



NOTES:

1. THE UFS CAN BE INSTALLED IN A VERTICAL POSITION WITH THE FLOW ARROW POINTING UPWARDS.
2. THE UFS SIZE MUST BE EQUAL TO OR SMALLER THAN THE INCOMING PIPE SIZE.
3. THE UFS DOES NOT REQUIRE STRAIGHT PIPE BEFORE OR AFTER SENSOR PLACEMENT.
4. NO BRICKS REQUIRED FOR RAIN BIRD VB-SERIES VALVE BOXES ONLY.

- ① RAIN BIRD PE/BPE/PGA SERIES MASTER VALVE
- ② RAIN BIRD UFS SERIES FLOW SENSOR
- ③ 36" LENGTH OF COILED CONTROL WIRE
- ④ 3" MINIMUM DEPTH OF $\frac{3}{4}$ " WASHED GRAVEL
- ⑤ BRICK (1 OF 4)
- ⑥ JUMBO VALVE BOX WITH COVER
- ⑦ FINISH GRADE
- ⑧ REFERENCE MANUAL FOR WIRING INSTALLATION INSTRUCTIONS
- ⑨ CONCENTRIC REDUCER
- ⑩ PVC MALE ADAPTER
- ⑪ PVC CLOSE NIPPLE (1 OF 3)
- ⑫ PVC UNION (1 OF 2)

MODEL	SIZE	K	OFFSET	FLOW RANGE
UFS100	1"	0.73	-1.66	0.3 – 50 GPM
UFS150	1.5"	1.70	-0.316	0.5 – 110 GPM
UFS200	2"	2.849	0.1439	1.0 – 200 GPM

MASTER VALVE AND ULTRASONIC FLOW SENSOR

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N.T.S.