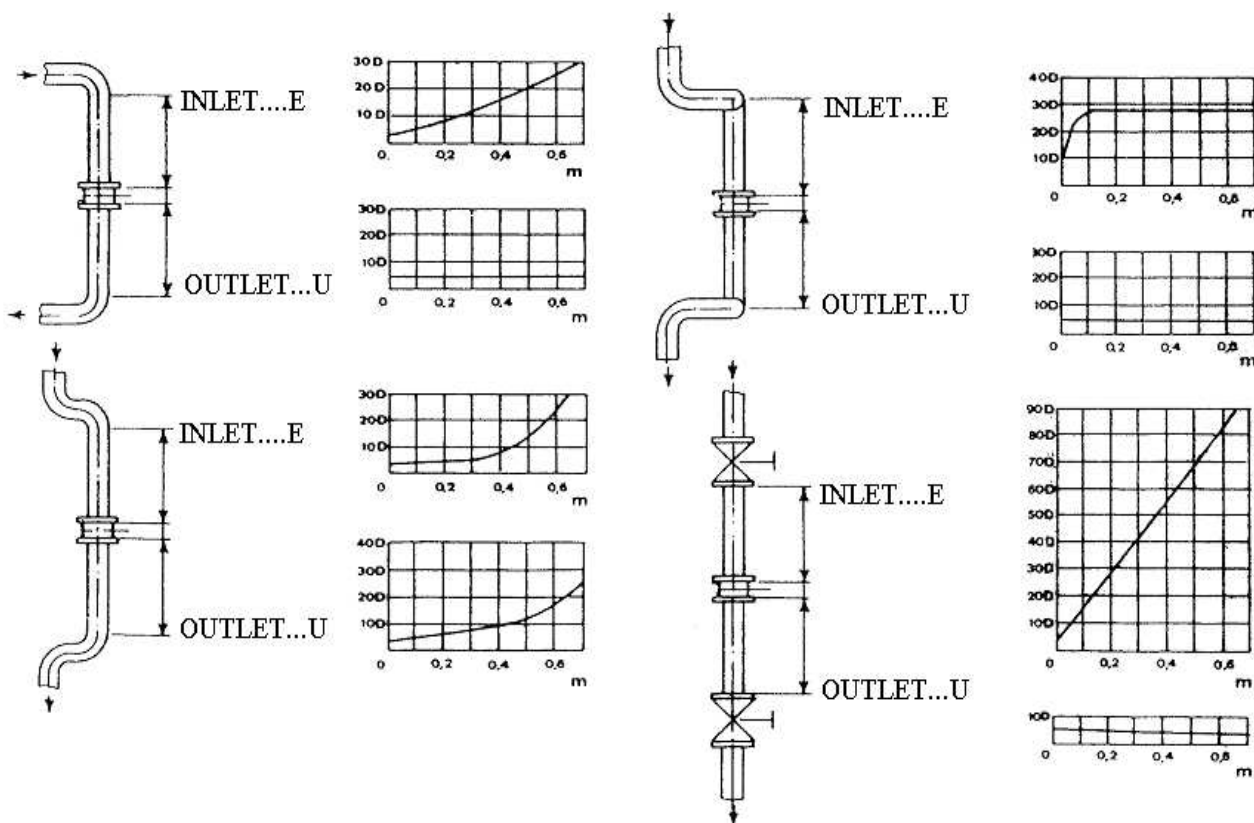


INSTRUCTION MANUAL FOR FLOWMETERS SERIES RV-FTV

RULES TO OBSERVE FOR A CORRECT OPERATION OF THE INSTRUMENT:

- THE THROTTLING DEVICE MUST BE CENTERED COMPARED WITH THE INSIDE OF THE TUBE.
- UPSTREAM OF THE INSTRUMENT THERE MUST BE NO PROJECTING PART TOWARDS THE INSIDE OF THE PIPE (GASKETS, NOT COMPLETELY OPEN GATES, WELDING SEAMS, ETC.).
- THE PIPE UPSTREAM AND DOWNSTREAM OF THE INSTRUMENT MUST BE STRAIGHT AND HAVE SAME DIAMETER FOR SUCH A LENGTH THAT NO PRODUCED PERTURBATION CAN INFLUENCE.
- THE SECTIONS OF THE RIGHT TUBE NEEDED FOR THE GOOD OPERATION OF THE INSTRUMENT, ARE INDICATED IN THE FOLLOWING DIAGRAMS WHERE THE LENGTHS ARE EXPRESSED IN MULTIPLES WITH DIAMETER "D" OF THE TUBE AND ARE OBTAINED FROM THE THROTTLING RATIO $M = \frac{d^2}{D^2}$ WHERE "d" REPRESENTS THE DIAMETER OF THE THROTTLING DEVICE.



- THE BY-PASS VALVES MUST BE COMPLETELY OPEN.
- WE RECOMMEND TO CLEAN THE INSTRUMENT PERIODICALLY IN ORDER TO AVOID POSSIBLE DEPOSITS OR FOULING THAT WOULD COMPROMISE A GOOD OPERATION.