

# Condensate pump

Installation Manual

# Dantherm®

CONTROL YOUR CLIMATE

## Introduction

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This document shows how to monut a drainpump on a Dantherm DC Split Air Condition unit.

If the condensate water cannot drain properly, a condensate pump can be installed.  
The part number for the drain pump is: 097028.

### Tools needed

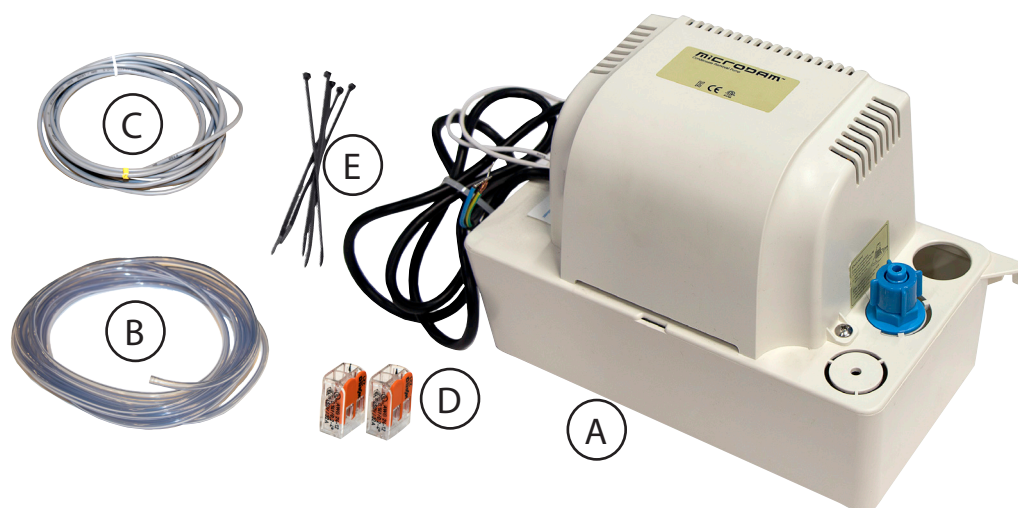
You need the following tools to install the pump:  
Standard handtools including screwdrivers and pliers.

### Warning



Switch off all power to the unit before you start mounting the pump.

The condensate pump kit includes the components shown below:



Part		Qty
A	Condensate pump	1
B	Waterhose 10/6	5m
C	Cable for alarm (2 x 0,5mm <sup>2</sup> )	3m
D	Connectors	2
E	Cable ties	2

## How to install condensate pump onto the unit.

### Introduction

When the condensate pump has been prepared, it can now be mounted below the unit.

### Procedure

Step	Action
1	Mount the drainage hose to the driptray and adjust the hose length to the pump
2	Mount the pump on the wall below the driptay .
3	Install the drainage hose into the watertank
4	Mount the outlet tube to the blue nipple and direct it out of the building
5	Use cable tie to fasten the hoses
6	Connect 230V AC power to the pump
7	The alarm output can be connected to digital 2 on the DC Split Air conditioner



1,2 & 3

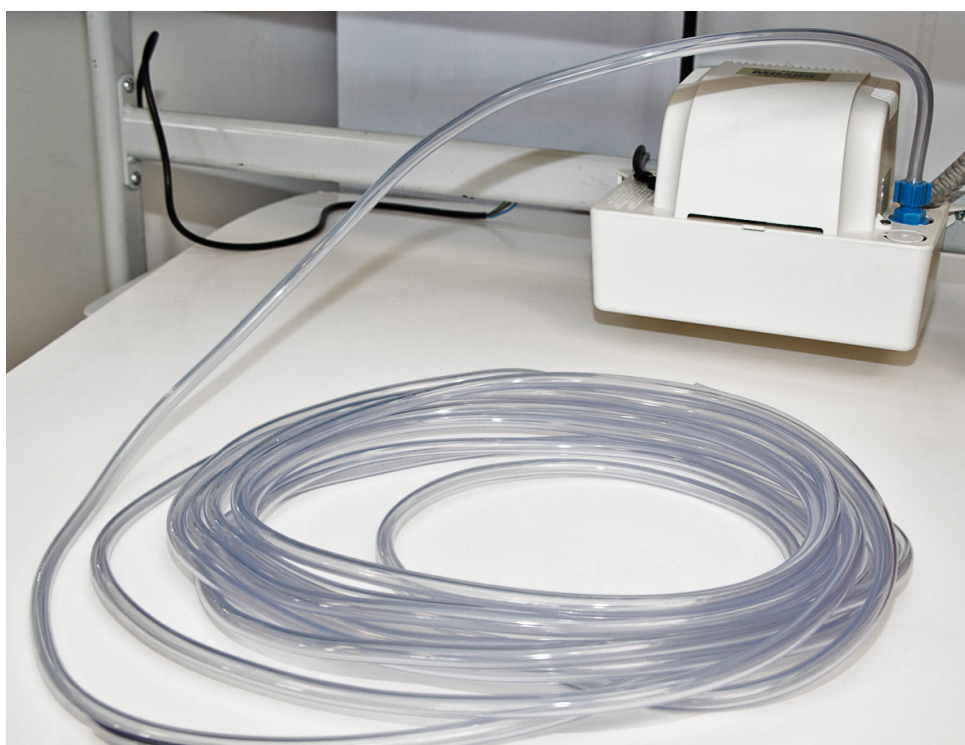
Mount the pump below the drip tray



Mount the drainage hose to the drip tray and adjust the hose length to the pump and Install the drainage hose into the watertank

4

Mount the outlet tube to the blue nipple and direct it out of the building



5 Fasten the hose with cable ties

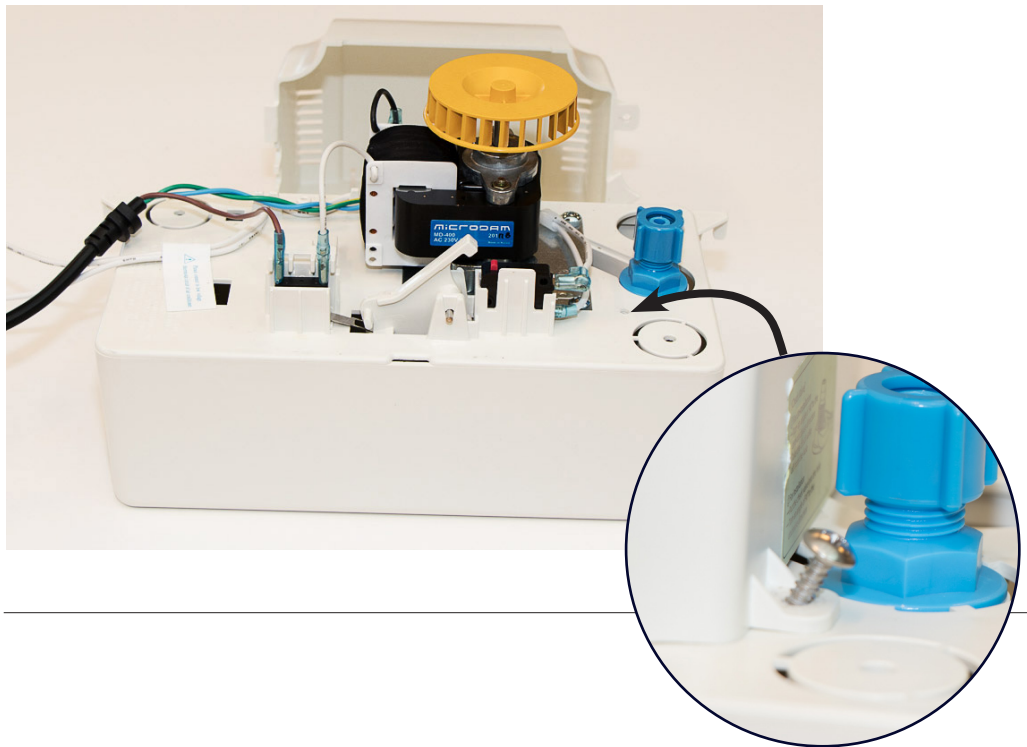
6 Connect 230V AC power to the pump,  
Max 1,6Amps  
Recommended fuse: 6Amps



7 The alarm output can be connected to digital 2 on the DC Split Air conditioner - ( NO )

**Change tank alarm from  
NC to NO**

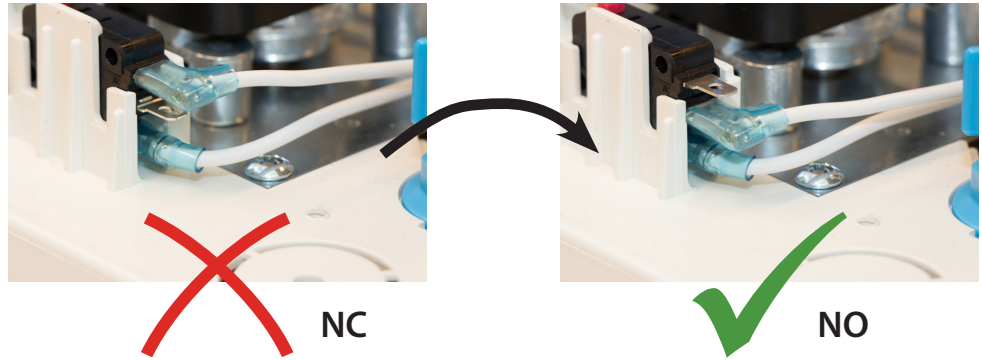
Remove the topcover of the pump



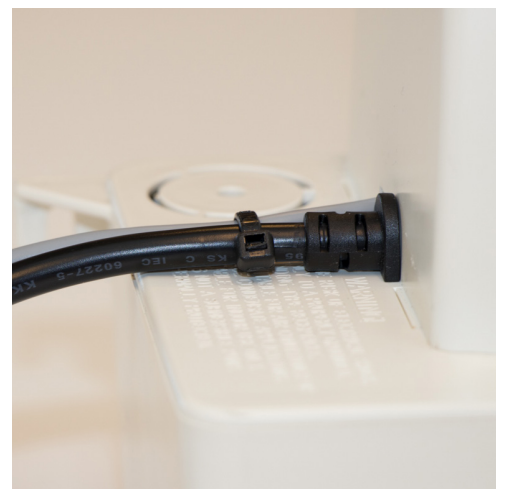
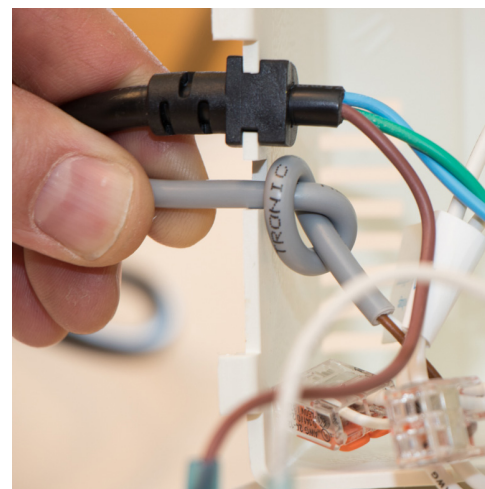
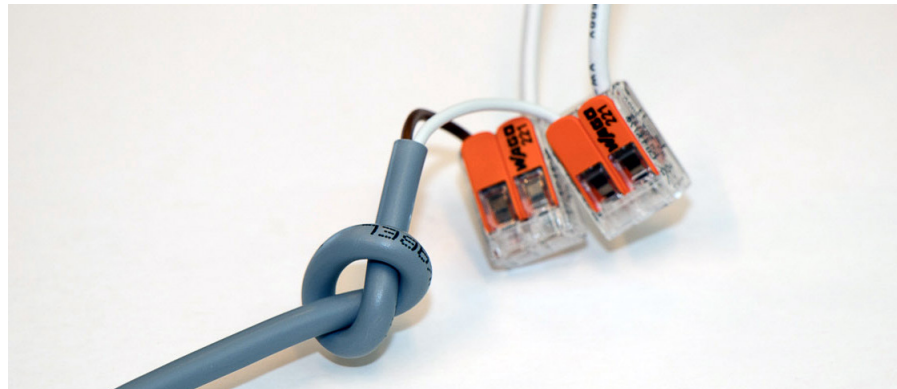


8 Move the wire from NC to the NO contact set as shown below

**Normally Open**

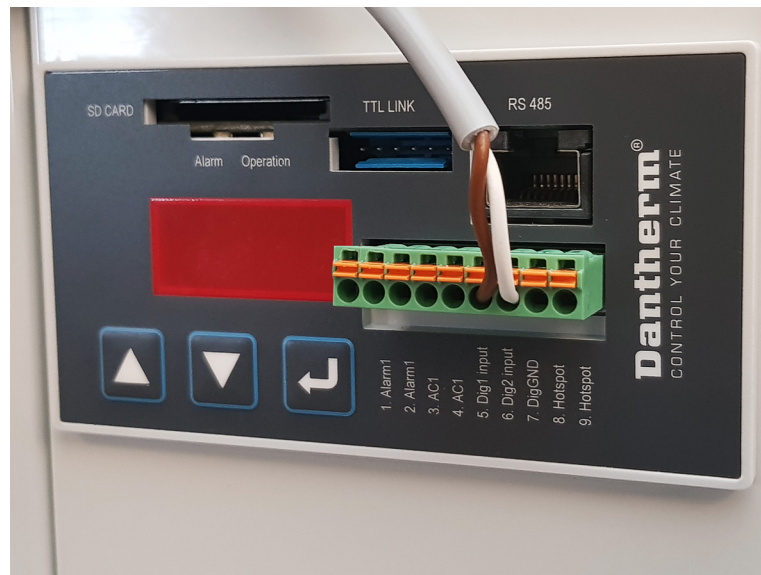


Extend the wire using the two connectors.  
Make a knot on the wire to keep it inside the cover.



Secure wire with a cable binder outside the cover.

Connect to controller at DC  
Split Air Condition 3500.



Pin 6: Digital 2 input  
pin 7: Digital Ground.

When the water tank is full the DC Split Air conditioner will give an alarm output and error **E 15** will be stated in the error list at the display unit.

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