

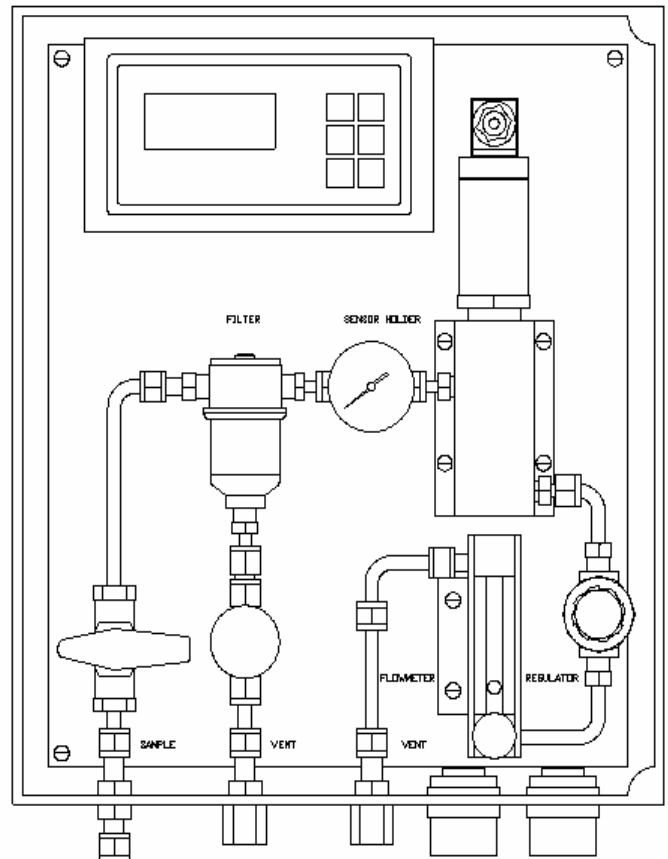
Series DDSS



Delta Dewpoint Sample Systems

Sample systems for compressed air dewpoint and dry gas moisture monitoring, featuring:

- **Low Cost** - frees plant personnel from designing and building sample systems
- **Ease of installation** - allows for fast hookup
- **Standardized components and design** - minimizes spare parts requirements
- **Customizing options** - Numerous options for changing the system design for individual plant specifications
- **Class 1, Division 2 Compressed Air Sample System** - unique low-cost design for sampling instrument air in a hazardous or classified location



Model shown above is DDSS-D-FD-L-M-4T

All Delta Dewpoint Sample Systems, Series DDSS, come complete with the following: Enameled steel or stainless steel mounting plate with 4 mounting holes, inlet and outlet bulkhead tube fittings, inlet isolation valve, pressure regulator, pressure gauge and sample cell. Two basic models are available, the DDSS-D for monitoring dewpoints at line pressure, or the DDSS-A for measuring at atmospheric pressure. Available ranges include: PPMv, PPBv, or lb/10⁶ Ft³.

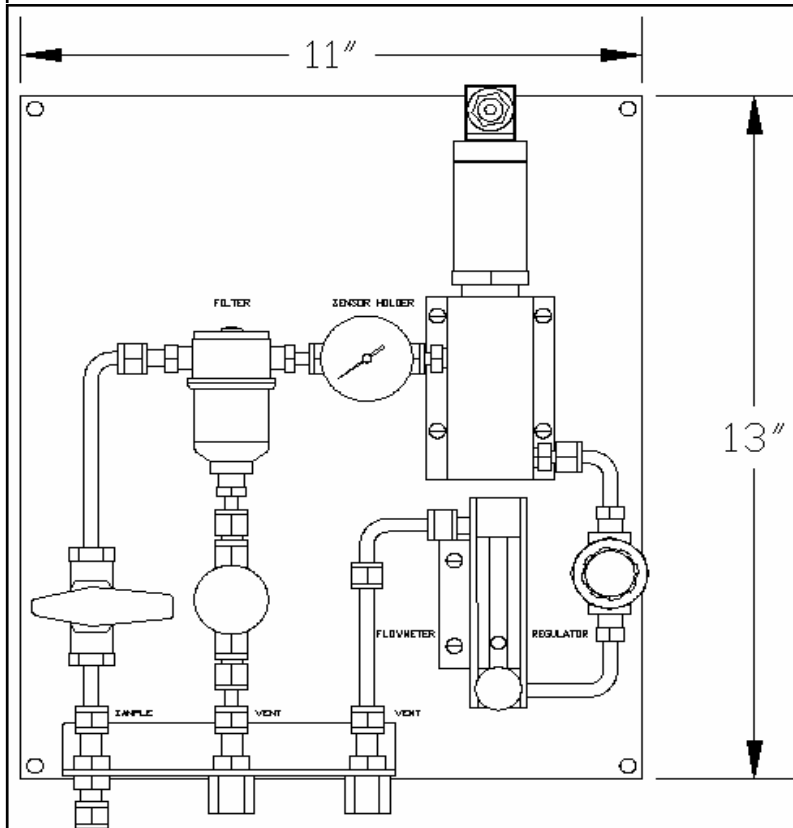
Each is supplied with all-stainless steel, glass, or PTFE wetted parts.

Numerous options are available for customizing these systems to individual plant requirements. The drawings above and on the next page show some typical systems. The model above shows the basic system set for dewpoint monitoring, with the following options: inlet filter with manual drain valve, flowmeter, instrument built on the DDSS panel, and a NEMA 4X enclosure.

This enclosure can also be supplied with an optional Z-purge for Class 1, Division 2 applications. The drawing on page two shows the basic DDSS with the inlet filter with drain valve and flowmeter options. With an optional high-pressure regulator, either of these systems can be supplied suitable for sample pressures up to 3000 PSIG. Please consult Delta for higher pressures.

| DDSS Selection Guide | DDSS - | D | FD | L | M | 4T |
|--|--------|---|----|---|---|-----|
| Sample System for measuring dew points | | D | | | | |
| Sample System for parts per million (PPMv) or lb | | A | | | | |
| No Filter | | | N | | | |
| Filter - Stainless Steel (up to 3000 PSIG) | | | F | | | |
| Filter - Stainless Steel w ith manual drain valve | | | FD | | | |
| Inlet pressures to 400 PSIG | | | | L | | |
| Inlet pressures to 3000 PSIG | | | | H | | |
| No Flow meter | | | | | N | |
| Flow meter rated to 150 PSIG | | | | | M | |
| Optional Equipment | | | | | | |
| None | | | | | | N |
| NEMA 4X Enclosure, 16" x 14" x 8" | | | | | | 4 |
| NEMA 4X Enc. w ith instrument and w indow , 18" x 16" x 10" | | | | | | 4T |
| NEMA 4X Enc. w ith instrument, w indow , and Z-purge 18" x 16" x 10" | | | | | | 4TZ |
| Example: DDSS system shown on page 1, with the instrument in a NEMA 4X enclosure | | | | | | |

Model below is a system for indoor applications DDSS-D-FD-L-M-N



Should you have any specialized requirements or technical questions, please contact Delta Instrument LLC at one of our three offices listed below, or contact the local agent listed below.

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