



DUTYPOINT.COM

# CXA AIR SEPARATORS



# CX Range

**Designed to automatically  
remove dirt and air from  
heating, cooling and  
process systems.**

## PRODUCT OVERVIEW

- We offer six different standard configurations in a multitude of sizes from DN50 to DN300 as standard

# Key Features



# Specification

The Dutypoint CX range of separators automatically removes dirt and air from heating, cooling and process systems, ensuring optimum performance of your equipment at all times. These should be installed in all new buildings and can be retrofitted into existing systems to provide economic and environmental benefits. In addition, separators should be installed in any sizeable open or closed-loop system, including chilled water systems, condenser water systems and process water systems.

We offer six different standard configurations in a multitude of sizes to ensure we can provide the best solution for your application.

### CXC DIRT AND AIR SEPARATOR

- Combined units used in pipelines to efficiently remove air, microbubbles and particles.

### CXC-RE DIRT AND AIR SEPARATOR WITH REMOVABLE ELEMENT

- Same as the CXC but includes a removable flange to facilitate easy cleaning and maintenance.

### CXP DIRT SEPARATOR

- Used in pipelines to remove impurities and particles.

### CXP-RE DIRT SEPARATOR WITH REMOVABLE ELEMENT

- Same as the CXP but with a removable flange to facilitate easy cleaning and maintenance.

### CXA AIR SEPARATOR

- Used in pipelines to remove air and microbubbles.

### CXX BALANCING TANK WITH DIRT AND AIR SEPARATOR

- A combination of the above units, plus facilitating proper mixing to keep the flow in the boiler and distribution circuits the same, providing optimum hydronic balance.

### SEPARATOR SPECIFICATION

Body	Carbon steel – ST 37
Max system pressure	10 bar
Max system temperature	110°C
Internal element	AISI 304 stainless steel

### AUTOMATIC AIR VENT SPECIFICATION

Body	Brass
Connections	Screwed
Max system pressure	10 bar
Max system temperature	110°C
Float	Polypropylene

All units are designed and manufactured in accordance with Pressure Equipment Directive 97/23/EC, 1997. Larger units up to DN600 are available to order.



# CXA - Air Separators

Dutypoint CXA air separator units are installed to efficiently remove air and microbubbles from the system.

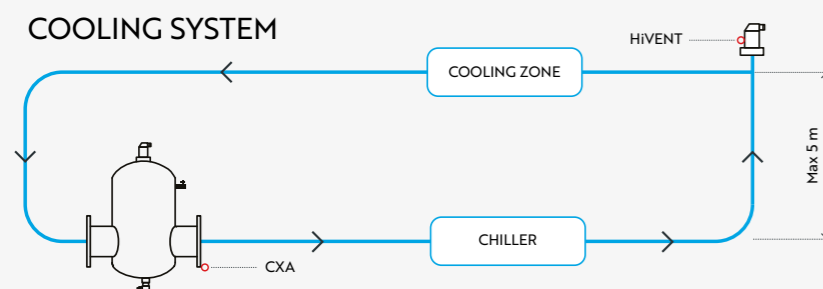
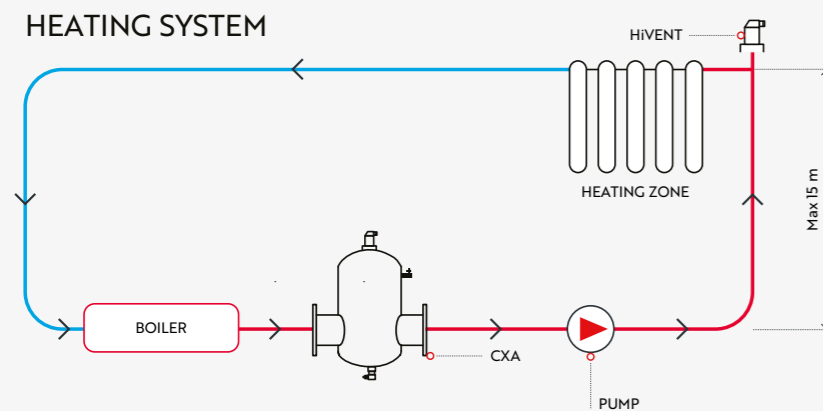
In heating systems, an air separator should be installed in the flow loop where the system experiences the highest temperature (next to the heat source) and lowest pressure. Air separators should ideally be installed immediately after the boiler and prior to the pump suction port as this is where the formation of microbubbles is greatest. In a chilled water system, the unit must be located in the return loop just prior to the chiller.

## STANDARD TECHNICAL FEATURES

- Efficient removal of air and microbubbles in pipework
- Stainless steel element
- Designed and manufactured in accordance with the Pressure Equipment Directive 97/23/EC

## OPTIONS

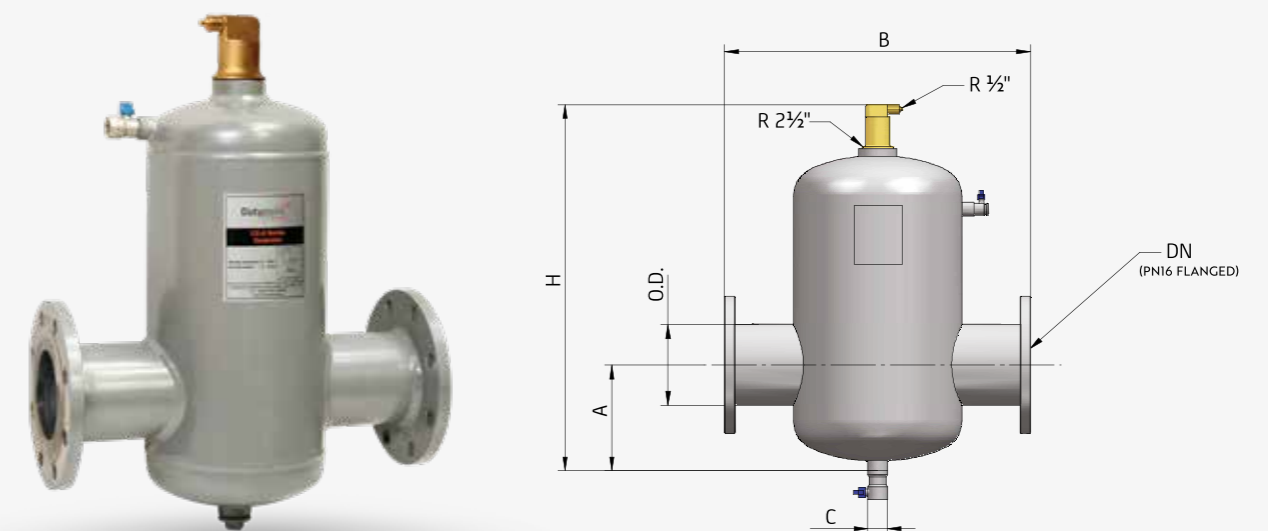
- Larger units up to DN600 available on request
- Non-standard connections



# CXA - Air Separators

## DRAWINGS AND DIMENSIONS

Model no.	Flow rate (m <sup>3</sup> /h)	Volume (litres)	Weight (kg)	Dimensions					
				DN (mm)	OD (mm)	A (mm)	B (mm)	C (inches)	H (mm)
<b>CXA air separators</b>									
CX50A	8	5	15	50	60	138	350	½"	482
CX65A	15	5	16	65	76	138	350	½"	482
CX80A	20	17	28	80	88	177	470	½"	607
CX100A	30	17	30	100	114	177	475	½"	607
CX125A	50	50	62	125	139	267	635	½"	797
CX150A	75	50	65	150	168	267	635	½"	797
CX200A	125	100	120	200	219	297	775	1"	996
CX250A	200	210	230	250	273	347	890	1"	1227
CX300A	275	360	400	300	323	385	1005	1"	1247





**Let's talk about CXA air separators**

01452 300110

ENQUIRIES@DUTYPOINT.COM

DUTYPOINT.COM