

Spirotrap® Junior Dirt Separator

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|-----------------|
| Job Name: |
| Engineer: |
| Contractor: |
| Representative: |

| Tag | Model | Flow | Size | Location |
|-----|-------|------|------|----------|
| | | | | |
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Technical drawing of the Spirotrap Junior Dirt Separator. Dimensions are labeled: L (total length), H (total height), h (height to valve), D (diameter), and d (pipe size NPT). The drawing shows the device with a valve handle and a chain.

Specifications:

| | |
|----------------------------|----------|
| Body | Brass |
| Ball Valve | Brass |
| Coalescing Medium | Copper |
| Max. Working Pressure | 150 psig |
| Max. Operating Temperature | 270°F |

Notes: Reverse Cap for Valve Handle

Cutaway view of the Spirotrap Junior Dirt Separator showing the internal coalescing medium and the collection chamber at the bottom. A valve handle is shown in the open position, and debris is shown being collected in the chamber.

| d (Pipe Size NPT) | | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|--------------------|------|------|-----|--------|--------|-----|
| D (inches) | | 2.6 | 2.6 | 2.6 | 2.6 | 4.0 |
| H (inches) | | 4.6 | 5.6 | 6.3 | 7.9 | 9.6 |
| h (inches) | | 3.8 | 4.3 | 4.8 | 6.3 | 8.0 |
| L (FT) (inches) | | 3.3 | 3.5 | 3.5 | 3.5 | 5.2 |
| L (SW) (inches) | | 4.1 | 4.5 | 4.5 | 4.7 | 6.9 |
| e (valve) (inches) | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| Weight (lbs) | | 2.5 | 3.0 | 3.5 | 4.0 | 8.0 |
| Rec. Flow (gpm) | | 6 | 10 | 15 | 30 | 40 |
| Model No. | TDN- | 075 | 100 | 125 | 150 | 200 |

(Dimensions for reference only)

Model Suffix: FT - Threaded NPT / SW - Sweat