This document must not be copied without our written permission, and the content thereof must not be imparted to a third party nor used for any unauthorized purpose. Contravention will be prosecuted. SYSTEMAIR AB

Denna handling får ej utan vårt skriftliga medgivande kopieras, åtnjuta eller på något sätt delges annan än den som erhållit handlingen av oss. Överträdelse härav beivras med stöd av gällande lag. SYSTEMAIR AB

PE
L3
L2
L1
N
400V 3N~

AS1

TR 24
Trafo 230/24V

UC

1	G	P1 B	50
2	G0	P1 A	51
3	Ground	P1 N	52
4	C+	P1 E	53
10	G Ref DO	P2 B	60
11	DO1	P2 A	61
12	DO2	P2 N	62
13	DO3	P2 E	63
14	DO4		
15	DO5		
16	DO6	DI1	71
17	DO7	DI2	72
30	Agnd RefAI	DI3	73
31	AI1	DI4	74
32	AI2	DI5	75
33	Agnd RefAI	DI6	76
34	AI3	DI7	77
35	AI4	DI8	78
40	Agnd RefUI	Agnd RefAO	90
41	UAI1/(UDI1)	AO1	91
42	UAI2/(UDI2)	AO2	92
43	Agnd RefUI	AO3	93
44	UAI3/(UDI3)	AO4	94
45	UAI4/(UDI4)	AO5	95

RJ45 TCP/IP

K2 (A1 / A2): 14 24 34 / 13 23 33

WP — Circulation pump (L1) — N
G0 — Circulation pump (N) — 11 10 12

13 — 10 — Cooling pump DO4 / Ref DO4 — 14
10 — DX Cooling step1 DO5 / Ref DO5 — 15
10 — DX Cooling step2 DO6 / Ref DO6 — 16
10 — Alarm output DO7 / Ref DO7 — 17
N — L1
31 — 30 — Sensor supply air — GT1 — SS
32 — 30 — Sensor extract air — GT3 — ETS
34 — 30 — Sensor outdoor air — GT2 — OS
35 — 30 — Sensor exhaust air — GT4 — EHS
41 — 40 — Extract air — PTE
42 — 40 — Supply air — PTS — Pressure transmitters
44 — 40 — UI4 / Ref UI4 — 45 — 4
G

Pressure tube
Pressure tube
(Pressure tube connection when the unit is CAV controlled)

L N 33 34 42 43 Alarm
EMX-P10
Rotor motor rotation guard
1 2 3 4 5 6 — 31 32

Motor wire — RC — Rotor drive motor — RM
Rotation guard — RG

1 2 — Spring loaded damper-motor Outdoor air Exhaust air 24V
10 G0 12 / 1 2 3 — Damper without spring return

Note! Items drawed with dashed lines are accessories!

90 — 95 — Cooling A04 / Ref A04 — 94 — 93 — 92 — 91 — 90

4 — 78 — External stop DI6 / Ref DI6 — 77 — 76
4 — 75 — Fire alarm DI5 / Ref DI5 — 74
4 — 73 — Extended running DI4 / Ref DI4 — 72 — 71

51 — 50 — B A — 53 — 52 — N E — 61 — 60 — B A — 63 — 62 — N E

G — G0

1 N A B C — A B C D E — Black1 Y/G Black2 Black3 White1 White2 — Yellow Brown White Blue Red — TK — P+ P− — Supply air fan — SF
1 N A B C — A B C D E — Black1 Y/G Black2 Black3 White1 White2 — Yellow Brown White Blue Red — TK — P− P+ — Extract air fan — EF

1 2 3 — Filter guard extract air — FGE
1 2 3 — Filter guard supply air — FGS

G0 G 0–10V — Valve actuator — Water valve — Frost protection — Hot water heater

Fuse	TR 06	SR 06
AS 1	10 A	10 A

Nr. No.	Ant. Pc.	Ändring Amendment	Dat. Date	Sign.	Godk. App.	Nr. No.	Ant. Pc.	Ändring Amendment	Dat. Date	Sign.	Godk. App.

Det.-nr. Part.No.	Ant. Pc.	Benämning Name	Material	Mod.-nr Ämne Dimension	Anm. Note
Konstr. / Design	Ritad / Drawn: TF	Kontr. / Checked	Standard: ISO	Godk. / App.	Skala / Scale: 1:1

systemair

Wiring diagram
Topvex SR/TR06-A
400V 3N~

Ersätter / Replaces	Ersatt av / Replaced by
Art.-nr. / Art.no.	Dat. / Date: 150130
Ritn.nr. / Drawing No.: WD000077	Rev.: –