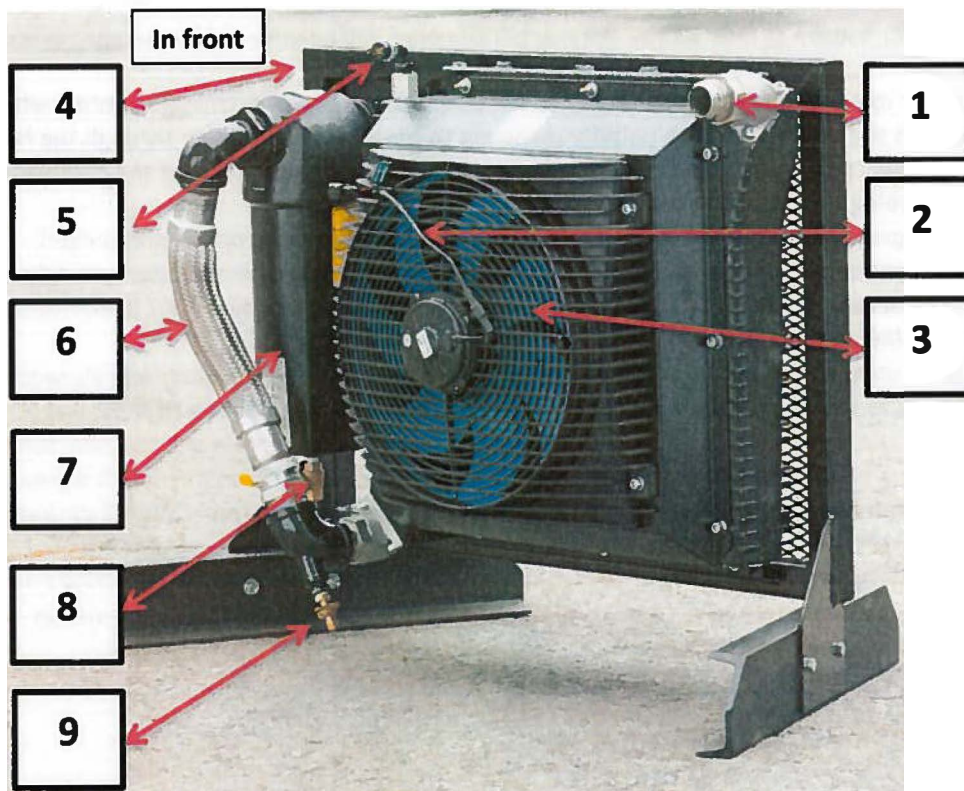


DryAIR



1	Air Inlet Connection	
2	Wiring Harness	With alligator clips or terminal rings
3	Cooler, complete with DC fan motor	12 volt, 24 volt option
4	Air Outlet Connection	Locate on the front of the cooler
5	Pressure Switch	N/O, set @ 12 psi, (2) spade connector
6	Discharge Hose	1" high pressure
7	Water Separator	No spare parts required
8	Moisture Separator Drain Valve	
9	System Depressurization Valve	



OPERATIONS GUIDE-TDM DRYAIR 400 AFTERCOOLER

1. Unit is sized for 400cfm @ max 200psi. Optimal performance will be achieved at operating pressures above 90psi.
2. Connect unit to portable battery using either the alligator clip or ring terminal adaptors which are supplied with the unit. Make sure polarity is correct to have DC fan move air through the heat exchanger toward the fan motor. Route power cord up through the bottom of the compressor to the battery being careful not to pinch or chafe wires.
3. The integral pressure switch will keep the fan from operating until the unit is pressurized.
4. The air inlet connection is at the top of the cooler (#1 on front diagram) and appropriately marked.
5. The outlet ball valve is located downstream from the water separator and filter (if equipped) and is also marked (#6 on front diagram).
6. Close the air compressor isolation valve prior to starting. Start the compressor and allow the system to stabilize before gradually opening the compressor service valve to fill the DryAIR system.
7. Slightly open the manual drain on both the separator and filter to allow water to drain during operation. Leave drains in this position during operation. Drain valve is marked with a green tag.
8. Condensate can be captured in some type of collection tray, not provided in DryAIR package, or piped away into a collection container depending on individual job site requirements.
9. The system depressurization valve, marked with a red tag, should remain closed during normal operation. This valve is intended to be used to prevent freeze ups in cold temperatures or otherwise drain the unit after use.

UNIT SPECIFICATIONS FOR 400 CFM AFTERCOOLER

WEIGHT: 170 LBS.

WIDTH: 48"

DEPTH 24"

HEIGHT 30"

FAN AMPS: 12V 19.4 AMPS/24V 9.7 AMPS (OPTIONAL)

FUSE: 30 AMPS

To install tongue mounted units simply straddle unit securely over the tongue and attach clamp with U bolts.

How it works:

TDM DryAIR aftercoolers are air to air heat exchangers that remove the heat of compression from portable air compressor discharge air. In this process moisture is condensed and collected in a cyclone separator to be drained from the compressed air stream. If the unit is equipped with an optional coalescing filter, further polishing is accomplished by trapping oil, in the form of aerosols, which are drained as well. ***Note: The filter element in the coalescing filter rarely, if ever, will require replacement due to its location in the system. The "service indicator" on the filter will alert you if necessary.**

What it will NOT do:

TDM DryAIR aftercoolers in themselves will NOT produce breathing air. They are the first step in the process but need additional components to assure breathing air quality and monitoring.

For questions about your DryAIR aftercooler or for service please call 800-287-1538 and ask for a DryAIR representative.

REV 1 7/30/15

Sold by General Machine Products (KT). LLC 3111 Old Lincoln Hwy Trevose PA 19053
215-357-5500 www.gmptools.com