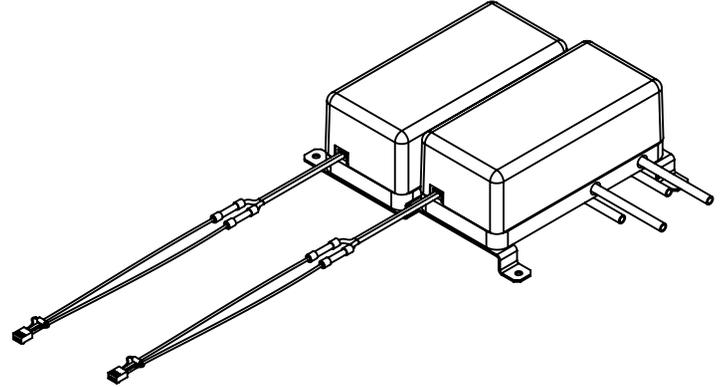# Installation Instructions

HR300-PUMPS

Description

Air pumps replacement for the HR300 dehydrator.

Notice

The installation, maintenance or removal of dehydrator systems requires qualified, experienced personnel. Commscope installation instructions have been written for such personnel. Dehydrator systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

Commscope disclaims any liability or responsibility for the results of improper or unsafe installation practices.

Main Hazards - Health Effects

<u>Eyes</u>: May cause irritation.
<u>Inhalation</u>: Viscous nature may block breathing passages if inhaled.
<u>Ingestion</u>: May cause diarrhoea.
<u>Skin</u>: For hypersensitive persons, may irritate the skin after long periods of contact.
<u>Respiratory Protection</u>: None needed.
<u>Hand Protection</u>: Protective gloves for hypersensitive persons.
<u>Eye Protection</u>: Glasses, if applied to parts in motion.
<u>Body Protection</u>: Overalls.

Table 1. Parts List		
Item	**Description**	**Qty**
1	AIR PUMP ASSEMBLY	1
2	INSTALLATION INSTRUCTION	1
3	WIRE SPLICES	4
4		
5		
6		

Tools Required
7mm Nut Driver or Socket
Crimping tool or pliers

Andrew Solutions

www.commscope.com\andrew

Notice: Andrew disclaims any liability or responsibility for the results of improper or unsafe installation, inspection, maintenance, or removal practices.
Aviso: Andrews no acepta ninguna obligacion ni responsabilidad como resultado de practicas incorrectas o peligrosas de instalacion, inspecci6n, mantenimiento o retire.
Avis : Andrew decline toute responsabilite pour les consequences de procedures d'installation, d'inspection, d'entretien ou de retrait incorrectes ou dangereuses.
Hinweis: Andrew lehnt jede Haftung Oder Verantwortung fur Schaden ab, die aufgrund unsachgemaBer Installation, Uberprufung, Wartung Oder Demontage auftreten.
Atencao: A Andrew abdica do direito de toda responsabilidade pelos resultados de praticas inadequadas e sem seguranca de instalacao, inspecao, manutengao ou remocao.
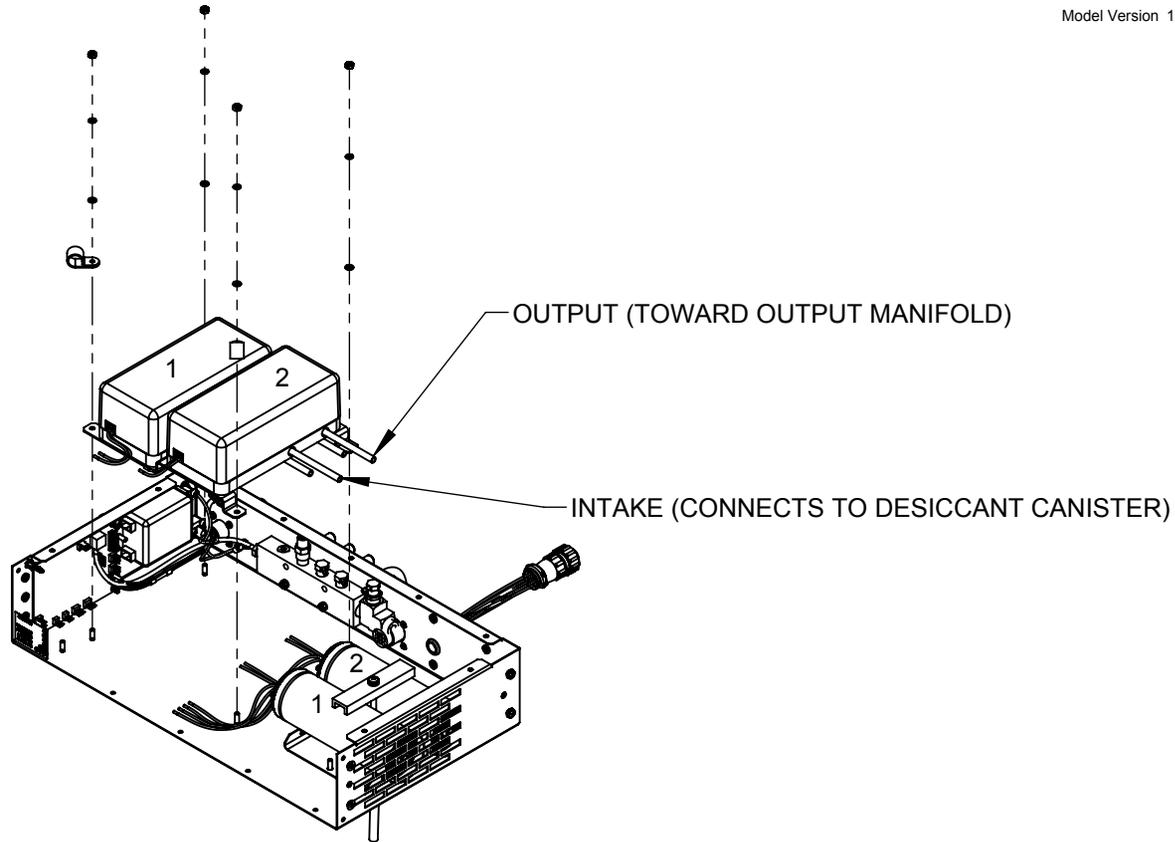Awertenza: Andrew declina eventual! responsabilita denventi dell'esecuzione di procedure di installazione, ispezione, manutenzione e smontaggio improprie o poco sicure.
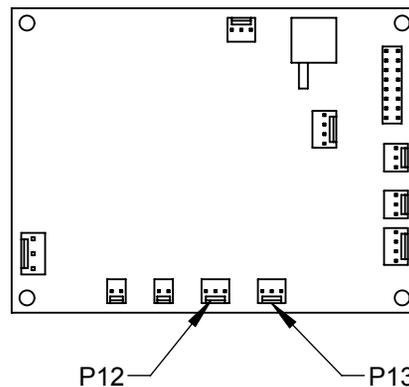注意：Andrew公司申明對於不恰當或不安全的安裝、檢驗、維修或拆卸操作所導致的后果不負任 何義務和責任

Installation Instructions

HR300-PUMPS

OUTPUT (TOWARD OUTPUT MANIFOLD)

INTAKE (CONNECTS TO DESICCANT CANISTER)

1. TURN OFF POWER AND REMOVE POWER CABLE FROM THE DEHYDRATOR.
2. REMOVE THE FOUR NUTS ATTACHING THE DUAL AIR PUMP ASSEMBLY TO THE CHASSIS.
3. WHILE REMOVING THE EXISTING PUMP ASSEMBLY FROM THE UNIT, MAKE NOTE OF THE WIRING AND TUBING CONNECTIONS. REMOVE PUMP ASSEMBLY.
4. NOTE IN THE IMAGE ABOVE THAT THE LEFT PUMP AND FRONT DESICCANT CANISTER ARE LABELLED WITH THE NUMBER 1. ALSO, THE RIGHT PUMP AND REAR CANISTER ARE LABELLED WITH THE NUMBER 2. PUMP 1 AND CANISTER 1 WILL CONNECT TO EACH OTHER JUST AS PUMP 2 AND CANISTER 2 WILL CONNECT.
5. INSTALL THE NEW PUMP ASSEMBLY. SPLICE THE WIRES TOGETHER IN REVERSE ORDER THAT THEY WERE DISCONNECTED. ENSURE THAT PUMP 1 IS CONNECTED TO THE 3-PIN HEADER ON THE CONTROL BOARD AT LOCATION P12 (LEFT CONNECTOR). ENSURE THAT PUMP 2 IS CONNECTED TO THE 3-PIN HEADER ON THE CONTROL BOARD AT LOCATION P13 (RIGHT CONNECTOR).
6. ENSURE THAT THE INTAKE FOR PUMP 1 IS CONNECTED TO DESICCANT CANISTER 1 AND THAT THE INTAKE FOR PUMP 2 IS CONNECTED TO CANISTER 2. THE OUTPUT FOR BOTH PUMPS SHOULD CONNECT TO THE TEE THAT LEADS TO THE OUTPUT MANIFOLD.

CONTROL BOARD

P12

P13