



# SERVICE BULLETIN



EMEA Replacement Components Division

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<b>Title:</b> <b>FLOW SWITCH : --HR—12AA-009—EE REPLACEMENT</b>		
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<b>Category:</b> Information		
<b>Dealer Bulletin Number:</b>		

**Subject: --HR—12AA-009—EE flow switch replacement**

Dear Customers,

Flow switch reference --HR—12AA-009—EE is no longer available .ERCD will propose replacement of this part .

New flow switch reference is P/N: **00PPG000472900A** in addition to this one must be order cable (5 pins to 4 pins adaptor) reference **4X0.5+M12M/F**

In most of application (see below different cases), the new reference can be used without any setting .

For some others, original setting 60 cm/s will have to be modified by using the Adjusting setpoint Button reference P/N :**00PPG000473000A**.





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A : --HR—12AA-009—EE direct replacement by 00PPG000472900A + 4X0.5+M12M/F :

**This replacement can be done without any adjustment on chillers 30GK/30GX/30HXC/30HZ/30HZV /19XR running with “ FRESH WATER” as water loop medium**

B : --HR—12AA-009—EE replacement by 00PPG000472900A + 4X0.5+M12M/F and 00PPG000473000A for flow setpoint adjustment:

**The below procedure will have to be applied for 30GK/30GX/30HXC/30HZ/30HZV running with a water loop containing glycol for Brine Application or Winter Protection and also for flow switch used on condenser for option 150**

## ADJUSTMENT PROCEDURE:

**Warning: The chiller must be on standby without Flow on it**

-Remove the original flow switch --HR—12AA-009—EE

-Mount at same location the new flow switch 00PPG000472900A

-Connect the adjustment setpoint button 0PPG000473000A in serial between the new flow switch and the cable from the electrical cabinet. In case of need insert also the adaptor cable 4X0.5+M12M/F

**=> Wait more than 14 seconds after power ON before doing anything. During this 14 second the light of the adjustment setpoint button is ON, if not please check connection.**

1- Press on the top of the adjustment setpoint button during more than one second

⇒ **Set up initialisation**

2- Release the adjustment setpoint button between 1 to 5 seconds

3- Press another time on the top of the adjustment setpoint button during 10 seconds and release it

⇒ **This duration of 10 seconds is corresponding to the water speed of 10 cm/s needed to set minimum flow for brine application ,condenser of option 150 and water loop containing glycol for winter protection**



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**4- Five seconds after the release of the adjustment setpoint button, the green light switched ON**

⇒ **Time of light ON in seconds is corresponding to the water speed setting.**

**5- Wait at least another 5 seconds time without doing anything to authorize internal check**

⇒ **If duration of point 4 is corresponding to the expected setting (in your case 10 seconds),you can disconnect the adjustment setpoint button and reconnect cable on the replacement flow switch , the adjustment is completed**

⇒ **If duration of point 4 is not corresponding to the expected setting (in your case 10 seconds),restart the setting procedure from point 1**

**Nota: For any reason the replacement flow switch reference 00PPG000472900A failed, same procedure will have to be applied on the new 00PPG000472900A**

Best regards,  
ERCD team