





Ecolabel (35°C / 55°C)			A+ / A+		Ecolabel (35°C / 55°C)		
Binnenunit	Type	WHD16			Type	Unité intérieure	
	Fabriekscode	WGHG140DG			Code de fabrication		
Buitenunit	Type	WOH16RIYF			Type	Unité extérieure	
	Fabriekscode	WOHK160LCTA			Code de fabrication		
Koelmiddel	R410A			Réfrigérant			
Verwarming (*)	Vermogen +7°C/35°C	kW	15,17	kW	Puissance +7°C/35°C	Chauffage (*)	
	Opgeen. elektr. vermogen	kW	3,70	kW	Puissance él. absorbée		
	COP		4,10		COP		
	Vermogen +2°C/35°C	kW	4,97	kW	Puissance +2°C/35°C		
	Opgeen. elektr. vermogen	kW	1,28	kW	Puissance él. absorbée		
	COP		3,87		COP		
	Vermogen +7°C/45°C	kW	13,00	kW	Puissance +7°C/45°C		
	Opgeen. elektr. vermogen	kW	4,00	kW	Puissance él. absorbée		
COP		3,25		COP			
	Vloeistof injectie		Ja/Oui		Injection liquide		
Verwarming Max. vermogen	Vermogen -10°C/35°C	kW	13,00	kW	Puissance-10°C/35°C	Chauffage Puissance max.	
	Vermogen -10°C/45°C	kW	12,55	kW	Puissance-10°C/45°C		
	Vermogen -10°C/60°C	kW	10,38	kW	Puissance-10°C/60°C		
	Vermogen -15°C/35°C	kW	12,16	kW	Puissance-15°C/35°C		
	Vermogen -15°C/45°C	kW	11,80	kW	Puissance-15°C/45°C		
	Vermogen -15°C/60°C	kW	9,50	kW	Puissance-15°C/60°C		
Koeling	optie/option			Refroidissement			
Binnendeel	Waterdebiet nominaal	l/u	2639	l/h	Débit d'eau nominal		
	Waterdebiet minimaal	l/u	1700	l/h	Débit d'eau minimal		
	Werkdruk maximaal	Bar	3	Bar	Pression opérationnelle max.		
	Wateruitrede min-max	°C	+8/+60	°C	Sortie d'eau min./max.		
	Waterinhoud	L	16	L	Contenu eau		
	Expansievat	L	12	L	Vase d'expansion		
	Waterinhoud vat SWW	L	190	L	Contenu boiler ECS		
	Elektr. bijverwarming SWW	kW	0,7	kW	Chauffage aux. ECS		
	Isolatie boiler		5cm Neopor		Isolation boiler		
	Oppervlakte wisselaar boiler	m <sup>2</sup>	1,7	m <sup>2</sup>	Surface échangeur boiler		
	Hoogte-breedte-lengte	mm	1840-648-698	mm	Hauteur-largeur-profondeur		
Gewicht (leeg-gevuld)	kg	152/366	kg	Poids (vide-plein)			
Kleur	RAL	9003	RAL	Couleur			
Buitendeel	Geluidsniveau	dB(A)	54	dB(A)	Niveau sonore		
	Debiet (hoog)	m <sup>3</sup> /h	6900	m <sup>3</sup> /h	Débit (haut)		
	Compressor		Twin Rotary LI		Compresseur		
	Werkingslim. verwarmen	°C	-25/+35	°C	Plage de fonct. chauff.		
	Hoogte-breedte-lengte	mm	1290-900-330	mm	Hauteur/largeur/profond.		
	Gewicht	kg	99	kg	Poids		
Kleur (benadering)	RAL	1013	RAL	Couleur (approximative)			
Elektr. install.	Voeding	V	400V/3F+N	V	Alimentation		
	Stroom max. verwarmen	A	10,5	A	Amp. max chauffage		
	Zekering traag	A	16	A	Fusible retardé		
	Hoofdvoeding aanbr.op		buiten/ext.		Unité à alimenter		
	Sectie voedingskabel	mm <sup>2</sup>	5G2,5	mm <sup>2</sup>	Section câble alimentation		
	Sectie tssn bi en bu	mm <sup>2</sup>	4G1,5	mm <sup>2</sup>	Section entre int. et ext.		
	Voeding SWW	V	230/1	V	Alimentation ch. aux. ECS		
	Zekering SWW	A	10	A	Fusible ECS ch. aux.		
Sectie SWW	mm <sup>2</sup>	1,5	mm <sup>2</sup>	Section ch. aux. ECS			
Tech. install.	Hydr. aansluiting binnendeel	inch	1"	inch	Raccordement hydraulique		
	Diameter hoofdleiding	inch	5/4"	inch	Diamètre tuyau principal		
	Expansie		buiten/ext.		Détente		
	Zuigleiding bi/bu	inch	5/8	inch	Diamètre gaz int/ext		
	Vloeistofleiding bi/bu	inch	3/8	inch	Diamètre liquide int/ext		
	Standaardvulling (CO <sub>2</sub> -eq)**	kg-m (kg)	2,5-15 (5220)	kg-m (kg)	Charge standard (CO <sub>2</sub> -eq)**		
	Bijvulling (CO <sub>2</sub> -eq)**	g/m (kg)	50 (104)	g/m (kg)	Charge supplémentaire (CO <sub>2</sub> -eq)**		
	Min./Max. leidinglengte	m	5-20	m	Longueur min./max. tuyaux		
	Hoogteverschil max	m	15	m	Dénivelé max		
Diam. condensafvoer bi/bu	mm	32/16	mm	Diam. évac. condensat bi/bu			

(\*) gegevens volgens de norm EN14511

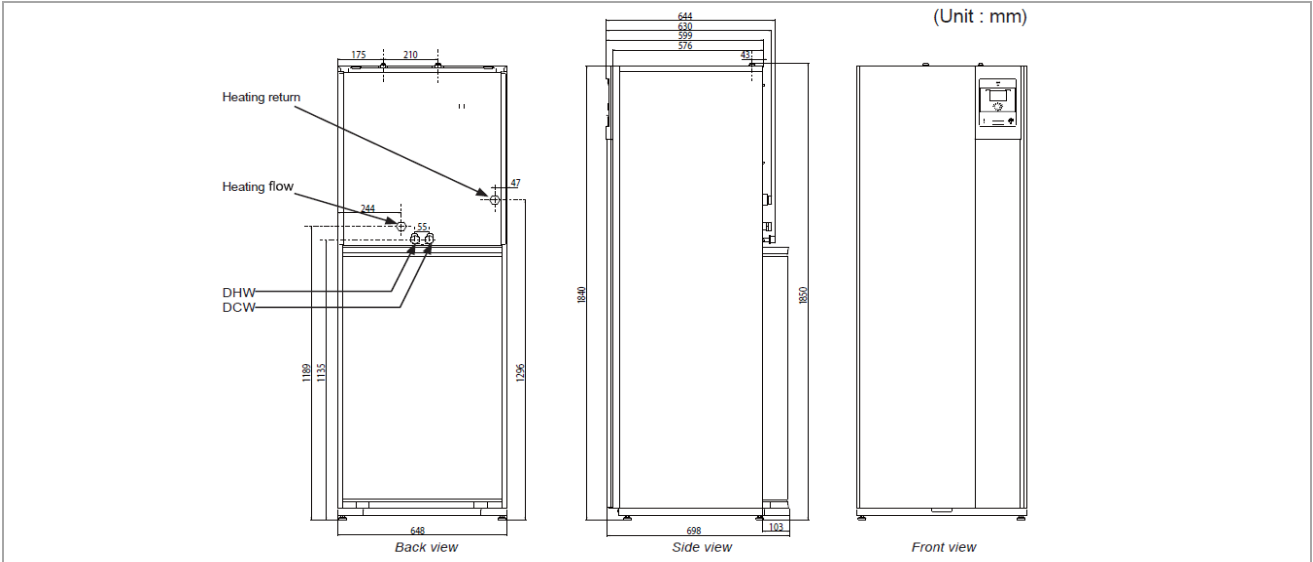
(\*) suivant la norme EN14511

(\*\*) Gerekend met een GWP-waarde van 2088 voor R410a

(\*\*) Calculé avec une GWP-valeur de 2088 pour R410a

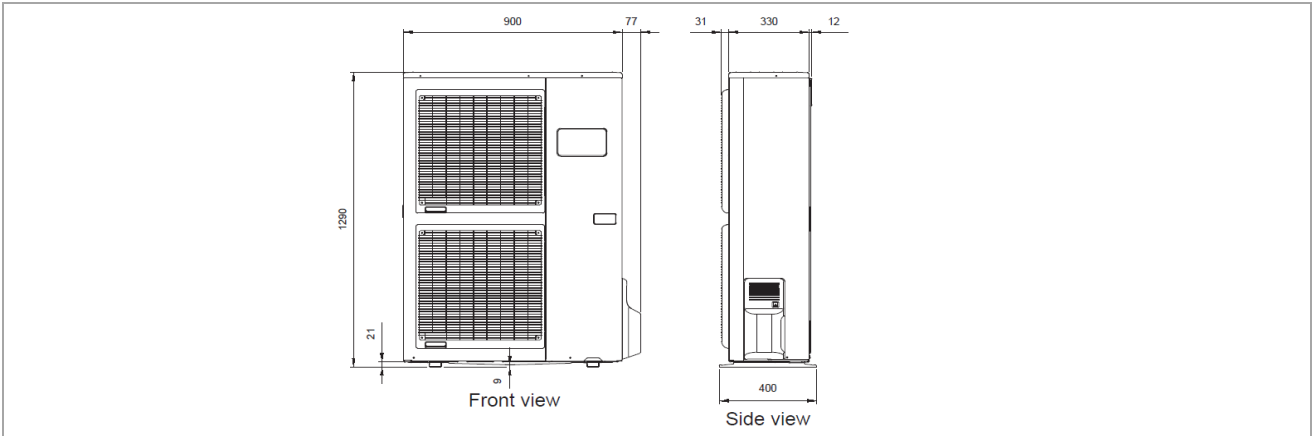
Binnendeel

Unité intérieure



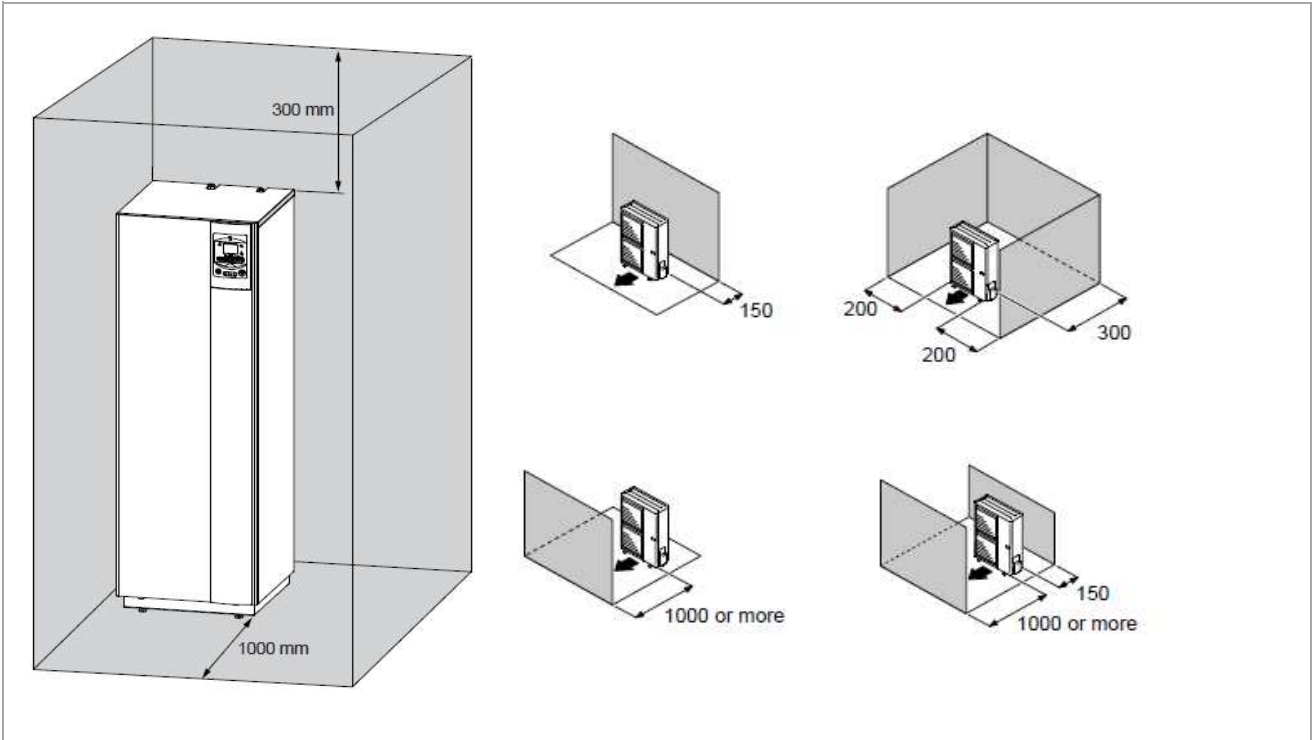
Buitendeel

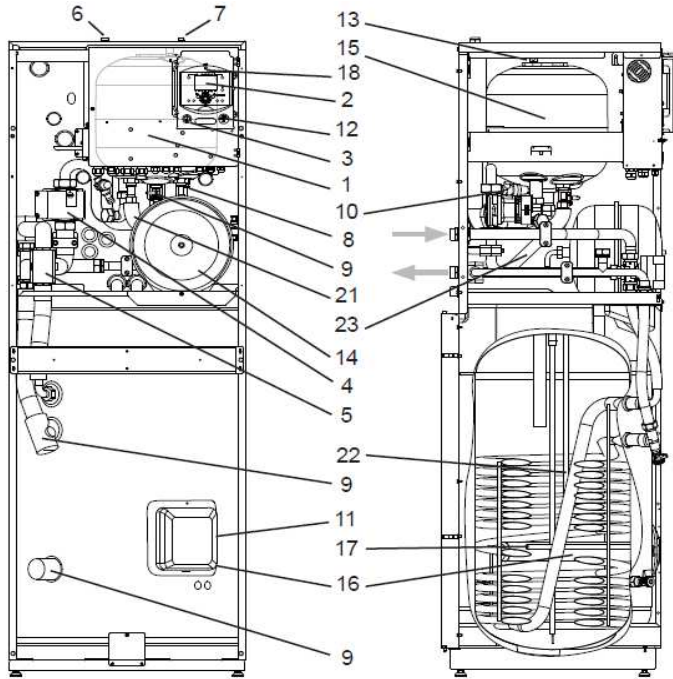
Unité extérieure



Montage

Montage

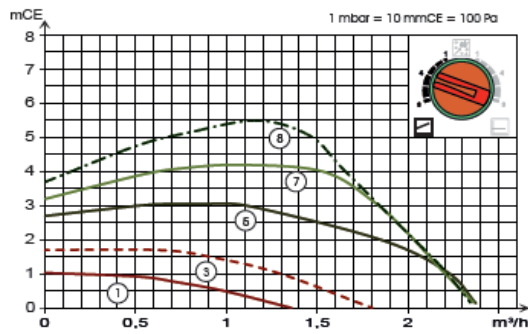




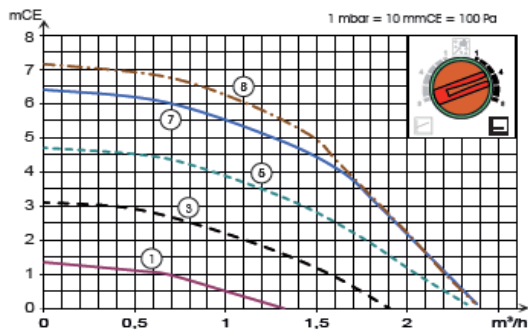
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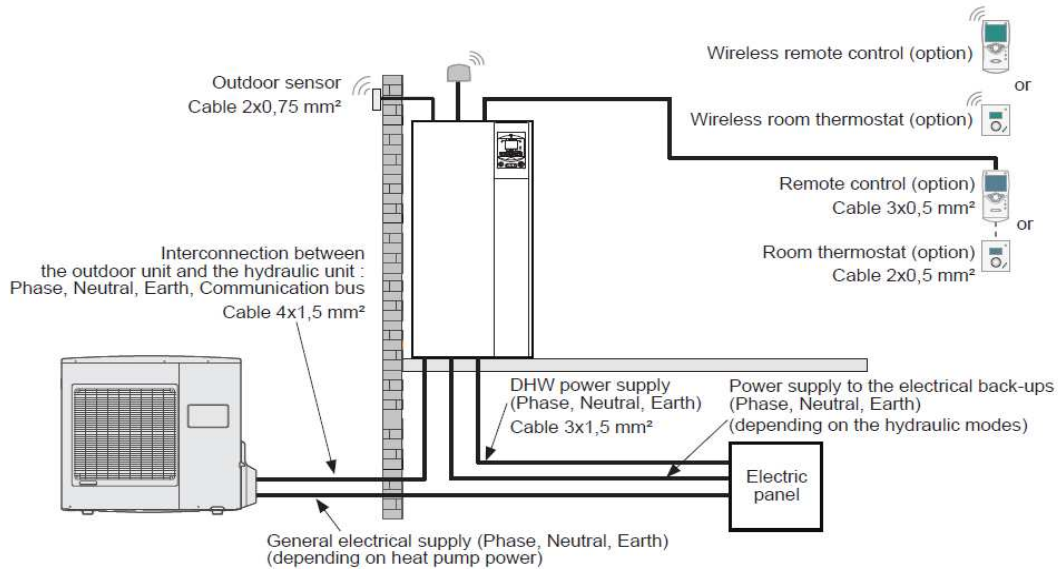
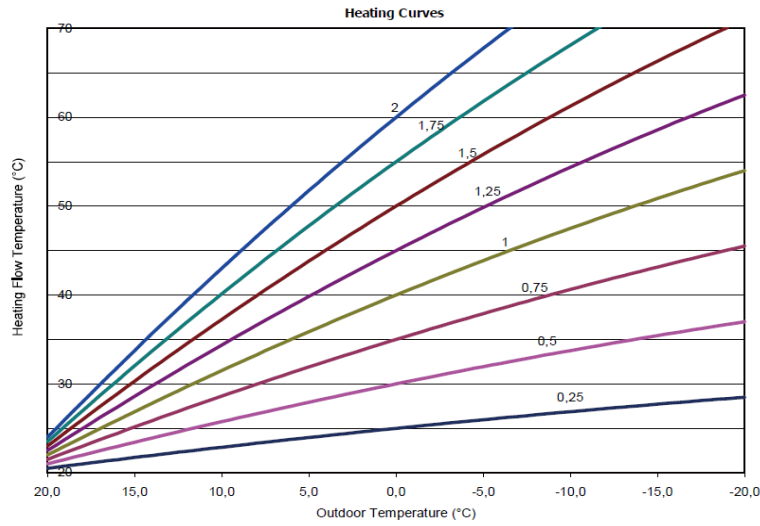
- 1 - Electric box.
  - 2 - Regulator / User interface.
  - 3 - Start/stop switch.
  - 4 - Hydraulic pumping unit.
  - 5 - Distribution valve.
  - 6 - Gas refrigeration connection.
  - 7 - Liquid refrigeration connection.
  - 8 - Condensation sensor.
  - 9 - Drain valve.
  - 10 - Safety valve.
  - 11 - Safety thermostat.
  - 12 - Manometer.
  - 13 - Manual drainer.
  - 14 - Expansion vessel.
  - 15 - Condenser.
  - 16 - Electrical back-ups DHW (Soapstone).
  - 17 - ACI.
  - 18 - ACI card.
- Sensors :
- 21 - Water flow sensor.
  - 22 - DHW sensor.
  - 23 - Water return sensor.

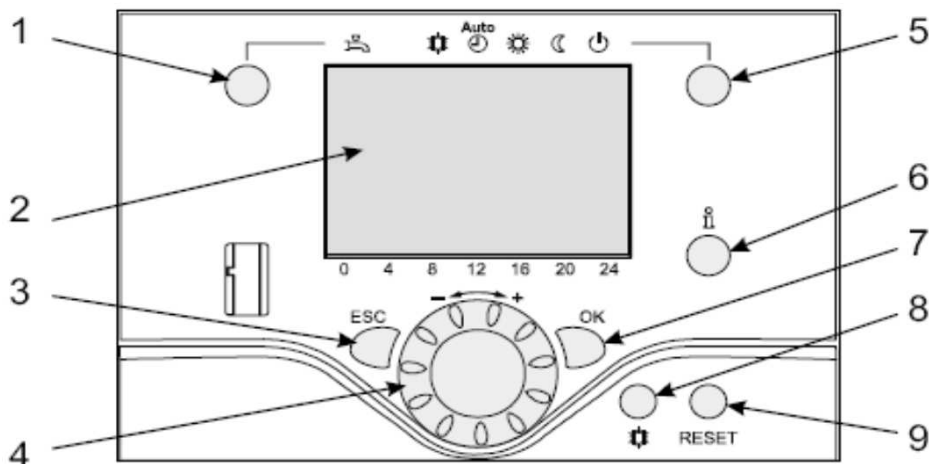
Variabele druk














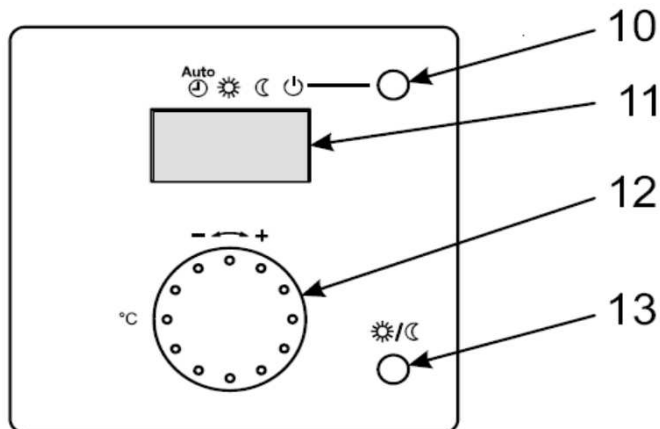
Constate druk












Ref.	Function	- Definitions
1	Selection of the DHW operating regime (Domestic hot water)	<ul style="list-style-type: none"> <li>- If the installation is fitted with a DHW tank.</li> <li>- ON: Production of DHW according to the time program.</li> <li>- Off: Preparing the domestic hot water for stopping with the anti-frost function active.</li> <li>- Boost: Hold down the DHW key for 3 seconds. Immediate DHW operation after use of the electrical back-ups until the DHW comfort setting has been reached</li> </ul>
	 ON  Off  Off	
2	Digital display	<ul style="list-style-type: none"> <li>- Operating control. Readout of the current temperature, of the heating regime and of any faults .</li> <li>- View the settings</li> </ul>
3	Exit "ESC"	- Quit the menu.
4	Navigation and setting	<ul style="list-style-type: none"> <li>- Selecting the menu.</li> <li>- Setting parameters.</li> <li>- Adjusting the ambient temperature setpoint.</li> </ul>
5	Selecting the heating regime	<ul style="list-style-type: none"> <li>-  Heating operating according to the heating programme (Summer/winter mode switchover is automatic).</li> <li>-  Constant comfort temperature.</li> <li>-  Constant reduced temperature.</li> <li>-  Stand-by regime with anti-frost protection (Provided that the heat pump's electrical power supply is not interrupted).</li> </ul>
6	Information display	<ul style="list-style-type: none"> <li>- Various data (please see page 59).</li> <li>-  Reading error codes (please see page 57).</li> <li>-  Information concerning maintenance, special regime.</li> </ul>
7	Confirm "OK"	<ul style="list-style-type: none"> <li>- Input into the selected menu.</li> <li>- Confirmation of the parameter settings.</li> <li>- Confirmation of the adjustment to the comfort temp. setting.</li> </ul>
8	Selecting cooling mode	<ul style="list-style-type: none"> <li>- If the installation is fitted with the cooling kit:</li> <li>-  Cooling operating according to the heating programme (Summer/winter mode switchover is automatic).</li> </ul>
9	RESET button (Hold down the "RESET" key for 3 seconds).	- Reinitialising the parameters and cancelling error messages. Do not use during normal operation.



Ref.	Function	- Definitions
10	Selecting the heating regime	<ul style="list-style-type: none"> <li>-  Heating operating according to the heating programme (Summer/winter mode switchover is automatic).</li> <li>-  Constant comfort temperature.</li> <li>-  Constant reduced temperature.</li> <li>-  Stand-by regime with anti-frost protection (Provided that the heat pump's electrical power supply is not interrupted).</li> </ul>
11	Digital display	- Operating control. Readout of the current temperature, of the heating regime and of any faults  .
12	Control knob	- Adjusting the ambient temperature setpoint
13	Presence key	- Comfort / Reduced switchover