

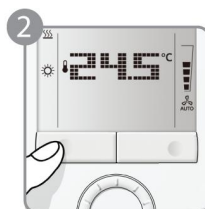
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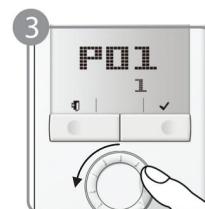
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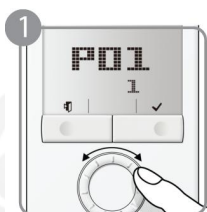


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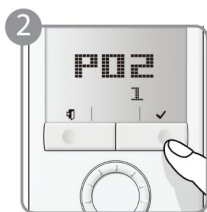


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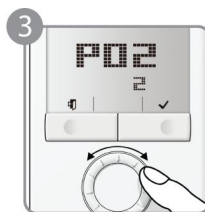
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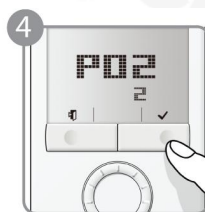
P01..P02..Pxx



OK (✓)



1..2..3..X



OK (✓)

en Expert Level Parameters			i → P3191		
P30	Heat P-band Xp / switching diff	0.5...2...6 K	P54	Fan overrun time	0...60...360 sec
P31	Cool P-band Xp / switching diff	0.5...1...6 K	P55	Fan speed switch.point high	80...100%
P32	Radiator P-band Xp / switching diff	0.5...2...6 K	P56	Fan speed switch.point med	30...65...75%
P33	Dead zone Comfort mode	0.5...2...5 K	P57	Fan speed switch. point low	1...10...15%
P34	Setpoint differential	0.5...2...5 K	P55	ECM fan max. output	P56...80...100%
P35	Integral action time	0...45...120 min	P56	ECM fan min. output	1...30%...P55
P36	H/C changeover switch point cooling	5...16°C...P37	P57	ECM: Switching point fan	1...10...100%
P37	H/C changeover switch point heating	P36...28...40°C	P58	Fan start kick	ON, OFF
P38	Input X1 (=1)	0 = --- (no function) 1 = Room temp ext. sensor (AI) 2 = H/C changeover (AI/DI) 3 = Window contact (DI) 4 = Dew point sensor (DI) 5 = Enable electric heater (DI) 6 = Fault input (DI) 7 = Monitor input (Digital) 8 = Monitor input (Temp) 9 = Supply air sensor (AI) 10 = Presence detector (DI)	P59	ON time minimum fan	1...2...6 min
P40	Input X2 (=0)		P60	Periodic fan kick Comfort	0...89 min, OFF
P42	Input D1 (=3)		P61	Periodic fan kick Eco	0...359 min, OFF
			P62	Service filter	OFF, 100...9900 h
P39	Normal position input X1	0 = Normally open / Open 1 = Normally closed / Close	P63	Min supply air temp.	OFF, 0°C...P64
P41	Normal position input X2		P64	Max supply air temp.	OFF, P63...50°C
P43	Normal position input D1		P65	Protection heating setpoint	OFF, 5...8°C...P66
P45	Power of electric heater on Q2	0.0...1.2 kW	P66	Protection cooling setpoint	OFF, P65...40°C
P46	Outputs Y10 (DC) or Q1 (On/Off)	1 = On/Off 2 = DC 0...10 V	P67	Fan start delay	0...360 sec
P47	Outputs Y20 (DC) or Q2 (On/Off)	1 = On/Off 2 = DC 0...10 V 3 = On/Off (Q2=1 st stage Cooling) 4 = DC (Y20=1 st stage Cooling)	P68	Temporary Comfort mode	0...360 min
P48	ON time minimum output (On/Off)	1...20 min	P69	Temporary Comfort setpoint	OFF, ON
P49	OFF time minimum output (On/Off)	1...20 min	P71	Restore factory setting	OFF, ON
P50	Purge time	OFF, 1...5 min	P72	Output Q1 function (=0) Output Q2 function (=0) Output Q3 function (=7)	0 = No function 1 = Switch OFF in Protection 2 = Switch ON in H/C demand 3 = Switch ON in H demand 4 = Switch ON in C demand 5 = Heat. Seq. active 6 = Cool. Seq. active 7 = Ext. Dehum. contact 8 = Ext. humid contact
P51	Flow temp limit floor heating	OFF, 10...50 °C	P73		
P52	Fan control	0 = Disabled 1 = Enabled 2 = Heat only 3 = Cool only 4 = Only 2 nd stage (H + C) 4 = Cooling and 2 nd stage Heat 5 = Heating and 2 nd stage Cool	P74		
P53	Fan speed	1 = 1-speed fan 2 = 3-speed fan 3 = DC 0...10 V	P75		
(Bold = factory setting)			P76	Max shift temp setpoint(Dehum.)	-3...3 K
			P81	Device address	1...255
			P82	Geographical zone (apartment)	---, 1...126
			P83	Geographical zone (room)	---, 1...63
			P84	Heat distr zone heating coil	---, 1...31
			P85	Refrig distr zone cooling coil	---, 1...31
			P86	Heat distr zone heating surface	---, 1...31
			P88	Transformation Precomfort	0 = Economy 1 = Comfort

de Parameter Expertenebene			→ P3191		
P30	Heizen P-Band Xp / Schaltdiff.	0.5...2...6 K	P54	Ventilator-Nachlaufzeit	0...60...360 sec
P31	Kühlen P-Band Xp / Schaltdiff.	0.5...1...6 K	P55	Ventilat'geschw. Sch'pkt. hoch	80...100%
P32	Radiator P-Band Xp / Schaltdiff.	0.5...2...6 K	P56	Ventilat'geschw. Sch'pkt. mittel	30...65...75%
P33	Neutralzone Komfortbetrieb	0.5...2...5 K	P57	Ventilat'geschw. Sch'pkt. tief	1...10...15%
P34	Sollwertdifferenz	0.5...2...5 K	P55	ECM-Ventilator max. Leistung	P56...80...100%
P35	Nachstellzeit Tn	0...45...120 min	P56	ECM-Ventilator min. Leistung	1...30%...P55
P36	H/K Umschaltzeit Kühlen	5...16°C...P37	P57	ECM: Schaltzeit Ventilator	1...10...100%
P37	H/K Umschaltzeit Heizen	P36...28...40°C	P58	Ventilator Startkick	ON, OFF
P38 P40 P42	Eingang X1 (=1) Eingang X2 (=0) Eingang D1 (=3)	0 = --- (Keine Funktion) 1 = Raumtemp ext. Fühler (AI) 2 = H/K Umschaltung (AI/DI) 3 = Fensterkontakt (DI) 4 = Taupunktfühler (DI) 5 = Elektroheizung freigeben (DI) 6 = Fehlereingang (DI) 7 = Überwach.-Eingang (Digital) 8 = Überwach.-Eingang (Temp) 9 = Zuluftfühler (AI) 10 = Präsenzmelder (DI)	P59	Einschaltzeit min. Ventilator	1...2...6 min
			P60	Period. Ventilatorkick Komfort	0...89 min, OFF
			P61	Period. Ventilatorkick Economy	0...359 min, OFF
			P62	Wartung Filter	OFF, 100...9900 h
			P63	Min. Zulufttemperatur	OFF, 0°C...P64
			P64	Max. Zulufttemperatur	OFF, P63...50°C
			P65	Schutzbetrieb-Heiz-Sollwert	OFF, 5...8°C...P66
			P66	Schutzbetrieb-Kühl-Sollwert	OFF, P65...40°C
			P67	Startverzögerung Ventilator	0...360 sec
			P68	Temporärer Komfortbetrieb	0...360 min
P41	Ruhestellung Eingang X2		P69	Temporärer Komfort-Sollwert	OFF, ON
P43	Ruhestellung Eingang D1	0 = Schliesser / Offen 1 = Öffner / Geschlossen	P71	Auslieferungszustand herstellen	OFF, ON
P45	Leistung El. Heizung an Q2	0.0...1.2 kW	P72 P73 P74	Funktion Ausgang Q1 (=0) Funktion Ausgang Q2 (=0) Funktion Ausgang Q3 (=7)	0 = Keine Funktion 1 = Schalter AUS in Schutz 2 = EIN in H/K-Bedarf 3 = EIN in H- Bedarf 4 = EIN in K- Bedarf 5 = Status aktive Heizung 6 = Status aktive Kühlen 7 = Ext. Entfeuchte-Kontakt 8 = Ext. Befeuchte-Kontakt
P46	Ausgang Y10 (DC) oder Q1 (On/Off)	1 = On/Off 2 = DC 0...10 V			
P47	Ausgang Y20 (DC) oder Q2 (On/Off)	1 = On/Off 2 = DC 0...10 V 3 = On/Off (Q2=1 ^{te} Stufe kühlen) 4 = DC (Y20=1 ^{te} Stufe kühlen)			
P48	Einschaltzeit minimal (On/Off)	1...20 min			
P49	Ausschaltzeit minimal (On/Off)	1...20 min			
P50	Spülzeit	OFF, 1...5 min			
P51	Vorlaufzeit-Begr. Bodenheiz'g	OFF, 10...50 °C			
P52	Ventilatorsteuerung	0 = Gesperrt 1 = Freigegeben 2 = Nur Heizen 3 = Nur Kühlen 4 = Nur 2 ^{te} Stufe (Heizen + Kühlen) 4 = Kühlen und 2 ^{te} Stufe Heizen 5 = Heiz und 2 ^{te} Stufe Kühlen			
P53	Ventilatorstufen	1 = 1-stufiger Ventilator 2 = 3-stufiger Ventilator 3 = DC 0...10 V (ECM) Ventilator			
(Fettgedruckt= Werkeinstellungen)					
			P76	Max Temp Sollwertschiebung(Entfeu.)	-3...3 K
			P81	Geräteadresse	1...255
			P82	Geografische Zone (Apartm.)	---, 1...126
			P83	Geografische Zone (Raum)	---, 1...63
			P84	Wärmeverteilstufe Lufterwärm'r	---, 1...31
			P85	Kälteverteilstufe Luftkühler	---, 1...31
			P86	Wärmeverteilstufe Heizfläche	---, 1...31
			P88	Umsetzung Pre-Comfort	0 = Economy 1 = Komfort
it Parametri livello "Expert"			→ P3191		
P30	Risc: Banda Prop. / differenziale	0.5...2...6 K	P54	Ritardo spegnimento ventilatore	0...60...360 sec
P31	Raffr. Banda Prop. / differenziale	0.5...1...6 K	P55	Intervento 3à velocità ventilatore	80...100%
P32	Radiat. Banda Prop. / differenziale	0.5...2...6 K	P56	Intervento 2à velocità ventilatore	30...65...75%
P33	Banda morta regime di Comfort	0.5...2...5 K	P57	Intervento 1à velocità ventilatore	1...10...15%
P34	Differenziale Setpoint	0.5...2...5 K	P55	ECM: Max uscita ventilatore	P56...80...100%
P35	Tempo integrale	0...45...120 min	P56	ECM: Min uscita ventilatore	1...30%...P55
P36	Temp. commut. regime invernale	5...16°C...P37	P57	ECM: Punto intervento ventilatore	1...10...100%
P37	Temp. commut. regime estivo	P36...28...40°C	P58	Avvio ventilatore max velocità	ON, OFF
P38 P40 P42	Ingresso X1 (=1) Ingresso X2 (=0) Ingresso D1 (=3)	0 = --- (nessuna funzione) 1 = Sonda ambiente remota (AI) 2 = Commutazione E / I (AI/DI) 3 = Contatto finestra (DI) 4 = Presenza condensa (DI) 5 = Abilità batteria elettrica (DI) 6 = Guasto/Allarme generico (DI) 7 = Sola lettura (DI) 8 = Sola lettura (Temp) 9 = Sonda aria mandata 10 = Sensore presenza (DI)	P59	Minimo tempo ON ventilatore	1...2...6 min
			P60	Intervallo periodico ventil. (COM)	0...89 min, OFF
			P61	Intervallo periodico ventil. (ECO)	0...359 min, OFF
			P62	Intervallo pulizia filtro ventilatore	OFF, 100...9900 h
			P63	Min temperatura mandata	OFF, 0°C...P64
			P64	Max temperatura mandata	OFF, P63...50°C
			P65	Setpoint PROT riscaldamento	OFF, 5...8°C...P66
			P66	Setpoint PROT raffreddamento	OFF, P65... 40°C
			P67	Ritardo avvio ventilatore	0...360 sec
			P68	Prolungamento periodo COM	0...360 min
P41	Modo operativo X2		P69	Reset setpoint al cambio regime	OFF, ON
P43	Modo operativo D1	0 = Normalmente aperto (N.O.) 1 = Normalmente chiuso (N.C.)	P71	Ricarica impostazioni fabbrica	OFF, ON
P45	Potenza batteria elettrica (Q2)	0.0...1.2 kW	P72 P73 P74	Funzione uscita Q1 (=0) Funzione uscita Q2 (=0) Funzione uscita Q3 (=7)	0 = nessuna funzione 1 = OFF in regime di protezione 2 = ON su richiesta caldo/freddo 3 = ON su richiesta caldo 4 = ON su richiesta freddo 5 = Sequenza riscald. attiva 6 = Sequenza raffred. attiva 7 = Comando deumidificatore 8 = Comando umidificatore
P46	Tipo uscita Y10 (DC) o Q1 (On/Off)	1 = On/Off 2 = DC 0...10 V			
P47	Tipo uscita Y20 (DC) o Q2 (On/Off)	1 = On/Off 2 = DC 0...10 V 3 = On/Off (Q2=1 ^o stadio raffr.) 4 = DC (Y20=1 ^o stadio raffr.)			
P48	Minimo tempo ON uscite On/Off	1...20 min			
P49	Minimo tempo OFF uscite On/Off	1...20 min			
P50	Controllo temp. acqua commut.E. / I.	OFF, 1...5 min			
P51	Limite massima temp. pavimento	OFF, 10...50 °C			
P52	Funzionamento del ventilatore	0 = Disabilitato 1 = Abilitato 2 = Solo riscald 3 = Solo raffred 4 = Solo 2 ^o stadio (risc+raff.) 4 = Raffred. e 2 ^o stadio risc. 5 = Riscald. e 2 ^o stadio raffr.			
P53	Nr. Velocità ventilatore	1 = 1-velocità 2 = 3-velocità 3 = DC 0...10 V			
(Grassetto = impostazione di fabbrica)					
			P76	Max ritardatura setpoint T. (Deumid.)	-3...3 K
			P81	Indirizzo regolatore	1...255
			P82	Zona geografica (apart.)	---, 1...126
			P83	Zona geografica (room)	---, 1...63
			P84	Zona distribuzione riscaldamento	---, 1...31
			P85	Zona distribuzione raffreddamento	---, 1...31
			P86	Zona distribuzione radiatori	---, 1...31
			P88	Trasformazione Precomfort	0 = Economia 1 = Comfort