

# TECHNICAL BULLETIN

## CHANGE TO CONTROLAIR 870-BCN MINIATURE PRESSURE REGULATORS 1.7634 T17.003

IMPLEMENTATION DATE: 8/2017

MACHINE SERIAL NUMBERS AFFECTED: From 208173913

All machines from #3913

REASON FOR CHANGE		RETROFIT STATUS		PRIORITY OF UPDATE	
RELIABILITY	X	NON-RETROFITABLE		HIGH	
SERVICEABILITY		GEN 1 ONLY		MEDIUM	
AESTHETICS/INTERFACE	X	GEN 2 ONLY		LOW	
MANUFACTURING	X	MVP SERIES ONLY		OPTIONAL	X
		UNIVERSAL	X		

### SUMMARY OF CHANGES:

Synesso has changed the pressure regulator for MVP Hydra models, part 1.7630, from a single Watts regulator to individual ControlAir regulators. This ControlAir type 870 regulator will be installed on each individual pump rather than relying on one regulator for all pumps. This will allow for greater individual line pressure control and ease of use. All new MVP Hydras will come standard with a water manifold that will feed each pump and motor. Installation on a new MVP Hydra involves adjusting regulated pressure which is controlled by a locking knob. The regulator can be easily rebuilt in the event of failure.

### DISCONTINUED PARTS:

We will no longer use the Watts Pressure Regulator, part # 1.7630

### NEW PARTS:

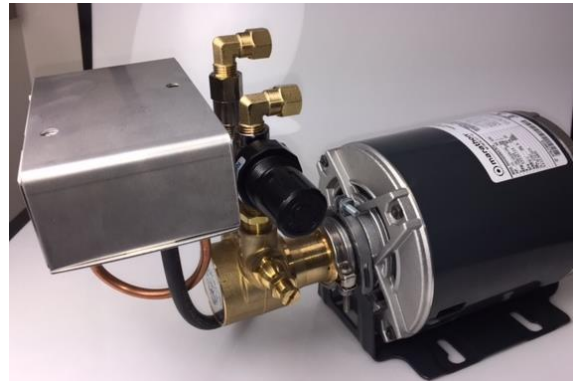
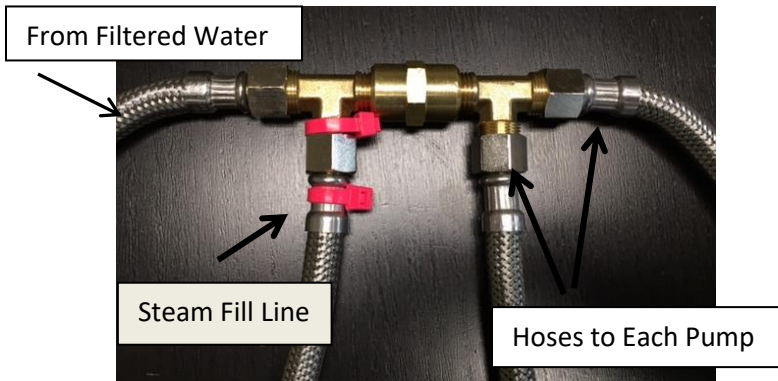
- 1.7634 – ControlAir 870 Mini Regulator
- 1.7629 – 1 Group Hydra Manifold
- 1.7632 – 2 Group Hydra Manifold
- 1.7633 – 3 Group Hydra Manifold

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## NEW PRESSURE REGULATOR CONFIGURATION



### NEW PUMP AND REGULATOR FOR MVP HYDRA



#### REGULATOR REPLACEMENT PARTS

PART 1.7629—1 GROUP MANIFOLD

PART 1.7632—2 GROUP MANIFOLD

PART 1.7633—3 GROUP MANIFOLD