

# 4900 Series Hi-Velocity Air/Dirt Separators

## Submittal Data

Submittal No: 401-135 | Effective: May 6, 2022 | Supersedes: January 10, 2017

JOB: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

### PRODUCT DATA

ITEM NO. \_\_\_\_\_ LOCATION \_\_\_\_\_

MODEL NO. \_\_\_\_\_ QUANTITY \_\_\_\_\_

GPM \_\_\_\_\_

### SPECIFICATIONS

- Designed and constructed per ASME Code Section VIII Div. 1
- Registered with the National Board of Pressure Vessel Manufacturers
- Standard Design Pressure and Temperature: 125 psi @ 240°F
- Particle removal down to 5 microns
- Construction: Carbon Steel with exterior red oxide primer finish
- 304 Stainless Steel Coalescence Pall Rings
- Taco 4900 units are designed to be self-supporting in the piping system. Factory review is necessary should any piping loads be present.

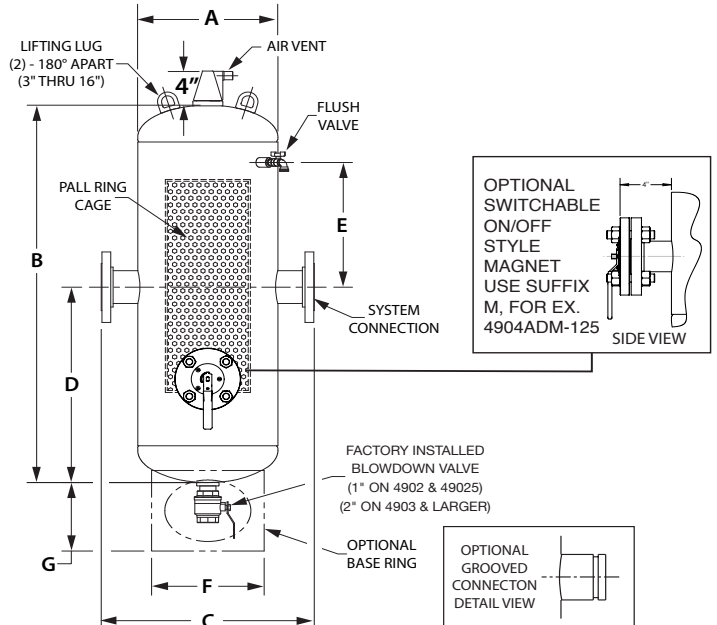
**CAUTION: LIFTING LUGS FOR RIGGING AND LIFTING USE ONLY, NOT FOR ANCHORING OR HANGING.**

### FACTORY INSTALLED

- Air Vent is suitable for water, max. 50% glycol
- Blowdown Valve
- Flush Valve

### OPTIONS

- Higher Design Pressures and Temperatures
  - 150 psi @ 240°F, Available
- Optional System Connection Sizes available
- Optional Connection Types
  - 'G' Grooved Pipe Connections up to 16"
- Optional Base Ring
  - Add Suffix 'R' (4905 thru 4916) Exp. 4912AD-125R
    - Not Available (4902 thru 4904)
- High Power Switchable On/Off Style Magnet
  - For models above 30" diameter - Consult Factory



### SIZES & DIMENSIONS

All dimensions shown are subject to change and should not be used for prepping. Contact your local Taco representative should certified dimensional drawings be required.

| PIPE SIZE | MODEL NUMBER (1) | A DIA. (INCH) | B MAX. (INCH) | C (INCH) | D (INCH) | E (INCH) | F DIA. (INCH) | G (INCH) | GPM @ 11 ft. /sec | APPROX. DRY WGT. (LBS) |
|-----------|------------------|---------------|---------------|----------|----------|----------|---------------|----------|-------------------|------------------------|
| 2         | 4902ADHT-125     | 12            | 32            | 14*      | 16       | 10       | —             | —        | 115               | 100                    |
| 2         | 4902ADH-125      | 12            | 32            | 22       | 16       | 10       | —             | —        | 115               | 100                    |
| 2 1/2     | 49025ADHT-125    | 12            | 32            | 14*      | 16       | 10       | —             | —        | 165               | 105                    |
| 2 1/2     | 49025ADH-125     | 12            | 32            | 22       | 16       | 10       | —             | —        | 165               | 105                    |
| 3         | 4903ADHT-125     | 14            | 40 1/4        | 16 1/2*  | 20 1/8   | 14 1/4   | —             | —        | 253               | 120                    |
| 3         | 4903ADH-125      | 14            | 40 1/4        | 24       | 20 1/8   | 14 1/4   | —             | —        | 253               | 120                    |
| 4         | 4904ADH-125      | 14            | 40 1/4        | 24       | 20 1/8   | 14 1/4   | —             | —        | 458               | 130                    |
| 5         | 4905ADH-125      | 20            | 57 1/2        | 30       | 28 3/4   | 21       | 18            | 13       | 686               | 255                    |
| 6         | 4906ADH-125      | 20            | 57 1/2        | 30       | 28 3/4   | 21       | 18            | 13       | 1015              | 270                    |
| 8         | 4908ADH-125      | 24            | 69 1/4        | 34       | 34 5/8   | 25 3/4   | 20            | 13 1/8   | 1730              | 520                    |
| 10        | 4910ADH-125      | 30            | 86            | 42       | 43       | 32 1/2   | 24            | 13 3/4   | 2718              | 735                    |
| 12        | 4912ADH-125      | 30            | 86            | 42       | 43       | 32 1/2   | 24            | 13 3/4   | 4124              | 785                    |
| 14        | 4914ADH-125      | 36            | 103           | 48       | 51 1/2   | 39 1/2   | 30            | 13 5/8   | 4727              | 1100                   |
| 16        | 4916ADH-125      | 36            | 103           | 48       | 51 1/2   | 39 1/2   | 30            | 13 5/8   | 6262              | 1125                   |

(1) FOR 150 PSI MODEL NUMBERS, REPLACE -125 WITH -150 \*DIMENSIONS FOR "T" OPTION ONLY - T option refers to FNPT connections

### COMMENTS