

### Spirotrap® High Velocity Dirt Separator

Job Name:
Engineer:
Contractor:
Representative:

Tag	Model	Flow	Size	Location

The diagram shows a vertical cylindrical dirt separator. At the top, there are two horizontal pipe connections with a distance between them labeled 'LF'. The pipe size for these connections is labeled 'PS'. The total height of the unit is labeled 'H'. The height from the top of the main body to the center of the ball valve at the bottom is labeled 'h'. The diameter of the main body is labeled 'D'. The ball valve is offset from the centerline, with the offset distance labeled 'e'. The Spirotherm logo is visible on the top cap.

**Specifications:**

Shell	Steel
Coalescing Medium	Copper
Ball Valve	Brass
Max. Working Pressure	150 psig
Max. Operating Temperature	270°F

Notes:

PS - Pipe Size	2"	2 ½"	3"	4"	5"	6"	8"	10"	12"
D (inches)	6.3	6.3	8.6	8.6	12.8	12.8	16.0	20.0	24.0
H (inches)	21.3	21.3	27.4	27.4	37.2	37.2	47.8	63.6	75.8
h (inches)	16.9	16.5	21.7	21.3	29.7	29.1	37.6	51.2	61.0
LF (inches)	15.2	15.7	20.2	20.6	27.7	27.7	33.6	37.5	42.5
e (inches)	1	1	1	1	1	1	1	1	1
Weight (lbs)	69	75	120	141	242	277	427	730	1250
Rec. Flow (gpm)	105	155	225	405	630	910	1610	2450	3500
Model THT---FL	200	250	300	400	500	600	800	1000	1200

(Dimensions for reference only)