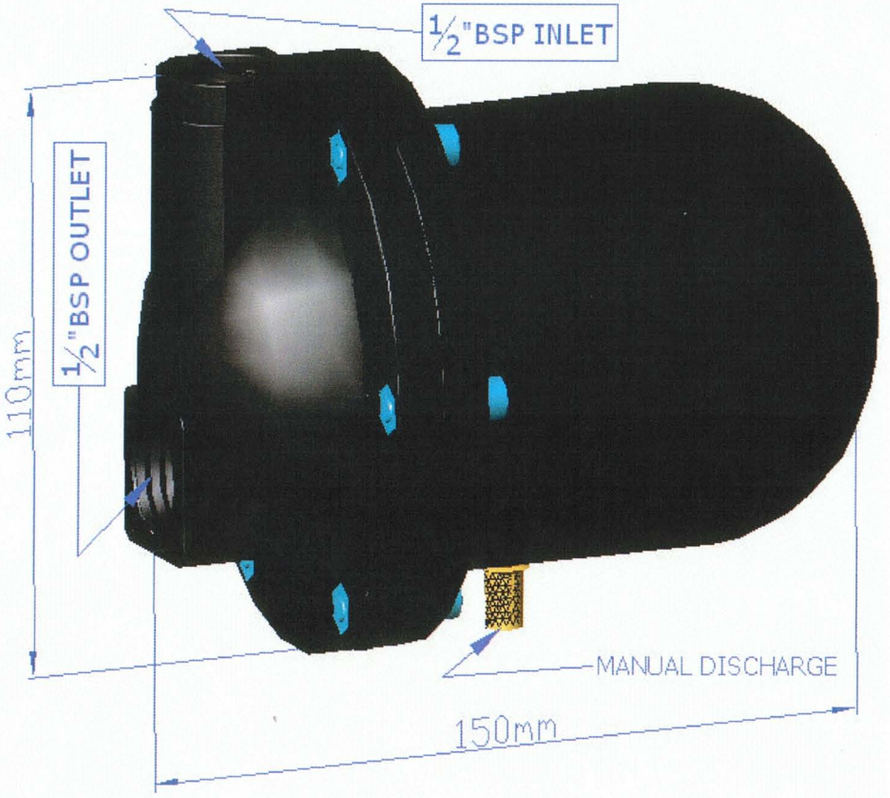
HI-LINE INDUSTRIES

EXTD416 EXTERNAL AUTOMATIC CONDENSATE DRAIN
INSTALLATION, OPERATION AND MAINTENANCE MANUAL



This manual must be read by everyone who installs, operates or maintains the equipment

DESCRIPTION

Designed to discharge condensate from filters and distributing pipes of compressed air, the EXTD416 consists of an aluminium body (cover and bowl) that contains an automatic float-type condensate discharging system, equipped with a manual function as well.

INSTALLATION

Before connecting the EXTD416, blow compressed air through the piping. This is to thoroughly clean out any dirt or impurities within.
Install the EXTD416 below the filter housing. Installation of the EXTD416 at a level higher than the filter condensate exit will result in condensate collecting inside the filter.
HINT: An open/close valve can be fitted between the EXTD416 and the filter to allow temporary removal of the EXTD416 for maintenance without having to shut down or to isolate the filter.

MAINTENANCE

WEEKLY	Using the manual feature of the EXTD416, discharge the EXTD416 until the compressed air blows through for a few seconds. If a significant amount of water (more than 200 ml) is discharged, the EXTD416 needs to be thoroughly cleaned.
YEARLY	Dismantle the EXTD416 and clean all components. Do not use solvents to clean rubber components. Lubricate the O-ring lightly with a petroleum-based lubricant that is compatible with your application.

SAFETY

All warnings, cautions, prohibitions and notes in this manual must be read beforehand and observed during installation, operation and maintenance. The user must operate with care, observing all instructions concerning health and safety, when handling, operating or maintaining the EXTD416.
Improper handling or maintenance could be dangerous and result in an accident causing injury or death.
Airfilter Engineering cannot anticipate every possible circumstance that might lead to a potential hazard. Hence, the warnings in this manual are not all-inclusive. If the user employs equipment or procedures that are not specifically recommended, the user must ensure that the drain will not be damaged or made unsafe and that there is no risk to persons or property.

Precautions on the use of compressed air

Compressed air is dangerous. Ensure all safety regulations are observed and appropriate protection worn. Never direct compressed air on your skin or at other people. Never use compressed air to clean loose dirt from clothing. Before releasing compressed air through a hose, always make sure that the free end is securely held to prevent whipping and consequent injury.

Precautions during installation and operation

The following operation limits must not be exceeded:

P_{max} = max pressure = 16 bar T_{max} = max temperature = 60 °C

Maintenance precautions

Check that all pressurised air trapped in the system is released into the atmosphere each time before maintenance is carried out.
If replacement parts are needed, use only original Airfilter Engineering spares. When disposing of parts and waste material of any kind make sure that there is no pollution of any drain or natural water.
Protect the environment by recycling where possible and using only approved methods of disposal.