



- ### IRRIGATION LEGEND
- PRODUCT DESCRIPTION**
- HUNTER I-90-36V-XX FULL CIRCLE NOZZLE AS SHOWN
 - NOZZLE PERFORMANCE: #63 FULL CIRCLE @ 7.0 Bars - 262.2 l/min 23.3m RADIUS
 - ⊕ HUNTER ICV/BEV ELECTRIC CONTROL VALVE SIZE AS SHOWN
 - ⊖ HUNTER HQ-44-XX-AW QUICK COUPLER VALVE (OPTIONAL)
 - ⊕ HUNTER ACC-2400-M SOLID STATE METAL CABINET CONTROLLER
 - ⊕ HUNTER SOLAR-SYNC-SEN ON SITE WEATHER SENSOR
 - ⊕ WATER METER MINIMUM SIZE @ 1400 l/min IS 110mm
 - ⊕ BACKFLOW/PREVENTER SIZED TO SYSTEM l/min
 - ⊕ MANLINE PIPE
 - ⊕ LATERAL PIPE
 - ⊕ SLEEVING
 - ⊕ ISOLATION VALVE LINE SIZED
 - ⊕ HUNTER FLOW SENSOR

- ### IRRIGATION NOTES
1. SPRINKLER LOCATIONS ARE TO SCALE
 2. PIPE LOCATIONS ARE DIAGRAMMATIC
 3. ALL SPRINKLERS TO BE INSTALLED ON 32mm SCH 80 SWING JOINTS
 4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
 5. MAINLINE DEPTH TO BE NO LESS THAN 400mm
 6. LATERAL DEPTH TO BE NO LESS THAN 410mm
 7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
 8. LOCATE VALVES/QCV'S OUT OF HIGH TRAFFIC AREAS
 9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
 10. QCV TO BE LOCATED IN 10" VALVE BOX
 11. ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
 12. INSTALL ALL COMPONENTS AS PER LOCAL, STATE, FEDERAL CODES
 13. REFER TO HUNTER INSTALLATION DETAILS
 14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
 15. ADD HUNTER "FS" FOR DIRTY WATER VALVE
 16. ADD HUNTER "AS" FOR PRESSURE REGULATED VALVE

SYSTEM PERFORMANCE DATA

ZONE	SIZE	FLOW m ³ /hr	PR mm/hr	DU	SC (% MAXIMUM)
A1	3"	47.2	786	16.8	.79
A2	3"	47.2	786	16.8	.79
A3	3"	47.2	786	16.8	.79
A4	3"	47.2	786	16.8	.79
A5	3"	47.2	786	16.8	.79
A6	3"	47.2	786	16.8	.79
A7	3"	47.2	786	16.8	.79
A8	3"	47.2	786	16.8	.79
A9	3"	47.2	786	16.8	.79
A10	3"	47.2	786	16.8	.79
A11	3"	47.2	786	16.8	.79
A12	3"	47.2	786	16.8	.79
A13	3"	47.2	786	16.8	.79
A14	3"	47.2	786	16.8	.79
A15	3"	47.2	786	16.8	.79
A16	3"	47.2	786	16.8	.79
A17	3"	47.2	786	16.8	.79
A18	3"	47.2	786	16.8	.79
A19	3"	47.2	786	16.8	.79

VALVE ID GUIDE

A1	STATION NUMBER
273	VALVE SIZE
1.5"	PRECIPITATION RATE mm/hr

WATER REQUIREMENT

WATER REQUIREMENT AT
-FIELD ELEVATION
-WITHIN 30m OF FIELD
-DOWNSTREAM OF BACKFLOW
IS 786 l/min @ 8.14 Bars

Hunter Industries offers this data as a general guide for estimating purposes and offers no warranty, expressed or implied, for product installed from this data. Because of the many variables of every system and of every site we recommend that a qualified engineer design or consult.