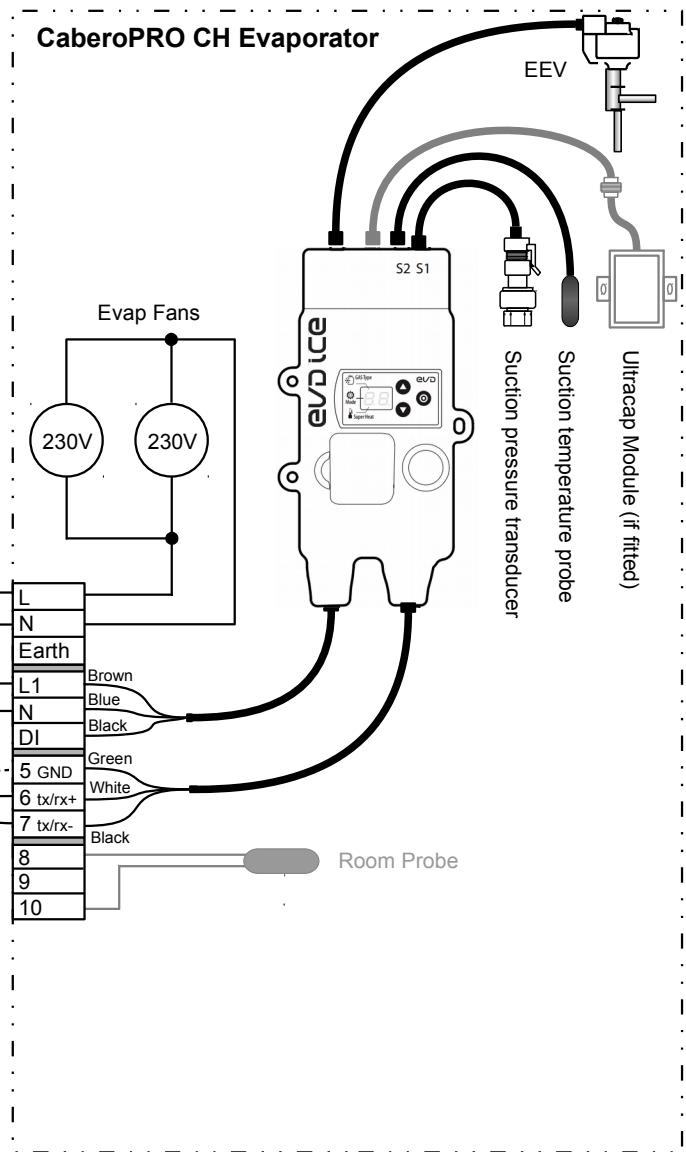


**Note:** EVD Ice DI Input is N/A with Comms Connected.



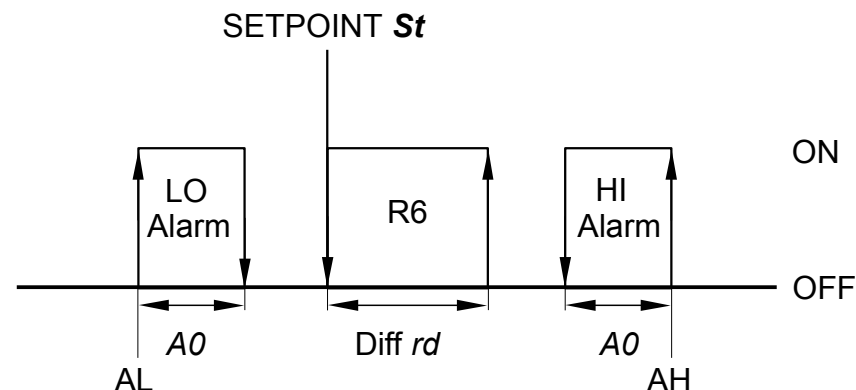
**Application Guide:**  
Ultracella Medium Temp, with  
CaberoPRO CH

<b>CAREL</b> Phone 02-8762 9200 Email cst.au@carel.com	Part number	Description	 Connected  NOT Connected  Normally Open contact  Normally Closed contact
	WB000DG0F0	UltraCella double display, revision 2.0	
	NTC030HP03	Carel NTC temperature sensor, 3m	
	PGDEWB0FZK	Ultracella service pGD tool	
Drawn by: BF Date: 01/03/2018	+0300083EN	UltraCella user manual	
Checked by: PV Date: 08/03/2018	Drawing: Ultracella_MT_CH_CaberoPRO		Rev: 2.0

Ultracella Parameters	
<b>1. Probes (PRO)</b>	<b>10. Door &amp; Lights (doL)</b>
/t2 = 21 Display Superheat	A3 = Disable door switch 1 = Disabled
/A2 = 0 Disable defrost probe B2	<b>14. EVD ICE (ICE) *</b>
<b>2. Control (CtL)</b>	IPE = 1 Enable EVDice Driver
St = Setpoint	PH = Refrigerant type ** 1 = R22, 2 = R134a 3 = R404A, 4 = R407c, 11 = R744
rd = Differential	tr1 = Enable temperature data logging. 3 = Regulation probe
<b>4. Defrost (dEF)</b>	IrE = 1 EEV Application (Cold Room)
d0 = Defrost type 2 = electric/time	IP3 = 6 Superheat Setpoint
dl = Defrost intervals (hrs)	IS1 = 3 Pressure sensor used (3 = standard supply -1.0 to 9.3 bar)
dP1 = Max defrost duration (min)	IC1 = 2K Low superheat threshold
<b>5. Alarm (ALM)</b>	IC3 = L.O.P. set as SST Coolroom set as -12 Freezer set as -35
A1 = Alarm type 0 = relative, 1 = absolute	IC5 = 15 M.O.P. set as SST
AL = Alarm low threshold	IIA = 1 Disable operation mode on EVD Ice (1 = Disable, recommended)
AH = Alarm High threshold	IU4 = 40% Valve opening position on start up
Ad = Alarm delay (min)	ICG = 1 Enable EVD Ice regulation
<b>6. Evaporator Fan (Fan)</b>	
F0 = Fan management 4 = Fan always On	
<b>7. Configuration (CnF)</b>	
H0 = Serial address	
H1 = 1 Aux 1 Alarm Output	
tr1 = Enable temperature data logging. 3 = Regulation probe	
trc = Sample time for recording (min)	

\* Once connected to the EVD Ice via communication, it is not necessary to set any parameters at the EVD Ice itself. It can be programmed at the Ultracella.

\*\* Refer to the manual for full refrigerant selections



**Comissioning Tool:**  
PGDEWB0FZK



#### How to retrieve the data log with USB:

1/ Insert a USB into the Ultracella

2/ Press 'PRG' and 'Set' until the display shows 'HcP', then scroll to 'LoG'.

3/ Press 'Set' to confirm the download, the display will flash 'LoG' during the download.

4/ Press 'PRG' until you exit the menu, remove the USB.

# CAREL

Phone 02-8762 9200  
Email cst.au@carel.com

Drawn by: BF Date: 01/03/2018

Checked by: PV Date: 08/03/2018

Part number

WB000DG0F0

NTC030HP03

PGDEWB0FZK

+0300083EN

Description

UltraCella double display

Carel NTC temperature sensor, 3m

Ultracella service pGD tool

UltraCella user manual

Drawing: Ultracella\_MT\_CH\_CaberoPRO

Rev: 2.0

