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The diagram illustrates the Hunter HGP1000 irrigation system, a compact unit designed for easy installation. The main unit is shown with various ports and connections. A USB modem is connected to the top. A 20mm brass flow meter is located on the right side. The unit features a lockable cabinet and a dosing port for fertigation. A pressure regulator with a gauge and a 20mm brass ball valve are on the left. The system is powered by a 240V supply. Water is distributed through 20mm PVC pressure pipes and 20mm Auspex pipes to the plants. The diagram also shows the connection to a 3.2/5.7L tank for fertigation. The unit is designed to be installed in a lockable cabinet.

Legend:

- BY GWC
- BY OTHERS

Components and Installation Responsibilities:

- 20mm BRASS FLOW METER
- FIXING TABS ON BACK OF BOX
- eC METER & eC METER DOSING PORT
- IRRIGATION CONTROLLER HUNTER HGP/PRO HC
- FERTIGATION DOSING PORT
- LOCKABLE CABINET
- 20mm SOLENOID
- ADJUSTABLE PRESSURE REGULATOR WITH PRESSURE GAUGE
- 20mm BRASS BALL VALVE
- 20mm COPPER WATER CONNECTION SUPPLIED & INSTALLED BY OTHERS
- 20mm SOLENOID QTY VARIES ACCORDING TO ZONING
- WATERPROOF GPO
- FERTIGATION UNIT (3.2/5.7L TANK) SIZE VARIES DEPENDING ON PROJECT SIZE
- POWER SUPPLY FOR GPO REQUIRES 240V - WIRING INSIDE BOX BY OTHERS
- 20mm PVC PRESSURE PIPE CONNECTION BY OTHERS
- 20mm AUSPEX PIPES - WATER OUT TO BE RUN TO PLANTED LOCATIONS BY OTHERS. TERMINATED IN 20mm BRASS BALL VALVE SUPPLIED & INSTALLED BY OTHERS

When you wish to conceal the irrigation controller in another location and you can run uncharged lines from the irrigation controller to the location of green infrastructure/planters.



IRRIGATION BOX | BACK-TO-BASE MONITORING

Plant room – Mains water points at location

Hydra wise unit at plant room location or hidden containment box



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Multi Core cable run to location of green infrastructure



By others

Mains water finishing on Female 20mm Ball Valve



By Plumber

Irrigation run from mains lines to drip lines

Multi core cable attached to solenoids



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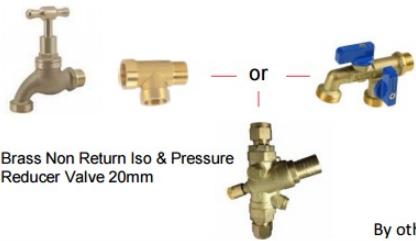
When to use:

When you wish to conceal the irrigation controller in another location and you cannot run uncharged lines from the irrigation controller to the location of green infrastructure/planters. Mains water points need to be at the location of green infrastructure/planters.

Notes: You will need more solenoids and stations in this method.

BATTERY NODE IRRIGATION

Plant room – Uncharged lines



By others



By The Greenwall Company

Female 20mm Ball Valve



By others

Uncharged copper line run through house by plumber



Irrigation run from uncharged lines to drip lines



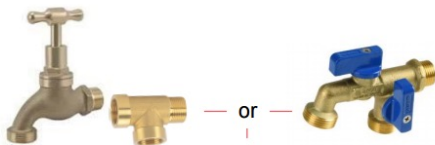
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When to use:

When you wish to conceal the irrigation controller in another location and only have a water outlet at the location of green infrastructure/planters

BATTERY NODE IRRIGATION

Water point at location



Brass Non Return Iso &
Pressure Reducer Valve
20mm



By others

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Node attached to Solenoid

Mail Director Tail 19mm



When to use:

When mains water point is at the location of green infrastructure/planters



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THANK YOU



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