



SINGLE ORIFICE AIR VALVE FOR DI, PVC AND PE PIPES UP TO 160

SIZE OF AIR VALVE ASSEMBLY

| TYPE | DIAMETER OF MAIN PIPE | INTERNAL DIMENSION | | | MIN. COVER |
|------|-----------------------|--------------------|-----|-----|------------|
| | | L | W | H | |
| A | UP TO 280 PVC/ PE | 600 | 600 | 600 | 1200 |
| B | 250 - 350 DI | 800 | 600 | 600 | 1200 |
| B | 400 - 600 DI | 800 | 600 | 600 | 1200 |

DOUBLE ORIFICE AIR VALVE FOR DI/PVC/PE PIPES ABOVE THE 160

SIZE OF AIR VALVE ASSEMBLY

| DIAMETER OF MAIN PIPE | SIZE OF AIR VALVE (PN 16) | SIZE OF ISOLATING SLUICE VALVE (HAND WHEEL OPERATED) | SIZE OF FLANGED BRANCH OFF | LENGTH OF BRANCH PIECE |
|-----------------------|-----------------------------|--|----------------------------|------------------------|
| UP TO 160 PVC/ PE | 25 SINGLE ORIFICE AIR VALVE | 25 ISOLATING COCK | - | - |
| 225&280 PVC/PE | 80 DOUBLE ORIFICE AIR VALVE | 80 D/F SLUICE VALVE | 80 | 80 DI, D/F 200 LONG |



CLIENT:
 MINISTRY OF ENVIRONMENT
 AND ENERGY

CONSULTANCY SERVICES FOR DESIGN OF WATER SUPPLY FACILITIES IN Ha.HORAFUSHI,
 Hdh.HANIMAADHOO,Sh.MILANDHOO,R.UNGOOFAARU,Lh.NAIFARU,Dh.KUDAHUVADHOO
 ,Th.GURAI DHOO AND Ga.VILLINGILI , MALDIVES

DESIGN
 ENGINEER

DRAWN
 DATE

CHECKED
 DESIGN CHIEF

APPROVED

SL.NO
 DRWING NO

DESCRIPTION



GREENTECH CONSULTANTS (Pvt.) Ltd IN ASSOCIATION WITH
 DEVELOPMENT COLLABORATION PARTNERSHIP (Pvt.) Ltd MALDIVES
 AND OPTIMUM SOLOUTIONS (Pvt) Ltd, MALDIVES

TITLE:

AIR VALVE CHAMBERS
 DISTRIBUTION NETWORK
 R.UNGOOFAARU

DATE

DRG.NO: UNGOOFAARU/STD/05
 SCALE: NOT TO SCALE