

# CAL-X-TRACT

QUALITY

INNOVATION

RELIABILITY

Calefactio's Cal-X-Tract air separators are equipped with a brush-type coalescing media, a Calvent automatic air vent and designed with an oversized housing leading to a very high efficiency. Their function is to take air out of hydronic heating systems, allowing a better energetic performance while reducing the costly maintenance frequency. Their sturdy design allows to maintain their efficiency for whole duration of the system's lifetime.

## OPERATION

Because of the heating fluid's drag effect, displaced micro-bubbles hook onto the coalescent media. They merge to form bigger bubbles, detach themselves from the media and then float up into the upper portion of the separator where they are released through the automatic air vent.

### Technical specifications

#### ► Materials

Connections: NPT, Sweat or Press ¾" to 2"  
Brass housing  
Brush-type coalescing media: SS316

#### ► Adapted fluids

Water and glycol solutions (50%)

### Features

- Equipped with Calvent automatic air vent
- Anti-clogging vent (the head is designed to stay dry and clean, reducing the risks of clogging)
- A drain port is installed at the bottom of the separator
- Brush-type coalescing media to catch the finest micro-bubbles without affecting the flow
- Reduce the risk of pump cavitating and rust by oxygen
- Improve the system's efficiency

CAL-X-TRACT				
#Model	Connection		Weight	
	Size	Type	lb	kg
CXT-075N	¾"	NPT	3.75	1.7
CXT-100N	1"	NPT	4.0	1.8
CXT-125N	1¼"	NPT	4.0	1.8
CXT-150N	1½"	NPT	4.4	2.0
CXT-200N	2"	NPT	4.2	1.9
CXT-075S	¾"	Sweat	3.75	1.7
CXT-100S	1"	Sweat	4.0	1.8
CXT-125S	1¼"	Sweat	3.75	1.7
CXT-150S	1½"	Sweat	4.6	2.1
CXT-200S	2"	Sweat	4.6	2.1
CXT-075P	¾"	Press	4.2	1.9
CXT-100P	1"	Press	4.5	2.1
CXT-125P	1¼"	Press	4.9	2.2
CXT-150P	1½"	Press	5.7	2.6
CXT-200P	2"	Press	6.2	2.8

### TECHNICAL SPECIFICATIONS

- ✓ Maximum temperature: 0-120°C (32-250°F)
- ✓ Maximum pressure: 150 PSI



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