

GOLDTM RX/PX



EN - Installation Instructions
FR - Instructions d'installation

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November 2023

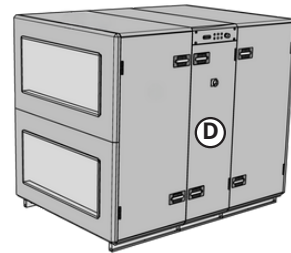
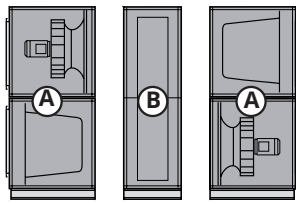
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EN	FR
 Fan	Ventilateur
 Filter	Filtre
 Warning	Avertissement
 Must be connected by a qualified Electrician. Warning! Hazardous voltage.	Doit être raccordé par un électricien agréé. Attention, tension dangereuse !
 Outdoor air	Air extérieur
 Supply air	Air soufflé
 Extract air	Air extrait
 Exhaust air	Air rejeté
 Protect from moisture	Protéger contre l'humidité
 Rotary heat exchanger	Échangeur de chaleur rotatif
 Plate heat exchanger	Échangeur de chaleur à plaques

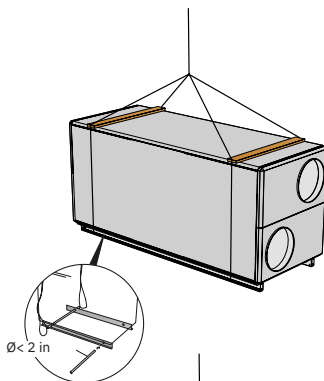


GOLD RX A	(kg)	B (kg)	C (kg)	D (kg)
005	-	-	20	243
007	-	-	21	301
008	-	-	21	309
011	167	162	28	496
012	178	162	39	518
014	209	171	40	589
020	227	171	65	625
025	265	216	65	746
030	285	216	78	786
035	379	312	78	1070
040	404	312	103	1120
050	502	414	65	1418
060	542	414	78	1498
070	816	579	78	2211
080	928	579	134	2435

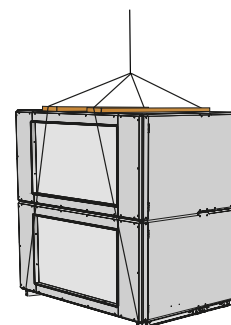
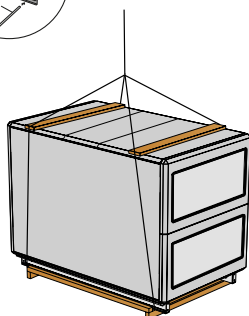
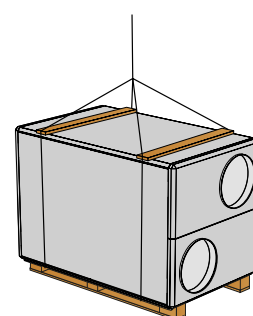
GOLD RX A	(lb)	B (lb)	C (lb)	D (lb)
005	-	-	44	534.6
007	-	-	46.2	662.2
008	-	-	46.2	679.8
011	367.4	356.4	61.6	1091.2
012	391.6	356.4	85.8	1139.6
014	459.8	376.2	88	1295.8
020	499.4	376.2	143	1375
025	583	475.2	143	1641.2
030	627	475.2	171.6	1729.2
035	833.8	686.4	171.6	2354
040	888.8	686.4	226.6	2464
050	1104.4	910.8	143	3119.6
060	1192.4	910.8	171.6	3295.6
070	1795.2	1273.8	171.6	4864.2
080	2041.6	1273.8	294.8	5357

GOLD PX A	(kg)	B	C (kg)	D (kg)
005	-	(kg) -	20	337
007	-	-	21	419
008	-	-	21	428
011	167	312	28	646
012	178	312	39	668
014	209	355	40	773
020	227	355	65	809
025	265	528	65	1058
030	285	528	78	1058

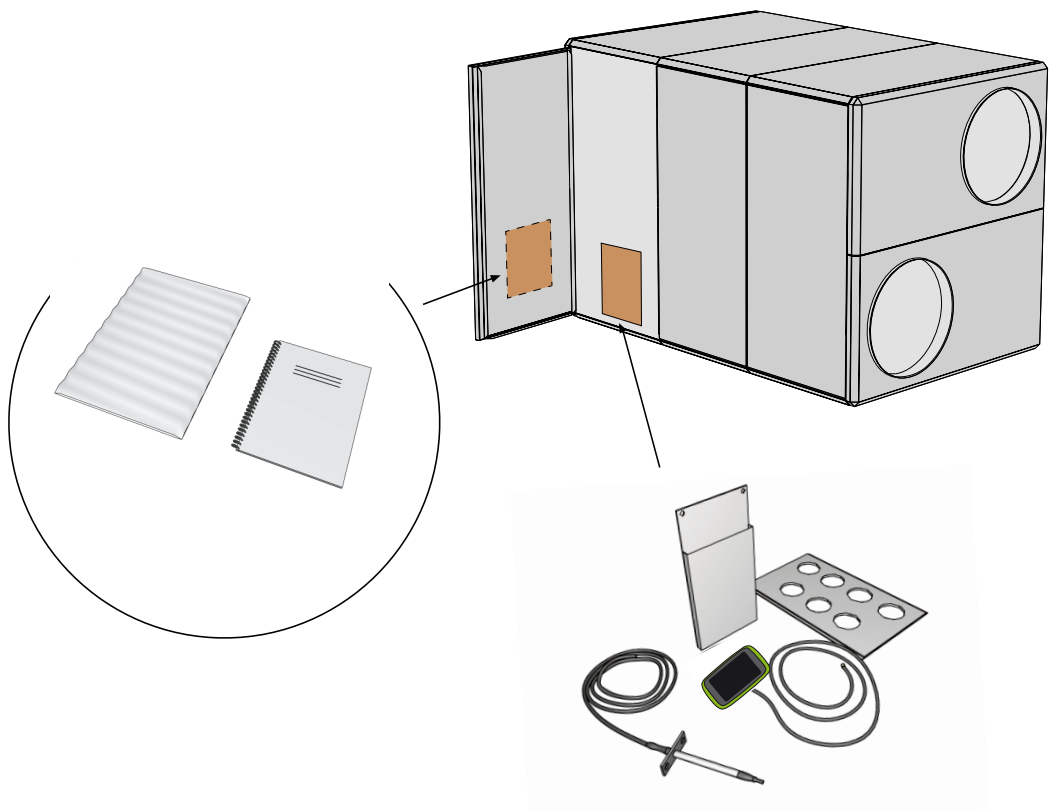
GOLD PX A	(lb)	B (lb)	C (lb)	D (lb)
005	-	-	44	741.4
007	-	-	46.2	921.8
008	-	-	46.2	941.6
011	367.4	686.4	61.6	1421.2
012	391.6	686.4	85.8	1469.6
014	459.8	781	88	1700.6
020	499.4	781	143	1779.8
025	583	1161.6	143	2327.6
030	627	1161.6	171.6	2327.6



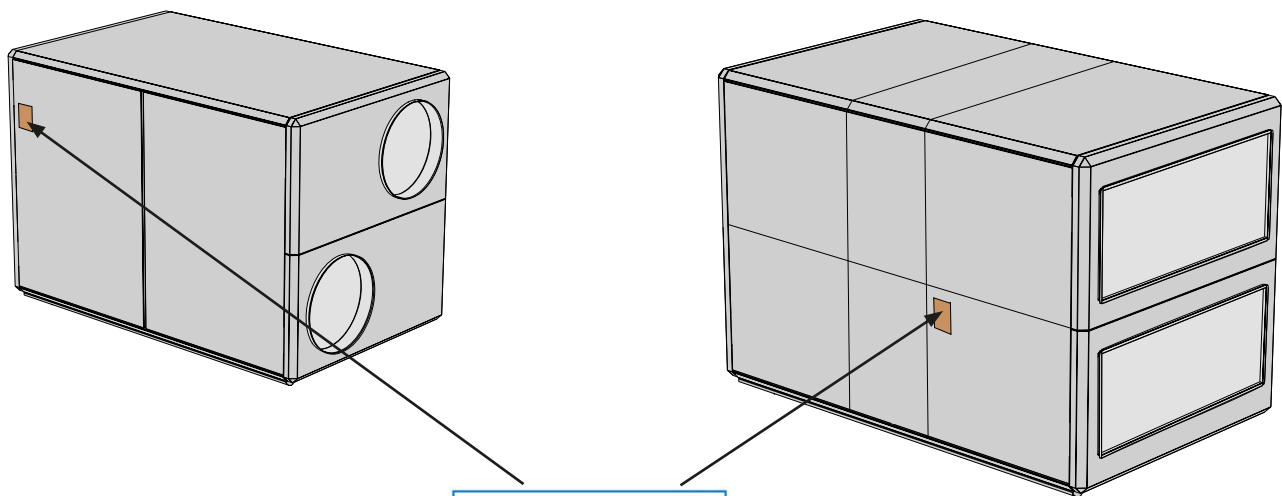
GOLD 005, 007/008, 011/012



GOLD 014/020, 025/030, 035/040, 050/060, 070/080



6. Serial Numbers / Numéros de série



Family Name

GOLD NA

Model #

GOLD08RX111111

Serial #

G00809778

Location of Construction

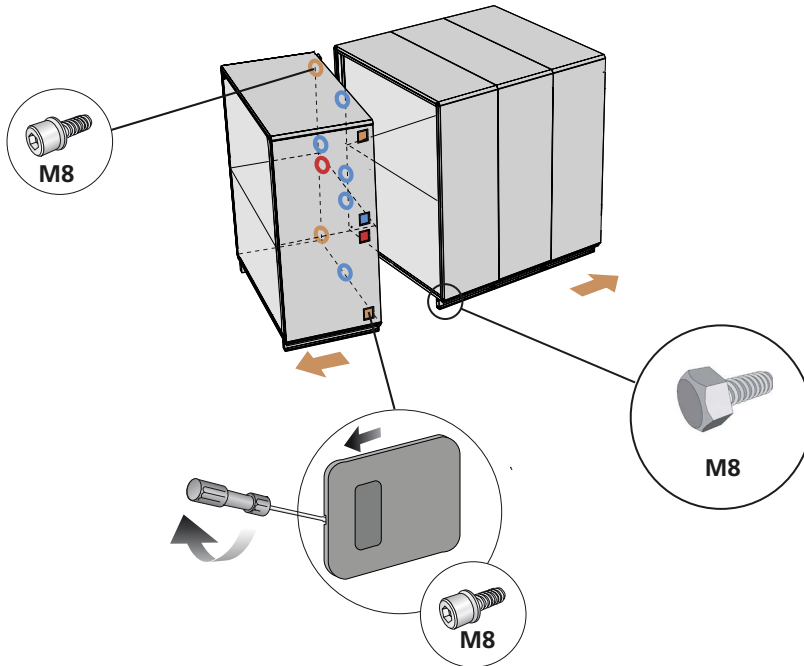
Swegon AB, Box 300, SE-535 23, Kvinnum, Sweden

	VAC	Frequency	Phase	NCA	MROD
Power Supply	600	60	3	7	11
Motor Loads	Qty	LOW (EA)	HPI (EA)	VAC	Frequency
Supply/ Return Fan	2	2.4	3.22	600	60
Transformer	1			600	60
Transformer	2			600	60

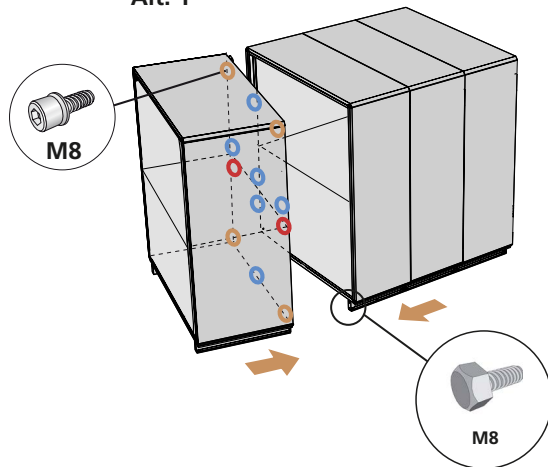
Suitable for outdoor applications with supplied with hot (TB19-3), exhaust air hood (TB14-2), and intake air hood (TB14-3), accessories.

Spécifier pour les applications extérieures (qualité avec les accessoires: un hot (TB19-3), l'équipement de l'air (capacité (TB14-2), et l'admission d'air (capacité (TB14-3), TB14-2).

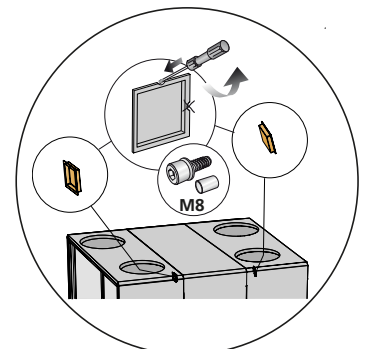
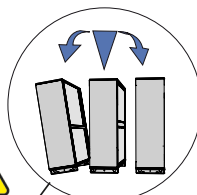
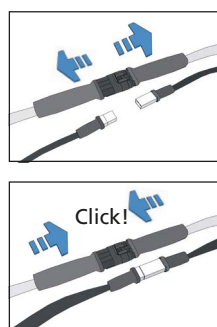
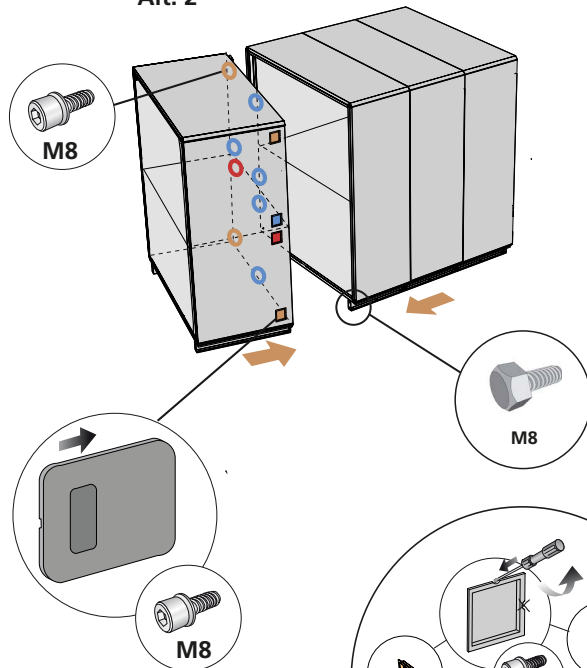
GOLD 005, 007/008, 011/012, 014/020, 025/030 
 GOLD 035/040, 050/060  
 GOLD 070/080   



Alt. 1

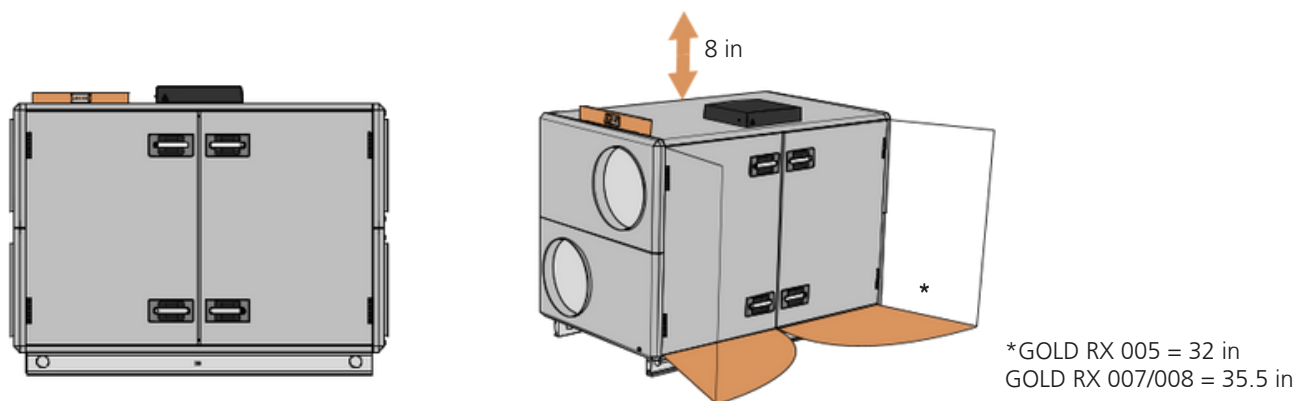


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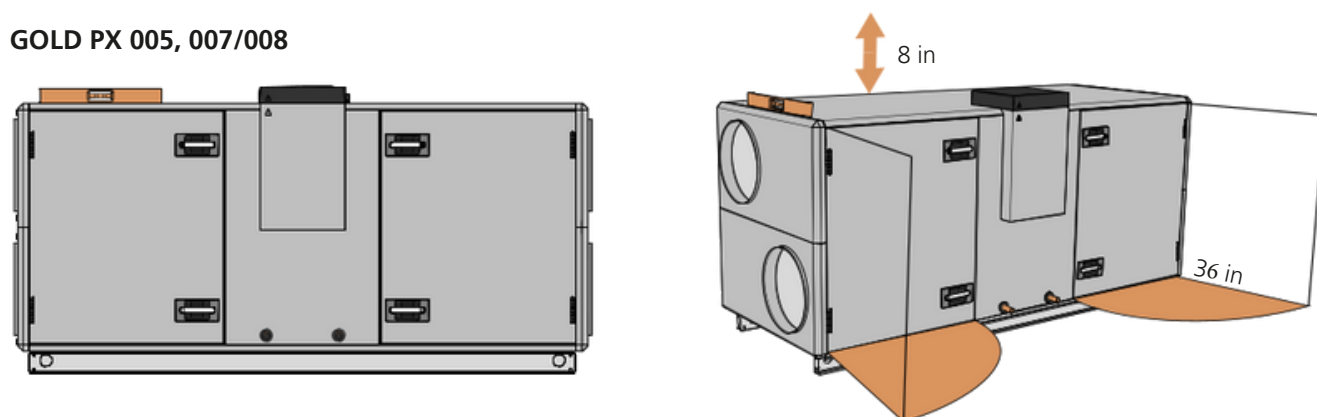


GOLD RX Top 012

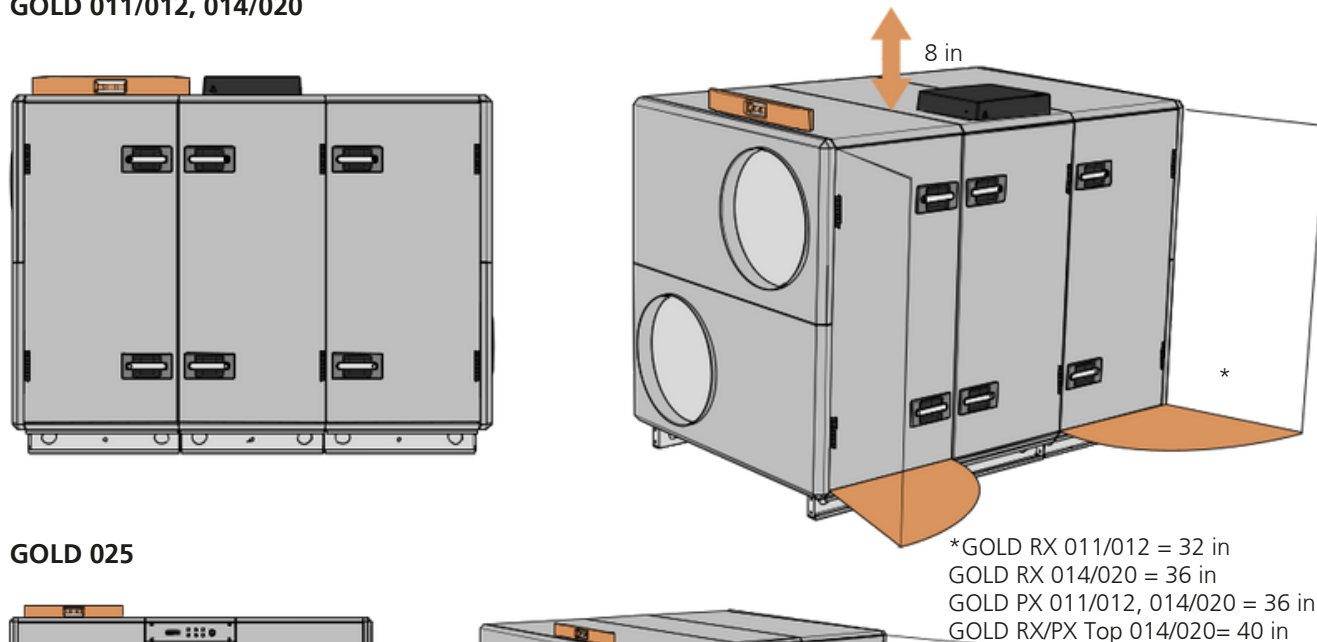
GOLD RX 005, 007/008



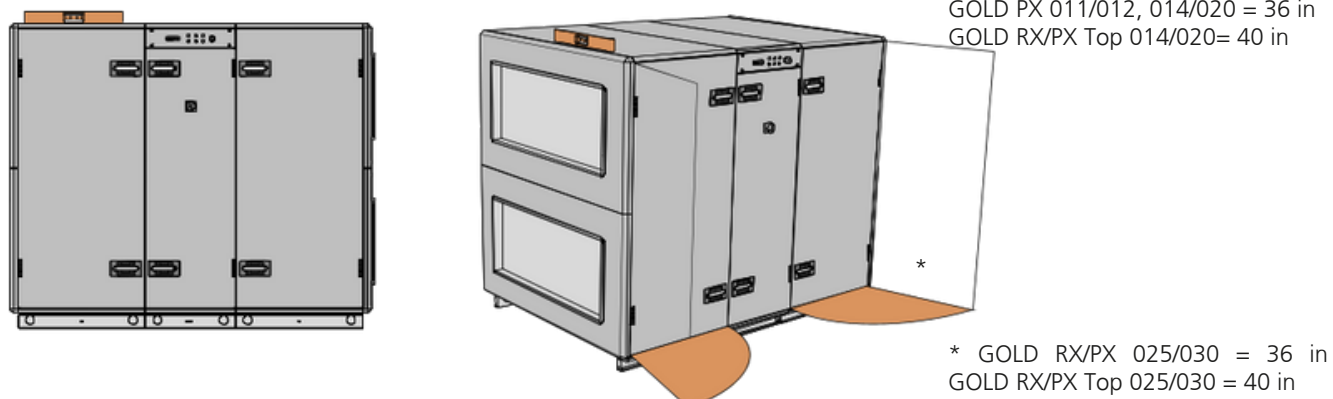
GOLD PX 005, 007/008



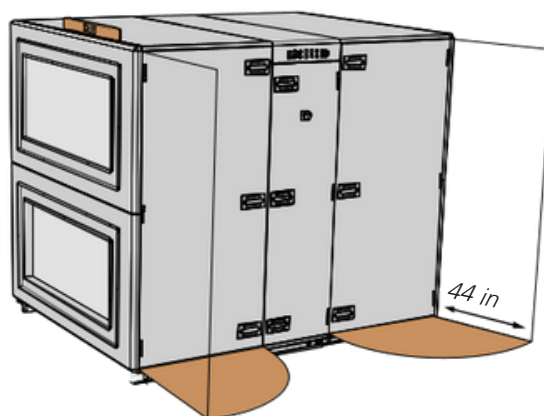
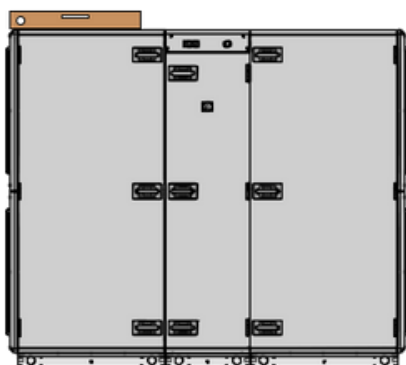
GOLD 011/012, 014/020



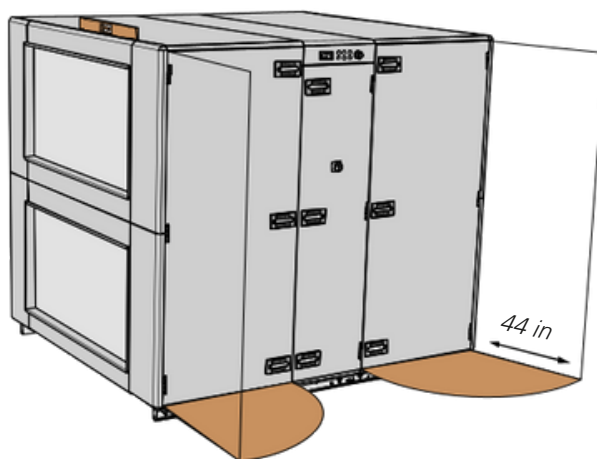
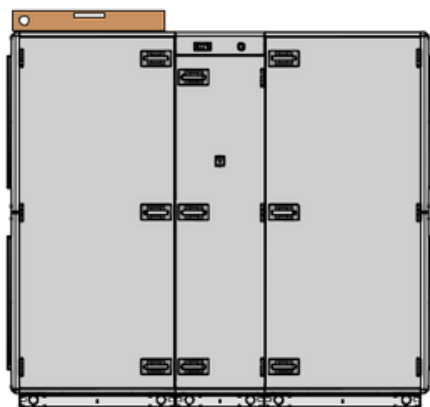
GOLD 025



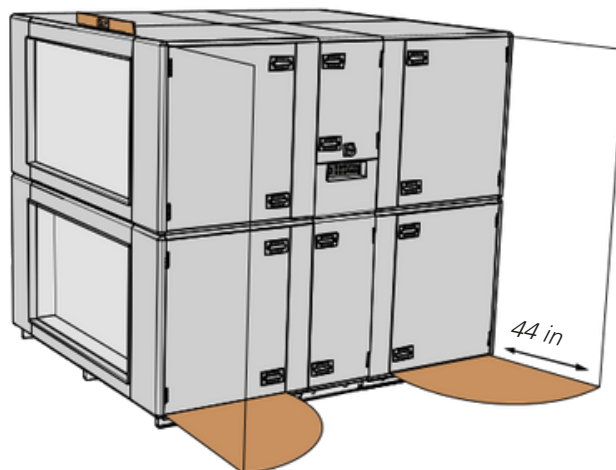
GOLD 035/040



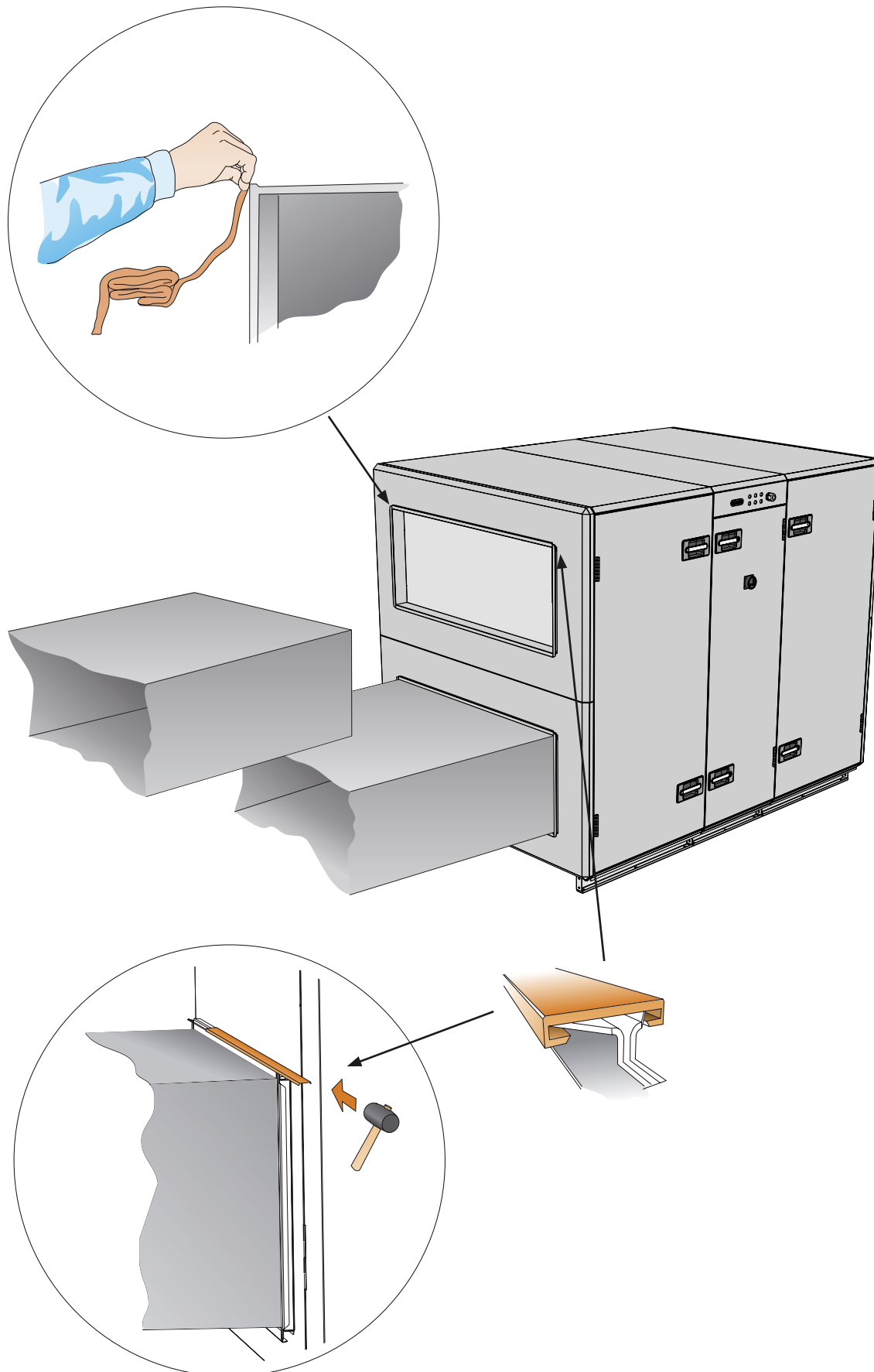
GOLD 050/060

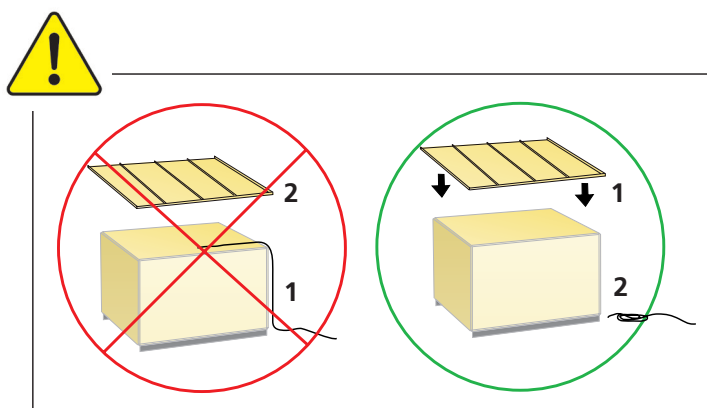


GOLD 070/080

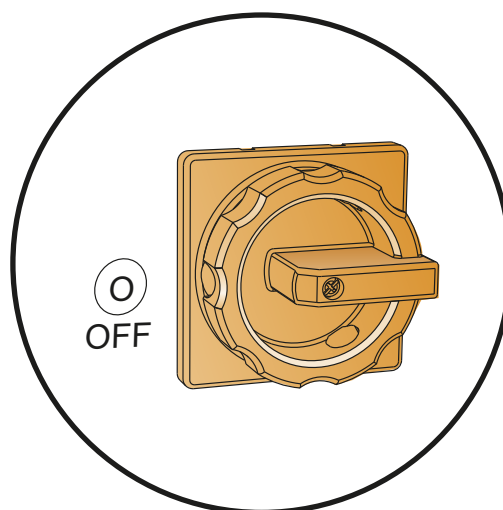
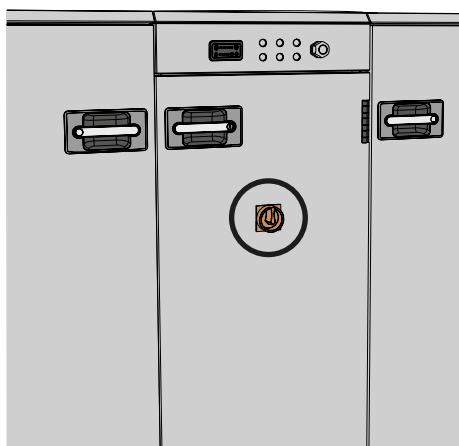


GOLD 05, 07/08, 11/12, 14/20, 25/30, 35/40
GOLD 50/60, 70/80

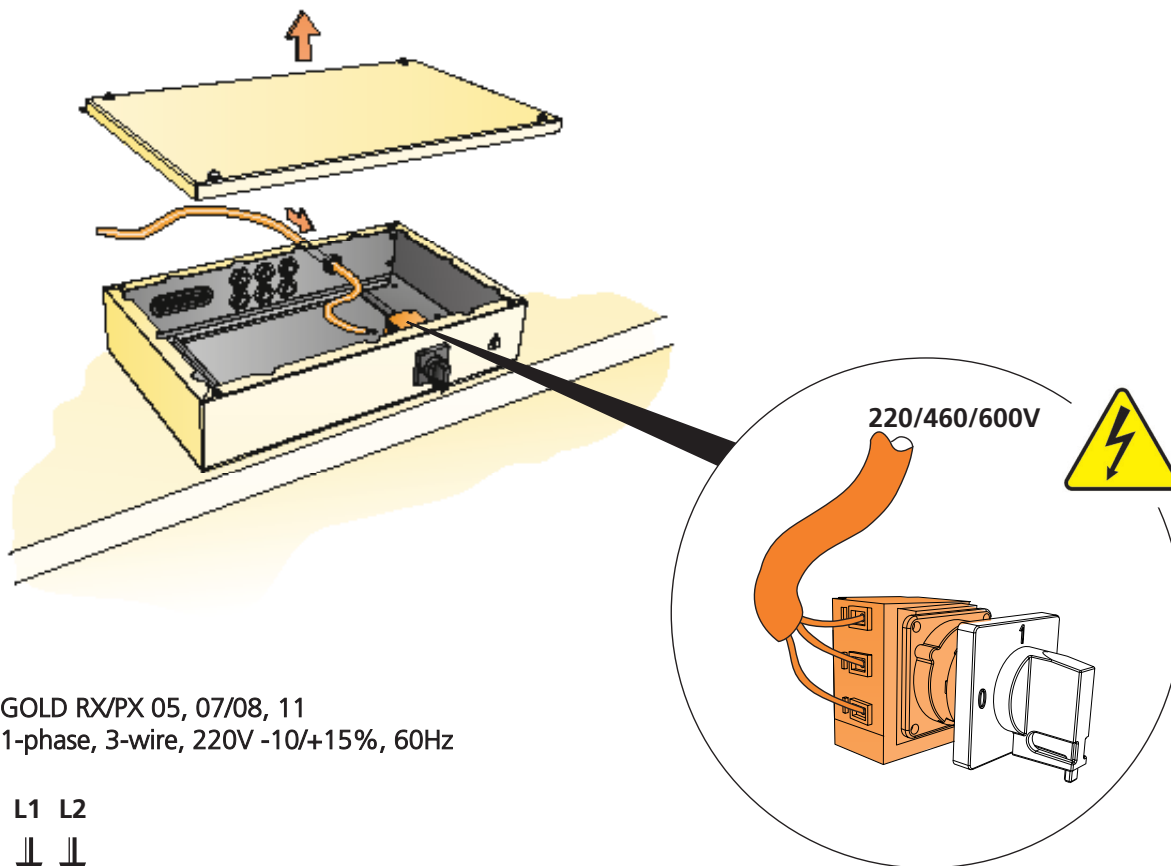




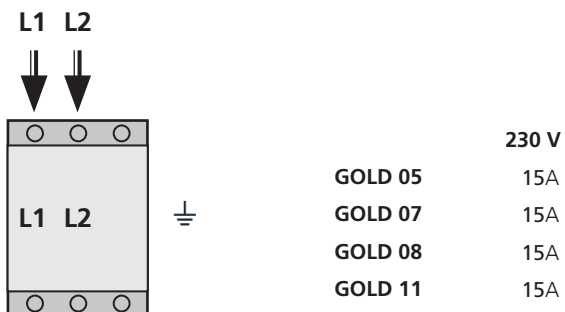
GOLD RX 25/30, 35/40, 50/60



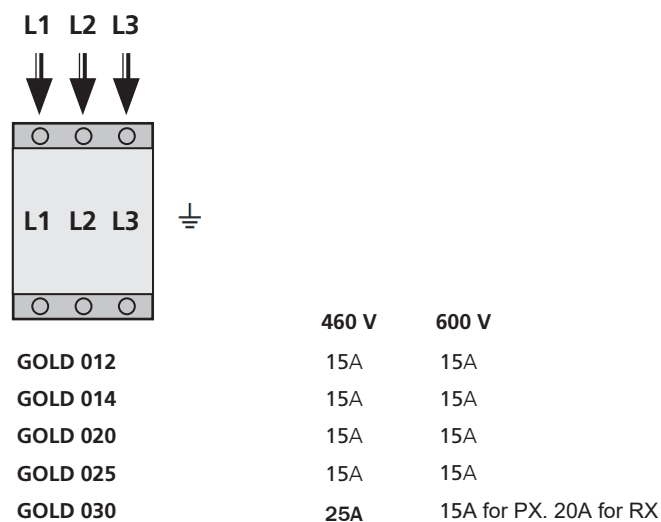
GOLD RX/PX 05, 07/08, 11/12, 14/20, 25/30, 35/40, 50/60, 70/80

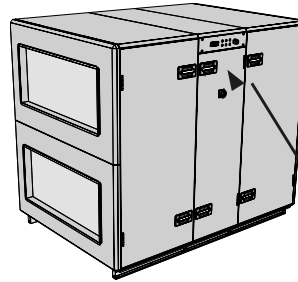


GOLD RX/PX 05, 07/08, 11
1-phase, 3-wire, 220V -10/+15%, 60Hz

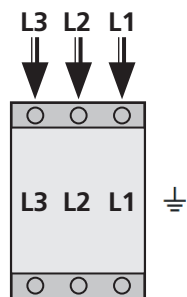


GOLD RX/PX 12, 14/20, 25/30
3-phase, 4-wire, 460/600V -10/+15%, 60Hz



GOLD RX 25/30, 35/40, 50/60**460/600V****GOLD RX 35/40, 50/60**

3-phase, 4-wire, 460/600V -10/+15%, 60Hz



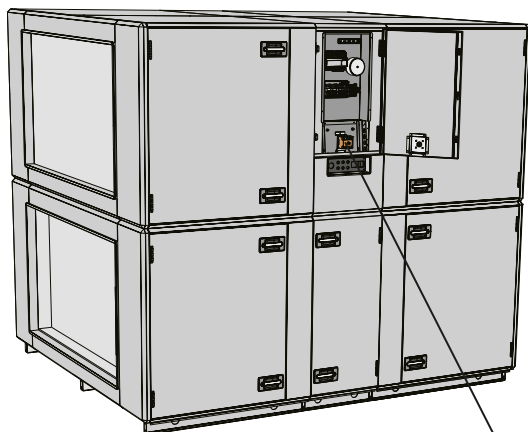
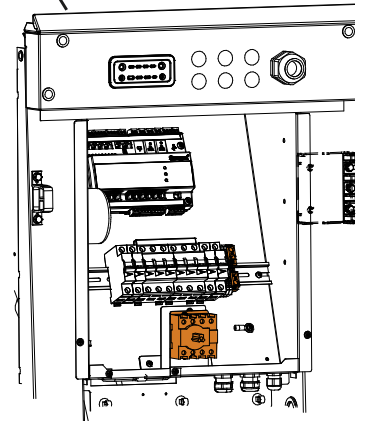
GOLD RX 35
GOLD RX 40
GOLD RX 50
GOLD RX 60

460 V

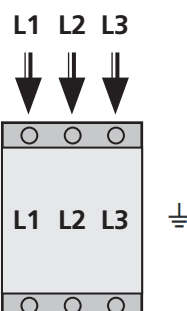
25A
 30A
 30A
 50A

600 V

20A
 25A
 25A
 40A

**460/600V****GOLD RX 70/80**

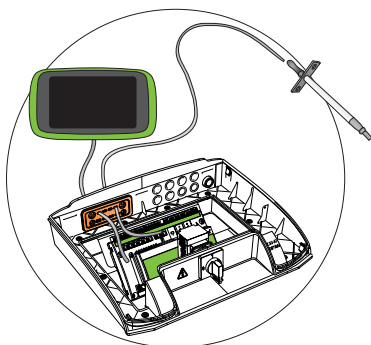
3-phase, 5-wire, 400V -10/+15%, 50Hz

**GOLD RX 70, 80**

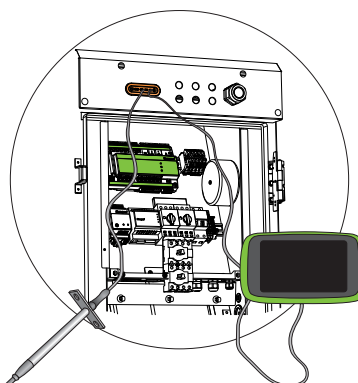
3-phase, 4-wire, 460/600V -10/+15%, 60Hz

	460V	600V
GOLD RX 70	50A	40A
GOLD RX 80	50A	40A

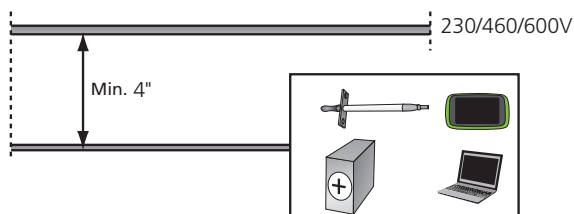
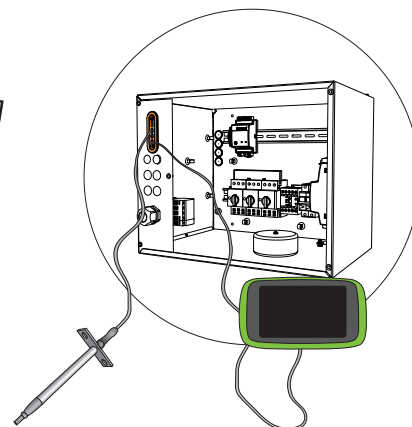
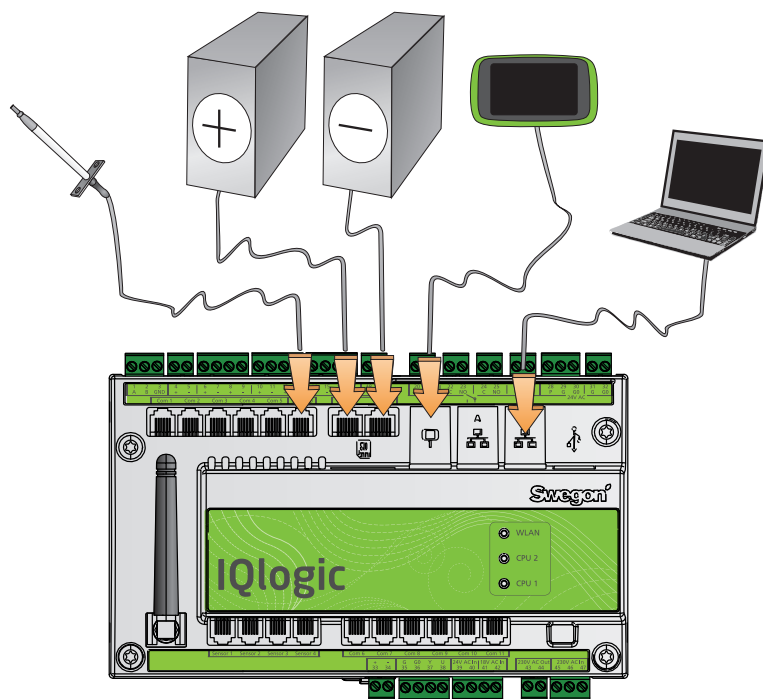
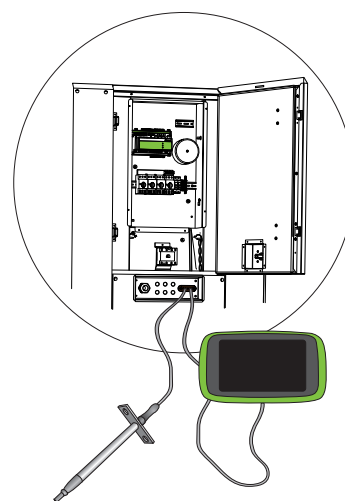
GOLD RX/PX 05, 07/08, 11/12, 14/20



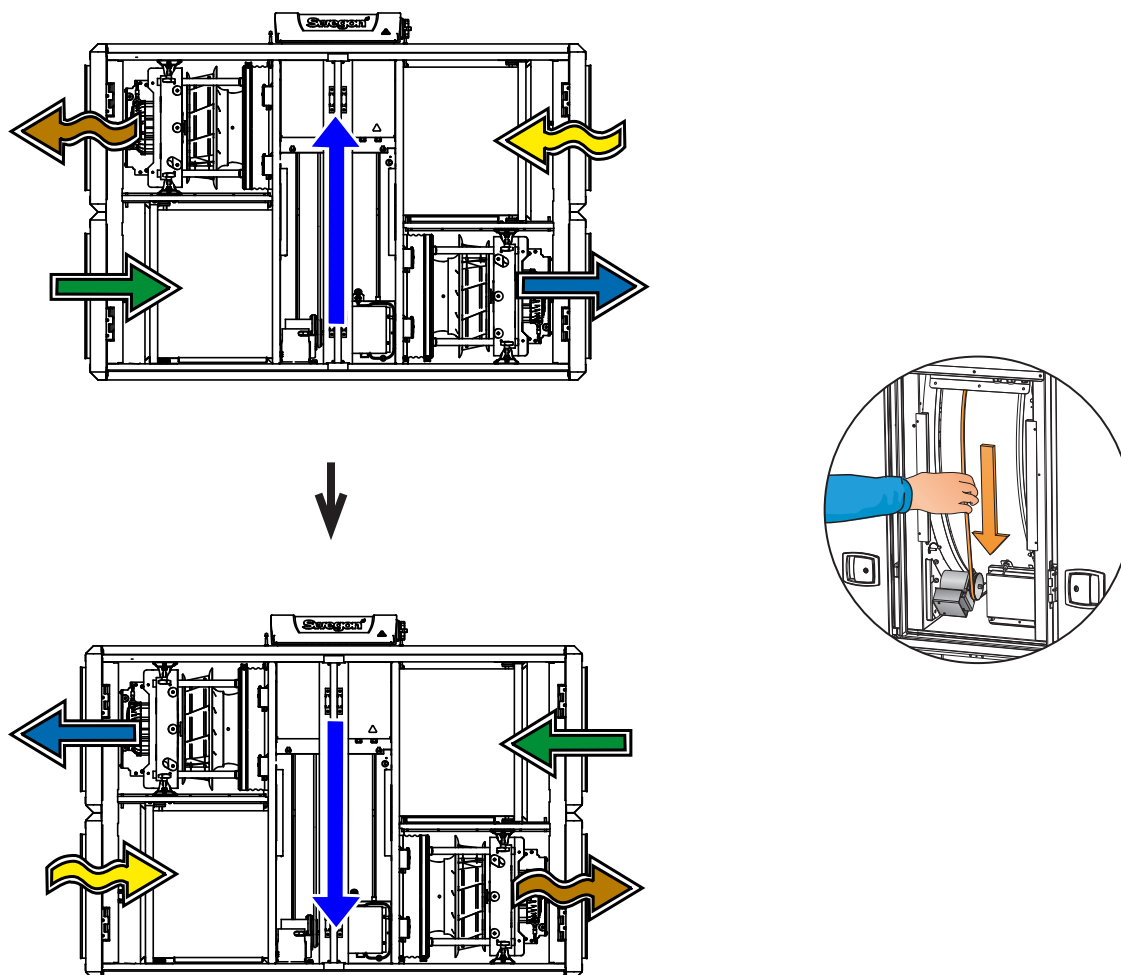
GOLD RX 25/30, 35/40, 50/60



GOLD RX 70/80



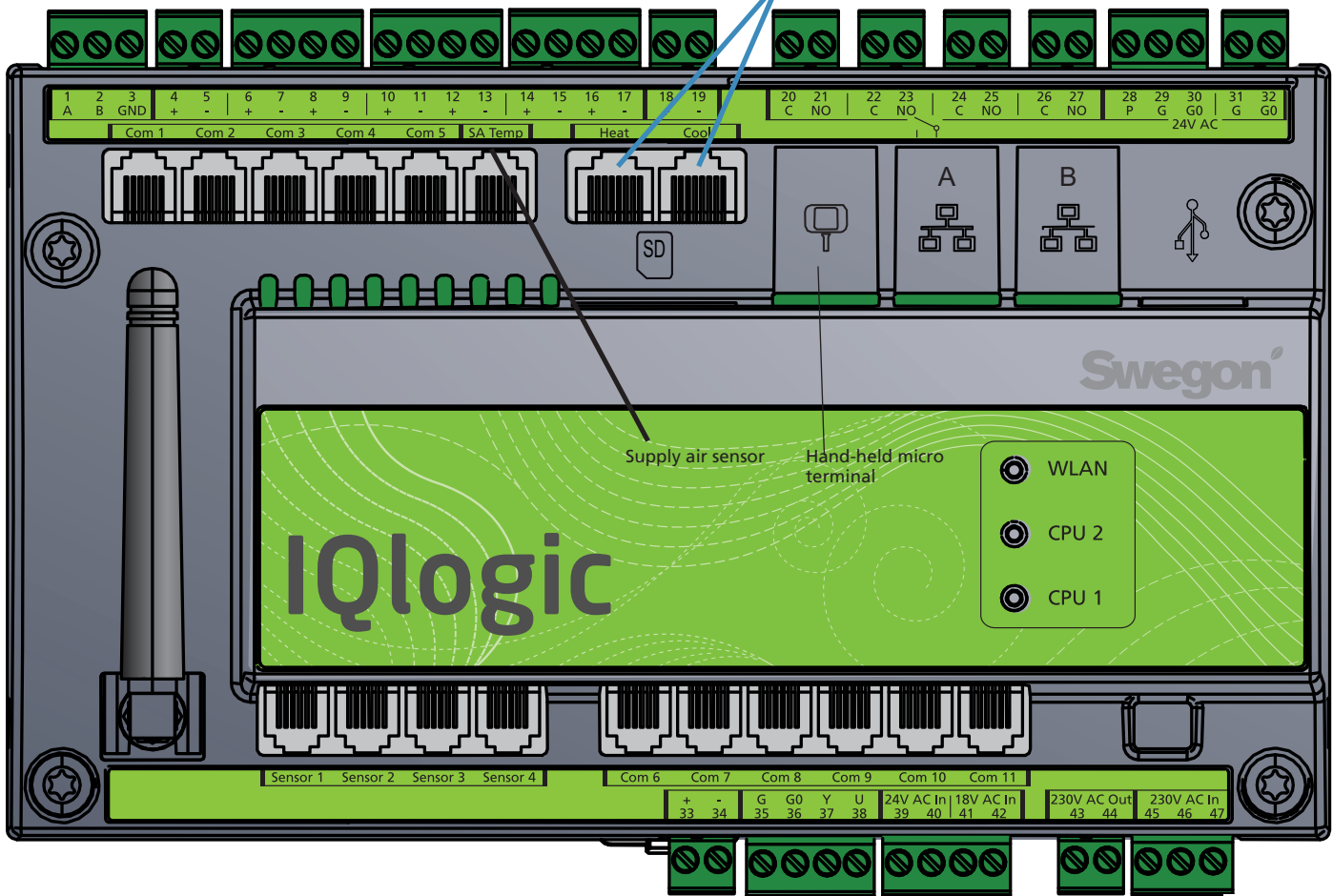
GOLD RX 05, 07/08, 11/12, 14/20, 25/30, 35/40, 50/60, 70/80



EN - See section 6.4.10 in the Operation and Maintenance Instructions for GOLD.

FR - Voir la section 6.4.10 des consignes d'utilisation et d'entretien de la CTA GOLD.

The max. permissible load on the corresponding connection is 16 VA.



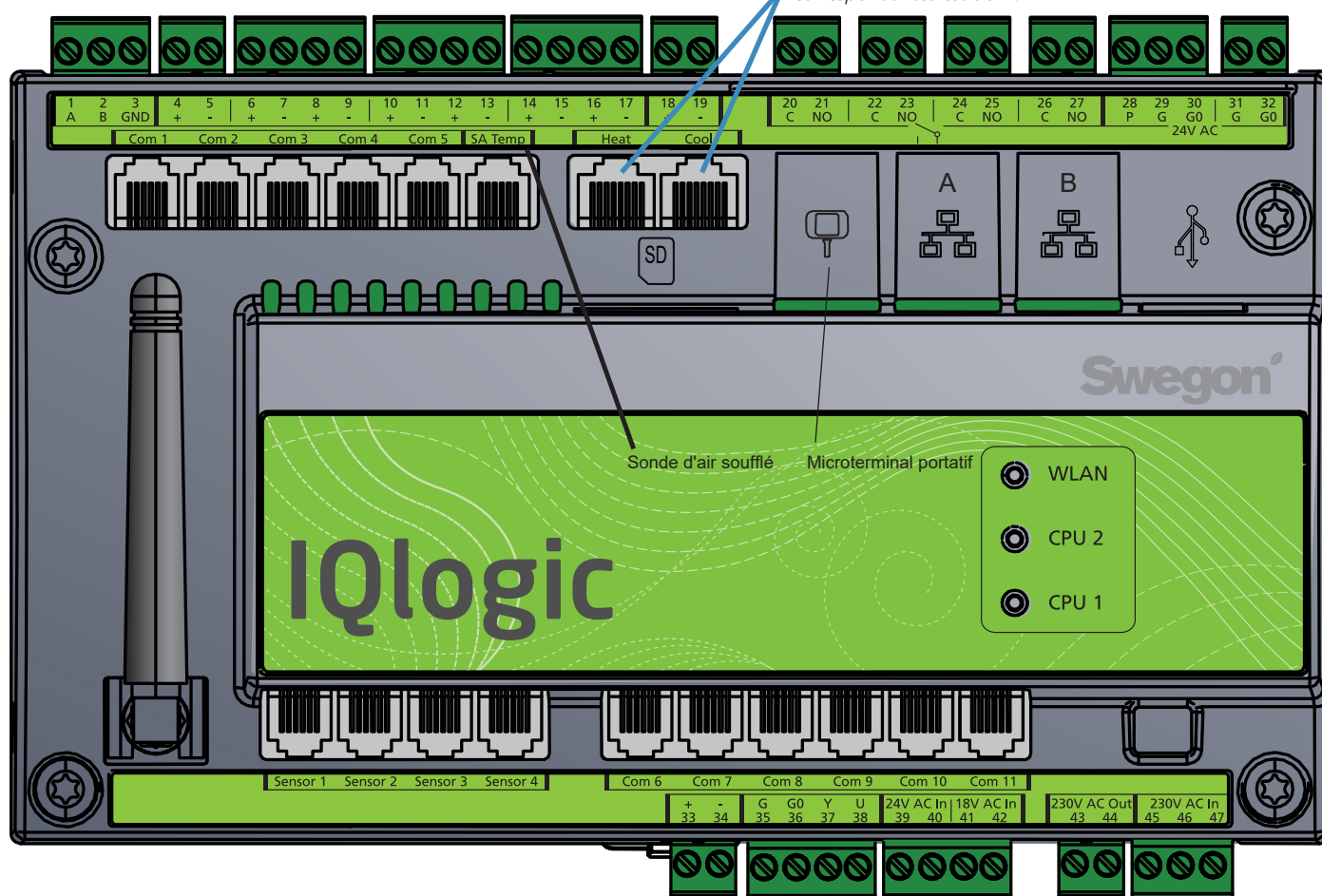
Digital inputs, terminals 4-17, are of extra-low voltage type.
Analogue inputs, terminals 18-19 have an input impedance of 66 kΩ.



Wiring terminal	Function	Remarks
1,2,3	Connections for EIA -485	1= Communication connection A/RT+, 2= Communication connection B/RT-, 3= GND/COM.
4,5	External stop	Stops the air handling unit by opening the circuit. On delivery, this function is fitted with a jumper. If the connection is interrupted, the air handling unit will stop.
6,7	External fire/smoke function 1	External fire and smoke function. On delivery, this function is fitted with a jumper. If the connection is interrupted, the function will trip and initiate an alarm.
8,9	External fire/smoke function 2	External fire and smoke function. On delivery, this function is fitted with a jumper. If the connection is interrupted, the function will trip and initiate an alarm.
10,11	External alarm 1	External contact function. Optional: Normally open/normally closed.
12,13	External alarm 2	External contact function. Optional: Normally open/normally closed.
14,15	External low speed	External contact function. Overrides the time switch from stop to low speed operation.
16,17	External high speed	External contact function. Overrides the time switch from stop or low speed to high speed operation.
18,19	Demand control	Input for 0-10 VDC. The input signal influences the supply air/extract airflow setpoint if the unit is operating in the demand control mode. For connection of a sensor, for example CO ₂ , CO and VOC
20,21	Circulation pump, heating circuit	Independent contact, max. 5 A/AC1, 2 A/AC3, 250 VAC. Closes on a heating load.
22,23	Circulation pump, cooling circuit or cooling on/off, 1-step operation	Independent contact, max. 5 A/AC1, 2 A/AC3, 250 VAC. Closes on a cooling load.
24,25	Cooling, on/off, 2-step operation	Independent contact, max. 5 A/AC1, 2 A/AC3, 250 VAC. Closes on a cooling load.
26,27	In-service indication	Independent contact, max. 5 A/AC1, 2 A/AC3, 250 VAC. Closes when the unit is operating.
28,29,30	Damper control	24 VAC. 28= Controlled 24 VAC (G), 29= 24 VAC (G), 30= 24 VAC (G0).
31,32	Control voltage	24 VAC control voltage. Terminals 31-32 are loaded with a total of 16 VA. Opened by means of the safety isolating switch.
33,34	Reference voltage	Output for constant 10 VDC. Max. permissible load: 8 mA.
35,36,37,38	Control, recirculation damper	The recirculation damper can be loaded with max. 2 mA at 10 VDC. 35= 24 V AC (G), 36= 24 V AC (G0), 37= 0-10 V DC control signal, 38= 0-10 VDC feedback signal.

The max permissible common load on terminals 31-32, outputs for Heat/Cool and damper output (terminals 28-30) is 50 VA.

La charge max. admissible sur les bornes correspondantes est de 16 VA.



Les entrées numériques (bornes 4-17) sont à tension extra-basse. Les entrées analogiques (bornes 18-19) ont une impédance de 66 kΩ.



Bornier	Fonctions	Remarques
1,2,3	Branchements pour EIA -485	1 = connexions de communication A/RT+, 2= connexions de communication B/RT-, 3 = GND/COM
4,5	Arrêt - externe	Met la centrale à l'arrêt en ouvrant le circuit. À la livraison, cette fonction est munie d'un cavalier. Met la centrale à l'arrêt en cas d'interruption de la connexion.
6,7	Fonction incendie/fumée externe 1	Fonction externe incendie et fumée. À la livraison, cette fonction est munie d'un cavalier. Lorsque la connexion est interrompue, la fonction s'active et déclenche une alarme.
8,9	Fonction incendie/fumée externe 2	Fonction externe incendie et fumée. À la livraison, cette fonction est munie d'un cavalier. Lorsque la connexion est interrompue, la fonction s'active et déclenche une alarme.
10,11	Alarme externe 1	Fonction contact externe. En option: Normalement ouvert/normalement fermé.
12,13	Alarme externe 2	Fonction contact externe. En option: Normalement ouvert/normalement fermé.
14,15	Vitesse réduite - externe	Fonction contact externe. Prioritaire sur l'horloge, depuis l'arrêt jusqu'au fonctionnement à vitesse réduite.
16,17	Vitesse élevée - externe	Fonction contact externe. Prioritaire sur l'horloge, depuis l'arrêt ou la vitesse réduite jusqu'à la vitesse élevée.
18,19	Régulation à la demande	Entrée pour 0-10 V DC. Le signal d'entrée influence le point de consigne air soufflé/extrait lorsque l'appareil fonctionne en mode Régulation à la demande. Pour raccordement d'une sonde, par exemple CO ₂ , CO et COV
20,21	Circulateur, circuit de chauffage	Contact indépendant, max. 5 A/AC1, 2 A/AC3, 250 V AC. Fermeture en cas de charge de chauffage.
22,23	Pompe de circulation, circuit de refroidissement ou refroidissement marche/arrêt, opération en 1 étape	Contact indépendant, max. 5 A/AC1, 2 A/AC3, 250 V AC. Fermeture en cas de charge de refroidissement.
24,25	Refroidissement, marche/arrêt, opération en 2 étapes	Contact indépendant, max. 5 A/AC1, 2 A/AC3, 250 V AC. Fermeture en cas de charge de refroidissement.
26,27	Témoin de marche.	Contact indépendant, max. 5 A/AC1, 2 A/AC3, 250 V AC. Fermeture lorsque l'unité est en service.
28,29,30	Commande registre	24 V AC 28= 24 VAC (G) avec régulation, 29= 24 VAC (G), 30= 24 VAC (G0).
31,32	Tension de régulation	Tension de régulation 24 V AC. Les bornes 31-32 sont chargées au total de 16 VA. Ouvert par le coupe-circuit de sécurité.
33,34	Tension de référence	Entrée pour 10 V DC constant. Charge max. admissible: 8 mA.
35,36,37,38	Régulation, registre de recyclage	Le registre de recyclage résiste à max. 2 mA à 10 V DC. 35= 24 V AC (G), 36= 24 V AC (G0), 37= 0-10 V DC signal de régulation, 38= 0-10 V DC signal de feed-back.

La charge max. commune admissible sur les bornes 31-32, sorties pour chauffage/refroidissement et sortie registre (bornes 28-30) est de 50 VA.

Specifications are subject to alteration without notice.

