

# 4900 Series Air/Dirt Separators

## Submittal Data

Submittal No: 401-138 | Effective: May 6, 2022 | Supersedes: January 5, 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.

### FACTORY INSTALLED

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

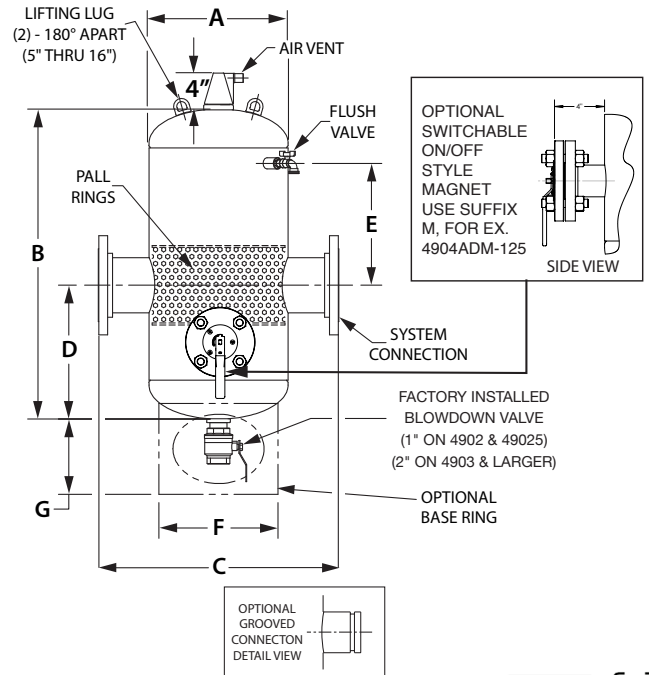
### OPTIONS

- Higher Design Pressures and Temperatures
  - 150 psi @ 240°F or higher 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

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

### 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 @ 4.9ft/sec | APPROX. DRY WGT. (LBS) |
|-----------|------------------|---------------|---------------|----------|----------|----------|---------------|----------|-----------------|------------------------|
| 2         | 4902ADT-125      | 10            | 16 1/2        | 12*      | 7 1/2    | 3 7/8    | —             | —        | 51              | 30                     |
| 2         | 4902AD-125       | 10            | 16 1/2        | 20       | 7 1/2    | 3 7/8    | —             | —        | 51              | 45                     |
| 2 1/2     | 49025ADT-125     | 10            | 16 1/2        | 12*      | 7 1/2    | 3 7/8    | —             | —        | 73              | 40                     |
| 2 1/2     | 49025AD-125      | 10            | 16 1/2        | 20       | 7 1/2    | 3 7/8    | —             | —        | 73              | 50                     |
| 3         | 4903ADT-125      | 12            | 25 1/8        | 14 1/2*  | 11 1/2   | 7 1/2    | —             | —        | 113             | 75                     |
| 3         | 4903AD-125       | 12            | 25 1/8        | 22       | 11 1/2   | 7 1/2    | —             | —        | 113             | 85                     |
| 4         | 4904AD-125       | 12            | 25 1/8        | 22       | 11 1/2   | 7 1/2    | —             | —        | 204             | 90                     |
| 5         | 4905AD-125       | 14            | 33 5/8        | 24       | 15 3/4   | 12       | 13 1/2        | 12 3/8   | 306             | 230                    |
| 6         | 4906AD-125       | 14            | 33 5/8        | 24       | 15 3/4   | 12       | 13 1/2        | 12 3/8   | 469             | 245                    |
| 8         | 4908AD-125       | 18            | 41 1/2        | 28       | 18 1/8   | 16       | 17 1/2        | 12 5/8   | 816             | 325                    |
| 10        | 4910AD-125       | 24            | 56 1/4        | 36       | 25 3/8   | 22       | 20            | 12 7/8   | 1291            | 615                    |
| 12        | 4912AD-125       | 24            | 63 1/4        | 36       | 26 3/8   | 28       | 20            | 12 7/8   | 1837            | 695                    |
| 14        | 4914AD-125       | 30            | 73            | 42       | 33       | 29 1/2   | 24            | 13 3/4   | 2106            | 1000                   |
| 16        | 4916AD-125       | 30            | 79 3/4        | 42       | 34       | 35 1/4   | 24            | 13 3/4   | 2790            | 1055                   |

(1) FOR 150 PSI MODEL NUMBERS, REPLACE -125 WITH -150

\*DIMENSIONS FOR "T" OPTION ONLY - T OPTION REFERS TO FNPT CONNECTIONS

### COMMENTS