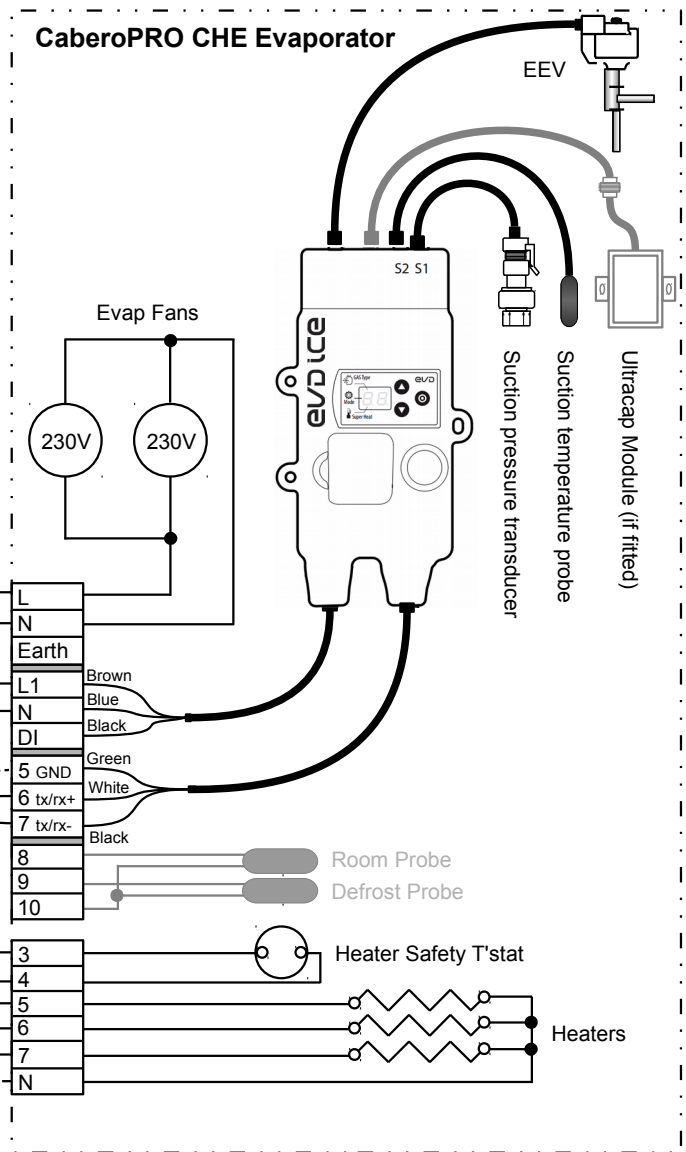


Note: EVD Ice DI Input is N/A with Comms Connected.

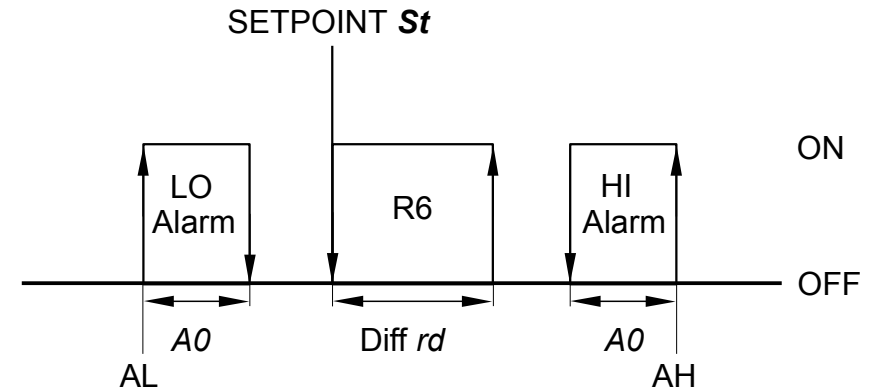


Application Guide:
Ultracella Low Temp, with Caberopro CHE

<p>Phone 02-8762 9200 Email cst.au@carel.com</p>	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_LT_CHE_Caberopro		Rev: 2.0

Ultracella Parameters	
1. Probes (PRO)	7. Configuration (CnF)
/t2 = 21 Display Superheat	H0 = Serial address
/A2 = 1 Enable defrost probe B2	H1 = 1 Aux 1 Alarm Output
2. Control (CtL)	tr1 = Enable temperature data logging. 3 = Regulation probe
St = Setpoint	trc = Sample time for recording (min)
rd = Differential	10. Door & Lights (doL)
4. Defrost (dEF)	A3 = Disable door switch 1 = Disabled
d0 = Defrost type 0 = electric/temp, 2 = electric/time	14. EVD ICE (ICE) *
dl = Defrost intervals (hrs)	IPE = 1 Enable EVDice Driver
dt1 = Defrost terminate temp (evap)	PH = Refrigerant type ** 1 = R22, 2 = R134a 3 = R404A, 4 = R407c, 11 = R744
dP1 = Max defrost duration (min)	tr1 = Enable temperature data logging. 3 = Regulation probe
5. Alarm (ALM)	IrE = 1 EEV Application (Cold Room)
A1 = Alarm type 0 = relative, 1 = absolute	IP3 = 6 Superheat Setpoint
AL = Alarm low threshold	IS1 = 3 Pressure sensor used (3 = standard supply -1.0 to 9.3 bar)
AH = Alarm High threshold	IC1 = 2K Low superheat threshold
Ad = Alarm delay (min)	IC3 = L.O.P. set as SST Coolroom set as -12 Freezer set as -35
6. Evaporator Fan (Fan)	IC5 = 15 M.O.P. set as SST
F0 = Fan management 3 = Evap Temp, 4 = Fan always On	IIA = 1 Disable operation mode on EVD Ice (1 = Disable, recommended)
F1 = Fan start temp (evap)	IU4 = 40% Valve opening position on start up
Frd = Fan differential	ICG = 1 Enable EVD Ice regulation
F2 = Fan deactivation delay (min), n/a if F0 = 4	
F3 = Fans in defrost 0 = On, 1 = Off	
F5 = Fan cut out temp (Absolute)	

* 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

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Description

UltraCella double display

Carel NTC temperature sensor, 3m

Ultracella service pGD tool

UltraCella user manual

Drawing: Ultracella_LT_CHE_CaberoPRO

Rev: 2.0

