

# Condensate Drain

## Series FTD-Drain



FTD KT1

FTD 1-30

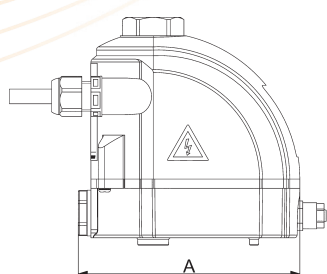
FTD-Drain series has been developed for fully automatic discharging of condensate or any other non-aggressive fluid from compressed air systems.

The units can be installed as an external drain on any application specified below. Condensate accumulates in the collecting reservoir and when the level is high enough condensate is being discharged from the system without any air losses. Fluid level is detected by a precise capacitive level sensor.

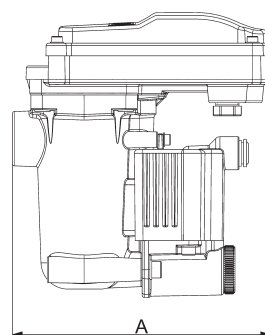
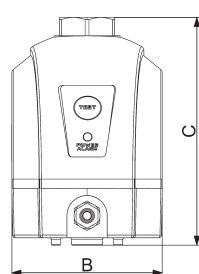
Special self-cleaning direct acting valve assures reliable operation. FTD-Drains are also equipped with operation alarm, led indicator, test button and internal strainer.

Specification	for all models
<b>Voltage</b>	115 - 230 VAC
<b>Frequency</b>	50 - 60 Hz
<b>Operating pressure</b>	0 - 16 bar
<b>Operating temperature</b>	5 - 65 °C
<b>Condensate</b>	Air, water oil
<b>Protection class</b>	IP54
<b>Voltage free contact</b>	max. 24V, max. 20mA, NC contact, voltage free

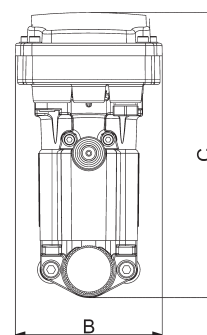
Model	Inlet	Outlet	Max. Capacity compressor	Max. Capacity dryer	Temperature	Dimensions mm			Weight
	BSP	BSP	m3/min	m3/min	min/max °C	A	B	C	kg
<b>FTD 1</b>	1/2	1/8	5	-	+5/65	120	85	130	1
<b>FTD 2</b>	1/2	1/8	10	-	+5/65	120	85	130	1
<b>FTD 3</b>	1/2	1/8	25	-	+5/65	120	85	140	1,1
<b>FTD 10</b>	1/2	1/8	48	-	+5/65	120	85	145	1,2
<b>FTD 30</b>	1/2	1/8	100	-	+5/65	120	85	150	1,3
<b>FTD KT1</b>	1/2	1/8	-	17,5	+5/65	135	78	148	0,6



**FTD 1-30**



**FTD KT1**



## Maintenance

Annual make a visual check of the drain and control for visual damage or leakage. Clean reservoir and clean or replace internal strainer at least once a year. Intervals of cleaning depend on contamination of condensate. Sealing elements are subject to wear, which depends on various operating parameters such as pressure, temperature, dirt content, etc. So replace the sealings if necessary.

Condensate discharged from compressed air systems contains significant amounts of lubricant oil. We strongly recommend connecting FTD-Drain series to an oil water separator. In most countries content of oil in waste water is regulated by law.

### Materials FTD 1-30

Housing: Aluminium und PU, ABS  
 Valve: Stainless steel  
 Sealing: NBR

### Materials FTD KT1

Housing: PA6  
 Valve: Stainless steel 1.4057  
 Sealing: NBR  
 Level-sensor: PP