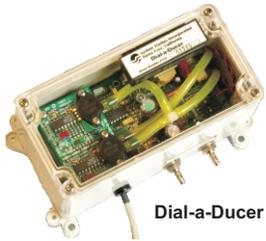


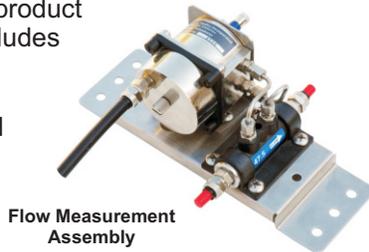
uM260 Installation (Dial-a-Ducer Replacement)



If you're planning to replace your Dial-a-Ducer with the uM260™ Micro Monitor, there are some basic installation requirements that need to be addressed. This document specifies what equipment and software upgrades you'll need to order, identifies general installation requirements (in-

cluding PressureMAP office modifications), and indicates who you can contact if you have any questions.

Please keep in mind that your Dial-a-Ducer's pressure and flow sensors were built into the unit. When you take away the Dial-a-Ducer, you lose the sensors. So, with each uM260 you install, you'll have to also order a High Resolution Dual (pressure / flow) Transducer to replace the DAD's sensors. Our Flow Measurement Assembly is the perfect product for this application. It includes a High Resolution Dual Transducer that is pneumatically connected to a Flow Finder. Both items are secured to a rugged stainless steel mounting bracket.



In addition, you will need to order a Termination Adapter to accommodate the dryer alarm conductor pair and transducer pairs. Our Part No. 9010-0060 Termination Adapter provides termination points for six monitoring devices (three binary devices and three transducer pairs). It is equipped with a standard Amphenol connector, which plugs into the back of the uM260 monitor.

Finally, each Dial-a-Ducer replacement requires the purchase of a PressureMAP Office Extender License. The License Extender needs to be obtained before PressureMAP can begin device polling and alarm distribution for the new monitor. This requirement applies to both previously unmonitored offices and Dial-a-Ducer replacement installations.

Equipment Ordering Requirements for Dial-a-Ducer Replacement:

- ✓ uM260 Micro Monitor (Part No. 9800-6260M) Qty. 1
- ✓ 6-Pair Termination Adapter (Part No. 9010-0060) Qty. 1
- ✓ Flow Measurement Assembly (see options box at bottom of page). Qty. 1
- ✓ Office Extender License (Part No. 9800-7591) Qty. 1

Installation Tips:

- The uM260 Monitor requires a source of -48V DC power. Note: this was not a requirement for the Dial-a-Ducer.
- The uM260 Monitor is supplied with two brackets for vertical mounting to a central office or equipment vault wall. For placement in an equipment rack, we offer a uM260 Rack Mount Panel Kit (Part No. 9900-0260).

PressureMAP Office and Data Modifications:

- Change *Monitor Type* designation in Office Editor from *DAD* to *uM260*.
- Change Dial-a-Ducer Transducer Types in Specific Device Information Editor to uM260 Transducer Types.
 - Pressure Transducer. New designation: CPA/30.0 (Dial-a-Ducer TD Type was DP/15.0)
 - Flow Transducer. New designation: CF/9.5, CF/19.0 or CF/47.5 (Dial-a-Ducer equivalents were DF/9.5, DF/19.0, DF/47.5).

* Please note that the uM260 monitor is supplied with a detailed *Installation and Operations Manual*. Data Entry requirements are specified in the *PressureMAP Data Entry Manual*.

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Flow Measurement Assembly Options

| SSI Part # | Description |
|---------------|--|
| 9800-3063WBS2 | Flow Finder Assy, 0-9.5 SCFH, Dual TD, 3/8" Tubing Fittings |
| 9800-3063XBS2 | Flow Finder Assy, 0-19 SCFH, Dual TD, 3/8" Tubing Fittings |
| 9800-3063YBS2 | Flow Finder Assy, 0-47.5 SCFH, Dual TD, 3/8" Tubing Fittings |

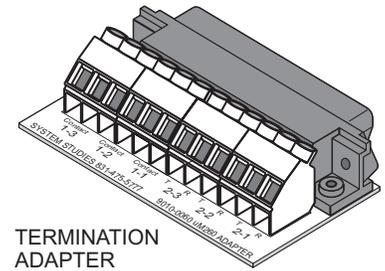
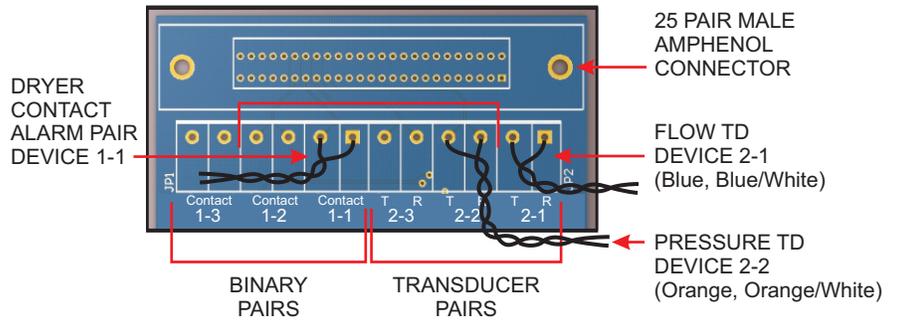
Wiring Schematic

The illustration on the right shows the required termination points for the dryer alarm, the flow transducer and the pressure transducer. Notice that the device numbers are printed on the adapter to identify the expected wiring sequence.

Device Information for Data Entry

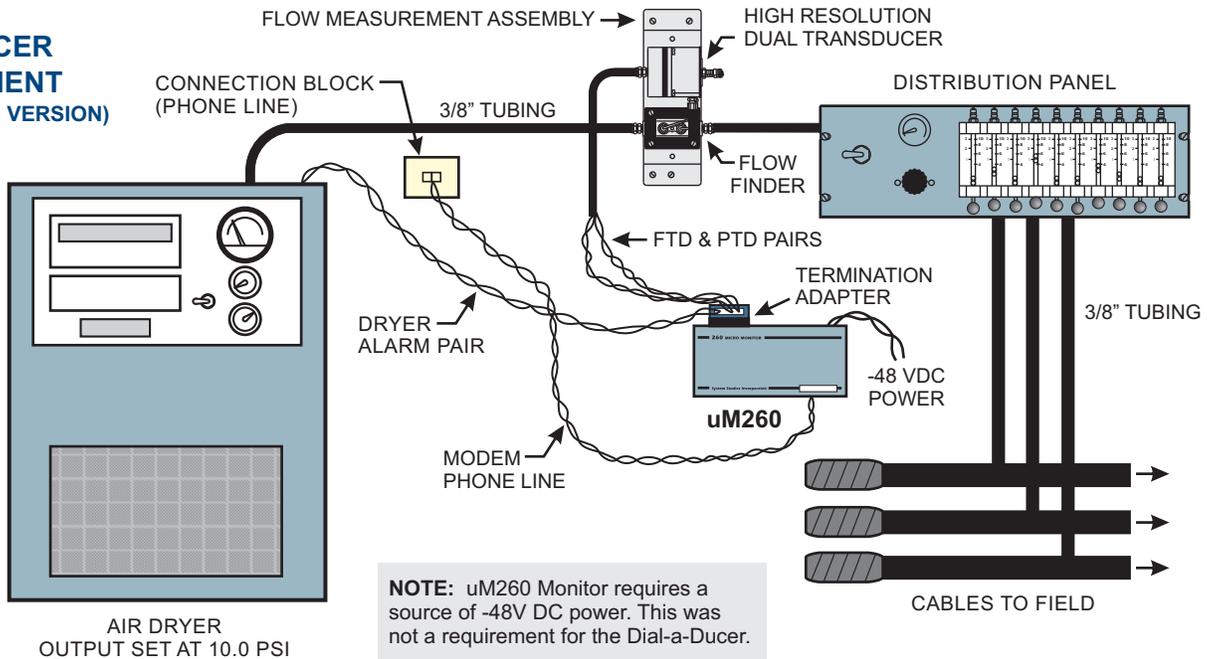
The table below contains device type and numbering information for the uM260 and PressureMAP.

| Application | PressureMAP Device Type | uM260 Device | PressureMAP Device/Access Number |
|--|-------------------------|--------------|----------------------------------|
| Dryer Contact Alarm | CA | 1-1 | 001-01 |
| Distribution Panel Flow Transducer | DF | 2-1 | 002-01 |
| Distribution Panel Pressure Transducer | DP | 2-2 | 002-02 |



Typical Installation Schematic

uM260 DIAL-A-DUCER REPLACEMENT (uM260 MODEM VERSION)



For additional information about any of the requirements or suggestions listed above please call **Sheryll Hiatt: (831) 477-8942, shiatt@airtalk.com.**

Questions about data entry changes can be directed to our **Technical Support Department: (800) 247-8255.**