

## AIR RELEASE VALVE USER MANUAL

## INSTALLATION AND OPERATION INSTRUCTIONS OF THE AIR RELEASE VALVE

### PRODUCT INFORMATION

Valve Name	: AIR RELEASE VALVE
Nominal Diameter (DN)	: DN40 – DN300
Material	: Cast Iron, Ductile Iron, Cast Steel, Stainless Steel, Bronze
Nominal Pressure (PN)	: PN16
Working Temperature	: -10°C ...+80°C

### APPLICATION AREAS

- Cold and hot water systems
- Drinking water and irrigation systems
- Firefighting systems
- Pumping stations
- Storage tanks
- Pipe lines

- \*Before installation, the pipeline must be cleaned off all dirt such as sand, dust, welding residues etc.
- \*The pipeline should be free of tension before installation commences.
- \*Use strainers, in suitable sections of the pipeline, for future protection of the valve from dirt and foreign substances.
- \*Keep the air release valve in a clean environment and do not remove the protective caps until installation.
- \*Verify the air release valve to be suitable for the specifications of medium, such as maximum operating pressure, temperature, corrosiveness and abrasiveness.
- \* Suitable gasket material should be put between air release valve flanges and counter flanges.
- \* The arrow, on the valve body, must be in the same direction of the liquid flow.
- \*Mount one side of the air release valve. The flow direction is vertical flow up.
- \*Do not apply extra pressure to the system more than nominal operation pressure of the valves.
- \*After operating more than an hour, the valves should be controlled leaking or not. If there is a leakage from the gaskets, tighten the bolts or change the gaskets.
- \*For detail information, please look at the DIKKAN catalogue of product or get in touch with our company.
- \*Repairing and changing components cannot be done by end user. These shall be done by manufacturer