

LTC Cannons

Streamline Range

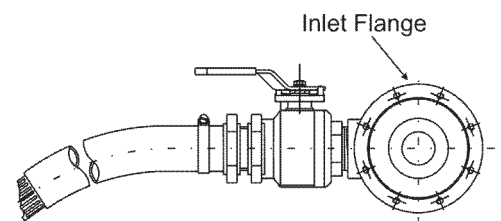
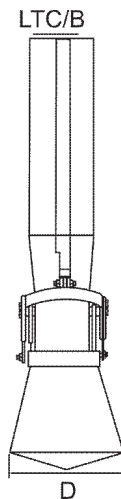
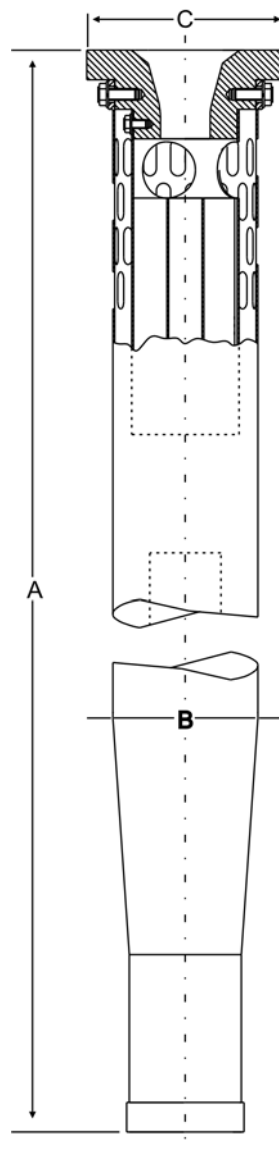
- Exceptional operational reliability
- Long life and maintenance free



Angus Long Throw LTC Cannons have been designed for a wide range of foam applications. Foam Monitor Cannons are designed for use with the Streamline range of Angus monitors and are available in three sizes with capacities of 1800, 2700 and 3600 litres/minute of foam solution at 7 bar inlet pressure. They produce low expansion foam with typical expansion ratios of 6:1 to 10:1 depending on foam concentrate selected.

These Cannons have excellent performance characteristics which enable them to project well formed and stable finished foam over long distances. LTC/B models with a foam spreader are also available. In the open position this spreader produces identical performance to the standard LTC Cannon. With the spreader closed the foam stream is widened, resulting in a more rapid coverage of the burning surface. Foam application and fire fighting are thereby made more efficient, particularly on shallow fires. The spreader is simply operated using a single lever on the Angus Oscillating Geared and Hand monitors. A robust and reliable actuator is used when fitted to Angus Remote Control Monitors.

Self-inducing LTC/SI models are also available for mounting on the Angus OM-80 Oscillating, DGM-80 Geared, or HM-80 Hand Monitor, where existing foam proportioning systems are not installed. These are supplied with 3% and 6% foam induction settings and a 3m foam pick-up tube.



SELF-INDUCING OPTION

LTC Cannons

Streamline Range

Dimensions						
	LTC			LTC/B		
	1800	2700	3600	1800	2700	3600
A	1320	1320	1302	1440	1500	1510
B	98	118	136	98	118	136
C	133	133	136	133	133	136
D	-	-	-	180	210	230
Approx weight Kg	10	10	11	14	14	16
Min. operating pressure	5 bar.g.			-		
Max. operating pressure	-			10 bar.g.		

Performance Data (Typical)						
Cannon	K Factor*	Inlet Pressure (bar g)	Nominal Flow (litres/min)	Horizontal Foam Range (metres)	Max. Vertical Foam Height (metres)	Range at max. Height (metres)
				Elevation angle 37°	Elevation angle 70°	
LTC1800/ LTC1800SI	680	5	1550	33-38	17	14
		7	1800	40-51	19	16
		10	2180	47-62	21	18
LTC2700/ LTC2700SI	1090	5	2340	38-40	17	15
		7	2700	44-54	20	18
		10	3300	49-64	22	20
LTC3600/ LTC3600SI	1360	5	3100	39-45	18	16
		7	3600	47-58	21	19
		10	4350	52-68	24	21

* Flow (litre/min) = $K\sqrt{P}$ where P = inlet pressure in bar.g.

Spreader Closed - Typical Performance at 45° Elevation			
Cannon	Inlet Pressure (bar g)	Throw (metres)	Spread (metres)
LTC1800B	5	16	9
	7	18	10
	10	21	11
LTC2700B	5	17	19
	7	18	20
	10	21	20
LTC3600B	5	17	19
	7	18	20
	10	21	20

Material Specification	
Barrel	316 Stainless Steel
Internals	316 Stainless Steel
Spreader	316 Stainless Steel
Flange	Gunmetal Flat Face 8 x 9mm holes on 115mm P.C.D.

NB Extra counterbalancing may be required when fitting to monitors that use friction locking mechanisms for elevation.

GENERAL SALES

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