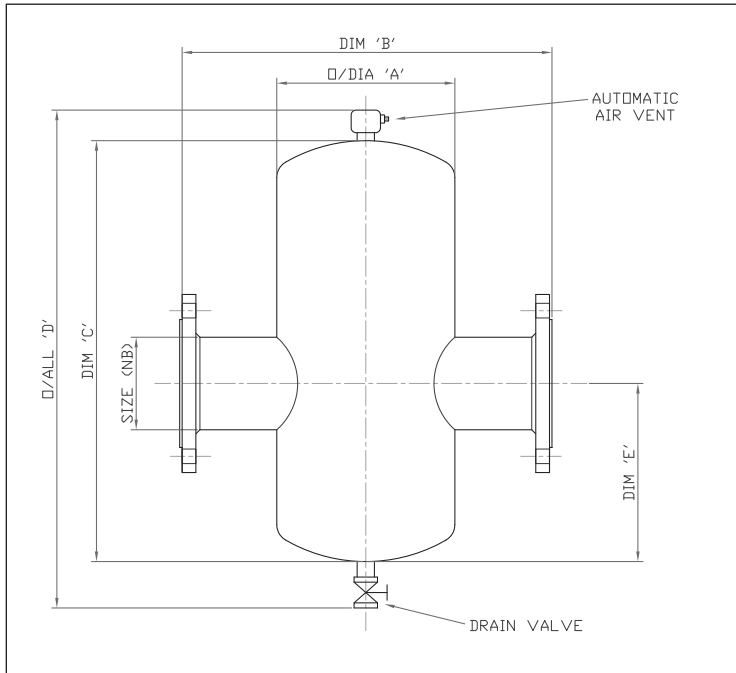


## Flanged Air & Dirt Separator

FlexEJ Air & Dirt Separators can be used in both heating and cooling systems to remove trapped air and dirt particles from the fluid.



The FlexEJ Air & Dirt separator is supplied with drain and auto air eliminator valves.

### Materials

Pipe Body & Piping: Carbon Steel  
 Flanges: BS4504 PN16  
 Air Valve: Brass

### Rating

Max Working Pressure: 10 Bar  
 Test Pressure: 16 Bar  
 Max Working Temp: 110°C

Part No.	DN	O/Dia "A"	Dim "B"	Dim "C"	Dim "D"	Dim "E"	Weight	Nominal Flow Rate @1.5m/s
		mm	mm	mm	mm	mm	kg	m <sup>3</sup> /hr
FEJ.AXD-40	40	168	350	340	550	120	11	7.6
FEJ.AXD-50	50	168	350	340	550	120	12	12.2
FEJ.AXD-65	65	168	350	340	550	120	13	20.4
FEJ.AXD-80	80	219	460	490	700	195	21	28.2
FEJ.AXD-100	100	219	460	490	700	195	24	47.6
FEJ.AXD-125	125	273	630	720	930	310	41	72.3
FEJ.AXD-150	150	324	630	720	930	310	50	103.3
FEJ.AXD-200	200	406	780	800	1010	350	69	174.3

# Flanged Air & Dirt Separator

## Application

Combines the removal of air and dirt in a single unit; helps to avoid problems such as pump failure, energy loss and corrosion. Dirt and sludge is drained off manually, whilst the automatic air vent is constantly operating.

## Performance

Optimum performance at or below the given nominal flow rate and between  $-10^{\circ}\text{C}$  and  $110^{\circ}\text{C}$ ; operating at greater than the nominal flow rate will reduce the performance of the unit. Direction of flow is at user's option.

## Installation

Ideally should be installed at the hottest point of the system or on the return leg of chilling systems. Should be installed upstream of rotating equipment, valves etc to offer best protection from dirt and entrained air.

## Pressure Drop

Calculated pressure drop for the Air & Dirt Separator

