



We care about healthy air

**Compact air  
handling unit  
CompAir CF / RW**

Wiring diagram



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0123456789

A

B

C

D

E

F

ORDER KEY EXAMPLE: CompAir **RW1** (Plus) **2000** - R - **I** - M - P1 - FK(7;5) - **EEV(6)** - **KW** - **R** - S3 - **DA1(1)3(1)** - X - X - RC1234 - PH14 - **LI** - FT - SY - **A** - 1 - **FB1** - **SD** - **CO2** - **DP** - **DH**

RED TEXT = WHERE TO LOOK IN YOUR ORDER KEY

EXPLANATION OF RELEVANT KEY FEATURES FOR ELECTRICIANS

HEAT RECOVERY TYPE

|    |                             |
|----|-----------------------------|
| CF | COUNTER FLOW HEAT EXCHANGER |
| RW | ROTARY WHEEL EXCHANGER      |

LIGHTS

|    |                        |
|----|------------------------|
| X  | WITHOUT LIGHTS         |
| LI | LIGHTS IN FAN SECTIONS |

INSTALLATION OF UNIT

|   |              |
|---|--------------|
| I | INSIDE UNIT  |
| O | OUTSIDE UNIT |

AUTOMATION TYPE

|   |                     |
|---|---------------------|
| B | BASIC AUTOMATION    |
| S | STANDARD AUTOMATION |
| A | ADVANCED AUTOMATION |

ACCESSORIES 1 - PREHEATER

|         |                           |
|---------|---------------------------|
| X       | WITHOUT PRE-HEATER        |
| EEV (*) | ELECTRICAL PREHEATER      |
| EWV     | WATHER PREHEATER (GLYCOL) |

(\*) = POWER IN kW  
V = PREHEATER  
d = MOUNTED IN DUCT

FIRE BY-PASS

|     |                       |
|-----|-----------------------|
| X   | WITHOUT FIRE BY-PASS  |
| FB  | FIRE BY-PASS          |
| FB1 | FIRE BY-PASS + DAMPER |

ONLY FB1 IS RELEVANT FOR ELECTRICIANS

SMOKE DETECTOR

|    |                        |
|----|------------------------|
| X  | WITHOUT SMOKE DETECTOR |
| SD | SMOKE DETECTOR         |

CO2 SENSOR

|     |                    |
|-----|--------------------|
| X   | WITHOUT CO2 SENSOR |
| CO2 | CO2 SENSOR         |

PRESSURE SENSORS

|    |                               |
|----|-------------------------------|
| X  | WITHOUT PRESSURE SENSORS      |
| DV | CONSTANT AIR FLOW REGULATION  |
| DP | CONSTANT DUCT PRESSURE REG.   |
| DB | CONSTANT DP, AIR FLOW MEASUR. |

HUMIDIFIER REGULATION

|    |                               |
|----|-------------------------------|
| X  | WITHOUT HUMIDIFIER REGULATION |
| DH | DUCT HUMIDIFIER REGULATION    |

ACCESSORIES 2 - HEATER, COOLER

|          |                           |
|----------|---------------------------|
| X        | WITHOUT FUNCTIONS         |
| EW       | WATER HEATER              |
| KW       | WATER COOLER              |
| KD       | DX COOLER                 |
| EE(*)    | ELECTRICAL HEATER         |
| EW+KW    | WATER HEAT. + WATER COOL. |
| EW+KD    | WATER HEATER + DX COOLER  |
| EE(*)+KW | EL. HEATER + WATER COOLER |
| EE(*)+KD | EL. HEATER + DX COOLER    |

(\*) = POWER IN kW  
d = MOUNTED IN DUCT

REVERSIBLE COOLING COIL

|   |                   |
|---|-------------------|
| X | NOT REVERSIBLE    |
| R | REVERSIBLE COOLER |

ABBREVIATIONS EXPLANATION:

|     |                    |
|-----|--------------------|
| ODA | OUTSIDE AIR        |
| SUP | SUPPLY AIR         |
| ETA | EXTRACT AIR        |
| EHA | EXHAUST AIR        |
| M   | FAN                |
| F   | FUSE               |
| K   | RELAY OR CONTACTOR |
| B   | SENSORS            |
| Y   | ACTUATOR           |

SOME EXAMPLES:

|      |                            |
|------|----------------------------|
| FSUP | SUPPLY FAN FUSE            |
| MSUP | SUPPLY FAN MOTOR           |
| YSUP | SUPPLY AIR DAMPER ACTUATOR |
| BSUP | SUPPLY AIR TEMPERATURE     |

FEATURE POSSIBLE IN REGULATION

|          |   |
|----------|---|
| BASIC    | ? |
| STANDARD | ? |
| ADVANCED | ? |

FEATURE POSSIBLE IN RECUPERATION TYPE

|    |   |
|----|---|
| CF | ? |
| RW | ? |

FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES

|   |
|---|
| ? |
|---|

INSTALLER INFORMATION

GENERAL WARNING

WARNING ELECTRICITY

LOOK FOR PAGE DESCRIPTION

INSTALLED IN ECC

INSTALLED ON AHU

LOCATION OF INSTALLED ELEMENTS

PAGE INSTALLED IN ECC ONLY IF YOUR ORDER KEY EQUALS TO ONE OF SELECTIONS SHOWN HERE

CHECK YOUR ORDER CODE

A

B

C

D

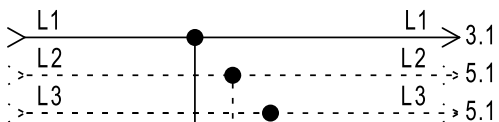
E

F

ORDER KEY EXAMPLE: CompAir **CF1** (Plus) **2000**- R - I - M - P1 - FK(7;5) - **EEV(6)** - **EE(6)**-X - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU

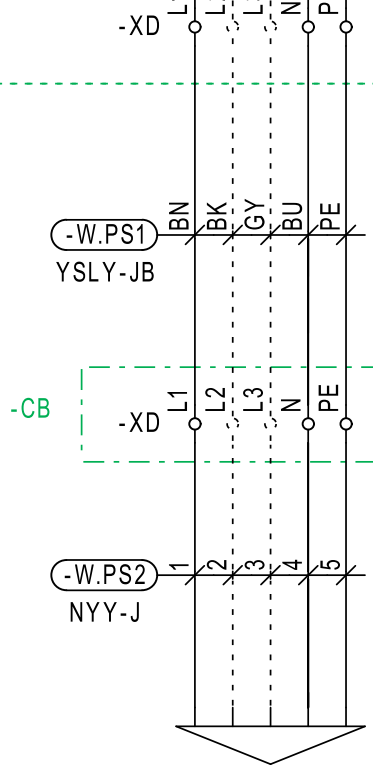
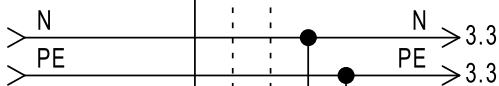


-Q0  
MAIN  
SWITCH



CAUTION!

Present voltage  
even after disconnection  
of main switch!



|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                        |       |       |        |
|----|-----------------|-----------|----------|-------------|------------------------|-------|-------|--------|
|    |                 |           |          | -Q0         | -W.PS1                 | kW    | A     | V      |
| CF | 1000            | 0         | 0        | 25 A        | 3 x 2,5mm <sup>2</sup> | 1,00  | 4,60  | 1x230V |
|    | 1000            | 6         | 0        | 25 A        | 5 x 4 mm <sup>2</sup>  | 7,00  | 13,30 | 3x400V |
|    | 1000            | 0         | 3        | 25 A        | 5 x 2,5mm <sup>2</sup> | 4,00  | 12,10 | 3x400V |
|    | 1000            | 0         | 6        | 25 A        | 5 x 4 mm <sup>2</sup>  | 7,00  | 13,30 | 3x400V |
|    | 1000            | 0         | 8        | 25 A        | 5 x 4 mm <sup>2</sup>  | 9,00  | 16,20 | 3x400V |
|    | 1000            | 6         | 3        | 32 A        | 5 x 6 mm <sup>2</sup>  | 10,00 | 20,80 | 3x400V |
|    | 1000            | 6         | 6        | 32 A        | 5 x 6 mm <sup>2</sup>  | 13,00 | 22,00 | 3x400V |
|    | 1000            | 6         | 8        | 32 A        | 5 x 6 mm <sup>2</sup>  | 15,00 | 24,90 | 3x400V |
| RW | 1000            | 0         | 0        | 25 A        | 3 x 2,5mm <sup>2</sup> | 1,11  | 5,50  | 1x230V |
|    | 1000            | 6         | 0        | 25 A        | 5 x 4 mm <sup>2</sup>  | 7,11  | 14,20 | 3x400V |
|    | 1000            | 0         | 3        | 25 A        | 5 x 4 mm <sup>2</sup>  | 4,11  | 13,00 | 3x400V |
|    | 1000            | 0         | 6        | 25 A        | 5 x 4 mm <sup>2</sup>  | 7,11  | 14,20 | 3x400V |
|    | 1000            | 0         | 8        | 32 A        | 5 x 6 mm <sup>2</sup>  | 9,11  | 17,10 | 3x400V |
|    | 1000            | 6         | 3        | 32 A        | 5 x 6 mm <sup>2</sup>  | 10,11 | 21,70 | 3x400V |
|    | 1000            | 6         | 6        | 32 A        | 5 x 6 mm <sup>2</sup>  | 13,11 | 22,90 | 3x400V |
|    | 1000            | 6         | 8        | 32 A        | 5 x 6 mm <sup>2</sup>  | 15,11 | 25,80 | 3x400V |

|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                        |       |       |        |
|----|-----------------|-----------|----------|-------------|------------------------|-------|-------|--------|
|    |                 |           |          | -Q0         | -W.PS1                 | kW    | A     | V      |
| CF | 3000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 2,46  | 3,80  | 3x400V |
|    | 3000            | 18        | 0        | 40 A        | 5 x 10 mm <sup>2</sup> | 20,46 | 29,90 | 3x400V |
|    | 3000            | 0         | 9        | 25 A        | 5 x 4 mm <sup>2</sup>  | 11,46 | 16,80 | 3x400V |
|    | 3000            | 0         | 18       | 40 A        | 5 x 10 mm <sup>2</sup> | 20,46 | 29,90 | 3x400V |
|    | 3000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 26,46 | 38,60 | 3x400V |
|    | 3000            | 18        | 9        | 63 A        | 5 x 16 mm <sup>2</sup> | 29,46 | 42,90 | 3x400V |
|    | 3000            | 18        | 18       | 63 A        | 5 x 25 mm <sup>2</sup> | 38,46 | 56,00 | 3x400V |
|    | 3000            | 18        | 24       | 100 A       | 5 x 35 mm <sup>2</sup> | 44,46 | 64,70 | 3x400V |
| RW | 3000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 2,57  | 4,70  | 3x400V |
|    | 3000            | 18        | 0        | 40 A        | 5 x 10 mm <sup>2</sup> | 20,57 | 30,80 | 3x400V |
|    | 3000            | 0         | 9        | 32 A        | 5 x 6 mm <sup>2</sup>  | 11,57 | 17,70 | 3x400V |
|    | 3000            | 0         | 18       | 40 A        | 5 x 10 mm <sup>2</sup> | 20,57 | 30,80 | 3x400V |
|    | 3000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 26,57 | 39,50 | 3x400V |
|    | 3000            | 18        | 9        | 63 A        | 5 x 16 mm <sup>2</sup> | 29,57 | 43,80 | 3x400V |
|    | 3000            | 18        | 18       | 63 A        | 5 x 25 mm <sup>2</sup> | 38,57 | 56,90 | 3x400V |
|    | 3000            | 18        | 24       | 100 A       | 5 x 35 mm <sup>2</sup> | 44,57 | 65,60 | 3x400V |

|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                        |       |        |        |
|----|-----------------|-----------|----------|-------------|------------------------|-------|--------|--------|
|    |                 |           |          | -Q0         | -W.PS1                 | kW    | A      | V      |
| CF | 6000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 5,20  | 8,00   | 3x400V |
|    | 6000            | 36        | 0        | 100 A       | 5 x 35 mm <sup>2</sup> | 41,20 | 60,20  | 3x400V |
|    | 6000            | 0         | 18       | 40 A        | 5 x 10 mm <sup>2</sup> | 23,20 | 34,10  | 3x400V |
|    | 6000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 29,20 | 42,80  | 3x400V |
|    | 6000            | 0         | 36       | 100 A       | 5 x 35 mm <sup>2</sup> | 41,20 | 60,20  | 3x400V |
|    | 6000            | 36        | 18       | 100 A       | 5 x 50 mm <sup>2</sup> | 59,20 | 86,30  | 3x400V |
|    | 6000            | 36        | 24       | 100 A       | 5 x 50 mm <sup>2</sup> | 65,20 | 95,00  | 3x400V |
|    | 6000            | 36        | 36       | 125 A       | 5 x 75 mm <sup>2</sup> | 77,20 | 112,40 | 3x400V |
| RW | 6000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 5,31  | 8,90   | 3x400V |
|    | 6000            | 36        | 0        | 100 A       | 5 x 35 mm <sup>2</sup> | 41,31 | 61,10  | 3x400V |
|    | 6000            | 0         | 18       | 40 A        | 5 x 10 mm <sup>2</sup> | 23,31 | 35,00  | 3x400V |
|    | 6000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 29,31 | 43,70  | 3x400V |
|    | 6000            | 0         | 36       | 100 A       | 5 x 35 mm <sup>2</sup> | 41,31 | 61,10  | 3x400V |
|    | 6000            | 36        | 18       | 100 A       | 5 x 50 mm <sup>2</sup> | 59,31 | 87,20  | 3x400V |
|    | 6000            | 36        | 24       | 100 A       | 5 x 50 mm <sup>2</sup> | 65,31 | 95,90  | 3x400V |
|    | 6000            | 36        | 36       | 125 A       | 5 x 75 mm <sup>2</sup> | 77,31 | 113,30 | 3x400V |

|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                        |       |       |        |
|----|-----------------|-----------|----------|-------------|------------------------|-------|-------|--------|
|    |                 |           |          | -Q0         | -W.PS1                 | kW    | A     | V      |
| CF | 2000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 2,36  | 3,60  | 3x400V |
|    | 2000            | 12        | 0        | 32 A        | 5 x 6 mm <sup>2</sup>  | 14,36 | 21,00 | 3x400V |
|    | 2000            | 0         | 6        | 25 A        | 5 x 2,5mm <sup>2</sup> | 8,36  | 12,30 | 3x400V |
|    | 2000            | 0         | 12       | 32 A        | 5 x 6 mm <sup>2</sup>  | 14,36 | 21,00 | 3x400V |
|    | 2000            | 0         | 15       | 32 A        | 5 x 6 mm <sup>2</sup>  | 17,36 | 25,30 | 3x400V |
|    | 2000            | 12        | 6        | 40 A        | 5 x 10 mm <sup>2</sup> | 20,36 | 29,70 | 3x400V |
|    | 2000            | 12        | 12       | 63 A        | 5 x 16 mm <sup>2</sup> | 26,36 | 38,40 | 3x400V |
|    | 2000            | 12        | 15       | 63 A        | 5 x 16 mm <sup>2</sup> | 29,36 | 42,70 | 3x400V |
| RW | 2000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 2,47  | 4,50  | 3x400V |
|    | 2000            | 12        | 0        | 32 A        | 5 x 6 mm <sup>2</sup>  | 14,47 | 21,90 | 3x400V |
|    | 2000            | 0         | 6        | 25 A        | 5 x 4 mm <sup>2</sup>  | 8,47  | 13,20 | 3x400V |
|    | 2000            | 0         | 12       | 32 A        | 5 x 6 mm <sup>2</sup>  | 14,47 | 21,90 | 3x400V |
|    | 2000            | 0         | 15       | 32 A        | 5 x 6 mm <sup>2</sup>  | 17,47 | 26,20 | 3x400V |
|    | 2000            | 12        | 6        | 40 A        | 5 x 10 mm <sup>2</sup> | 20,47 | 30,60 | 3x400V |
|    | 2000            | 12        | 12       | 63 A        | 5 x 16 mm <sup>2</sup> | 26,47 | 39,30 | 3x400V |
|    | 2000            | 12        | 15       | 63 A        | 5 x 16 mm <sup>2</sup> | 29,47 | 43,60 | 3x400V |

|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                        |       |       |        |
|----|-----------------|-----------|----------|-------------|------------------------|-------|-------|--------|
|    |                 |           |          | -Q0         | -W.PS1                 | kW    | A     | V      |
| CF | 4000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 3,40  | 5,20  | 3x400V |
|    | 4000            | 24        | 0        | 63 A        | 5 x 16 mm <sup>2</sup> | 27,40 | 40,00 | 3x400V |
|    | 4000            | 0         | 12       | 32 A        | 5 x 6 mm <sup>2</sup>  | 15,40 | 22,60 | 3x400V |
|    | 4000            | 0         | 15       | 32 A        | 5 x 6 mm <sup>2</sup>  | 18,40 | 26,90 | 3x400V |
|    | 4000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 27,40 | 40,00 | 3x400V |
|    | 4000            | 24        | 12       | 63 A        | 5 x 25 mm <sup>2</sup> | 39,40 | 57,40 | 3x400V |
|    | 4000            | 24        | 15       | 100 A       | 5 x 35 mm <sup>2</sup> | 42,40 | 61,70 | 3x400V |
|    | 4000            | 24        | 24       | 100 A       | 5 x 35 mm <sup>2</sup> | 51,40 | 74,80 | 3x400V |
| RW | 4000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 3,51  | 6,10  | 3x400V |
|    | 4000            | 24        | 0        | 63 A        | 5 x 16 mm <sup>2</sup> | 27,51 | 40,90 | 3x400V |
|    | 4000            | 0         | 12       | 32 A        | 5 x 6 mm <sup>2</sup>  | 15,51 | 23,50 | 3x400V |
|    | 4000            | 0         | 15       | 32 A        | 5 x 6 mm <sup>2</sup>  | 18,51 | 27,80 | 3x400V |
|    | 4000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 27,51 | 40,90 | 3x400V |
|    | 4000            | 24        | 12       | 63 A        | 5 x 25 mm <sup>2</sup> | 39,51 | 58,30 | 3x400V |
|    | 4000            | 24        | 15       | 100 A       | 5 x 35 mm <sup>2</sup> | 42,51 | 62,60 | 3x400V |
|    | 4000            | 24        | 24       | 100 A       | 5 x 35 mm <sup>2</sup> | 51,51 | 75,70 | 3x400V |

|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                        |        |        |        |
|----|-----------------|-----------|----------|-------------|------------------------|--------|--------|--------|
|    |                 |           |          | -Q0         | -W.PS1                 | kW     | A      | V      |
| CF | 8000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 5,80   | 8,86   | 3x400V |
|    | 8000            | 48        | 0        | 100 A       | 5 x 50 mm <sup>2</sup> | 53,80  | 78,46  | 3x400V |
|    | 8000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 29,80  | 43,66  | 3x400V |
|    | 8000            | 0         | 48       | 100 A       | 5 x 50 mm <sup>2</sup> | 53,80  | 78,46  | 3x400V |
|    | 8000            | 48        | 24       | 125 A       | 5 x 75 mm <sup>2</sup> | 77,80  | 113,26 | 3x400V |
|    | 8000            | 48        | 48       | 160 A       | 5 x 95 mm <sup>2</sup> | 101,80 | 148,06 | 3x400V |
|    | 8000            | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup> | 5,91   | 9,76   | 3x400V |
|    | 8000            | 48        | 0        | 100 A       | 5 x 50 mm <sup>2</sup> | 53,91  | 79,36  | 3x400V |
| RW | 8000            | 0         | 24       | 63 A        | 5 x 16 mm <sup>2</sup> | 29,91  | 44,56  | 3x400V |
|    | 8000            | 0         | 48       | 100 A       | 5 x 50 mm <sup>2</sup> | 53,91  | 79,36  | 3x400V |
|    | 8000            | 48        | 24       | 125 A       | 5 x 75 mm <sup>2</sup> | 77,91  | 114,16 | 3x400V |
|    | 8000            | 48        | 48       | 160 A       | 5 x 95 mm <sup>2</sup> | 101,91 | 148,96 | 3x400V |

|    | COMPAIR<br>SIZE | EEV<br>kW | EE<br>kW | MAIN SUPPLY |                         |        |        |        |
|----|-----------------|-----------|----------|-------------|-------------------------|--------|--------|--------|
|    |                 |           |          | -Q0         | -W.PS1                  | kW     | A      | V      |
| CF | 10000           | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup>  | 7,06   | 10,80  | 3x400V |
|    | 10000           | 64        | 0        | 125 A       | 5 x 75 mm <sup>2</sup>  | 71,06  | 103,60 | 3x400V |
|    | 10000           | 0         | 32       | 63 A        | 5 x 25 mm <sup>2</sup>  | 39,06  | 57,20  | 3x400V |
|    | 10000           | 0         | 64       | 125 A       | 5 x 75 mm <sup>2</sup>  | 71,06  | 103,60 | 3x400V |
|    | 10000           | 64        | 32       | 160 A       | 5 x 95 mm <sup>2</sup>  | 103,06 | 150,00 | 3x400V |
|    | 10000           | 64        | 64       | 200 A       | 5 x 120 mm <sup>2</sup> | 135,06 | 196,40 | 3x400V |
| RW | 10000           | 0         | 0        | 25 A        | 5 x 2,5mm <sup>2</sup>  | 7,17   | 11,70  | 3x400V |
|    | 10000           | 64        | 0        | 125 A       | 5 x 75 mm <sup>2</sup>  | 71,17  | 104,50 | 3x400V |
|    | 10000           | 0         | 32       | 63 A        | 5 x 25 mm <sup>2</sup>  | 39,17  | 58,10  | 3x400V |
|    | 10000           | 0         | 64       | 125 A       | 5 x 75 mm <sup>2</sup>  | 71,17  | 104,50 | 3x400V |
|    | 10000           | 64        | 32       | 160 A       | 5 x 95 mm <sup>2</sup>  | 103,17 | 150,90 | 3x400V |
|    | 10000           | 64        | 64       | 200 A       | 5 x 120 mm <sup>2</sup> | 135,17 | 197,30 | 3x400V |

FEATURE POSSIBLE  
IN REGULATION

|          |     |
|----------|-----|
| BASIC    | YES |
| STANDARD | YES |
| ADVANCED | YES |

FEATURE POSSIBLE  
IN RECUPERATION TYPE

|    |     |
|----|-----|
| CF | YES |
| RW | YES |

FEATURE INSTALLED IN  
ECC WHEN SELECTED  
ACCESSORIES

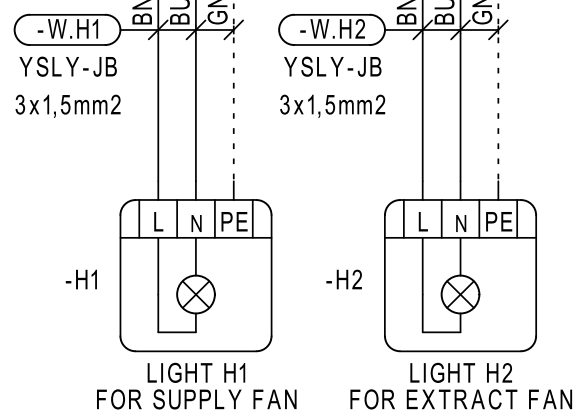
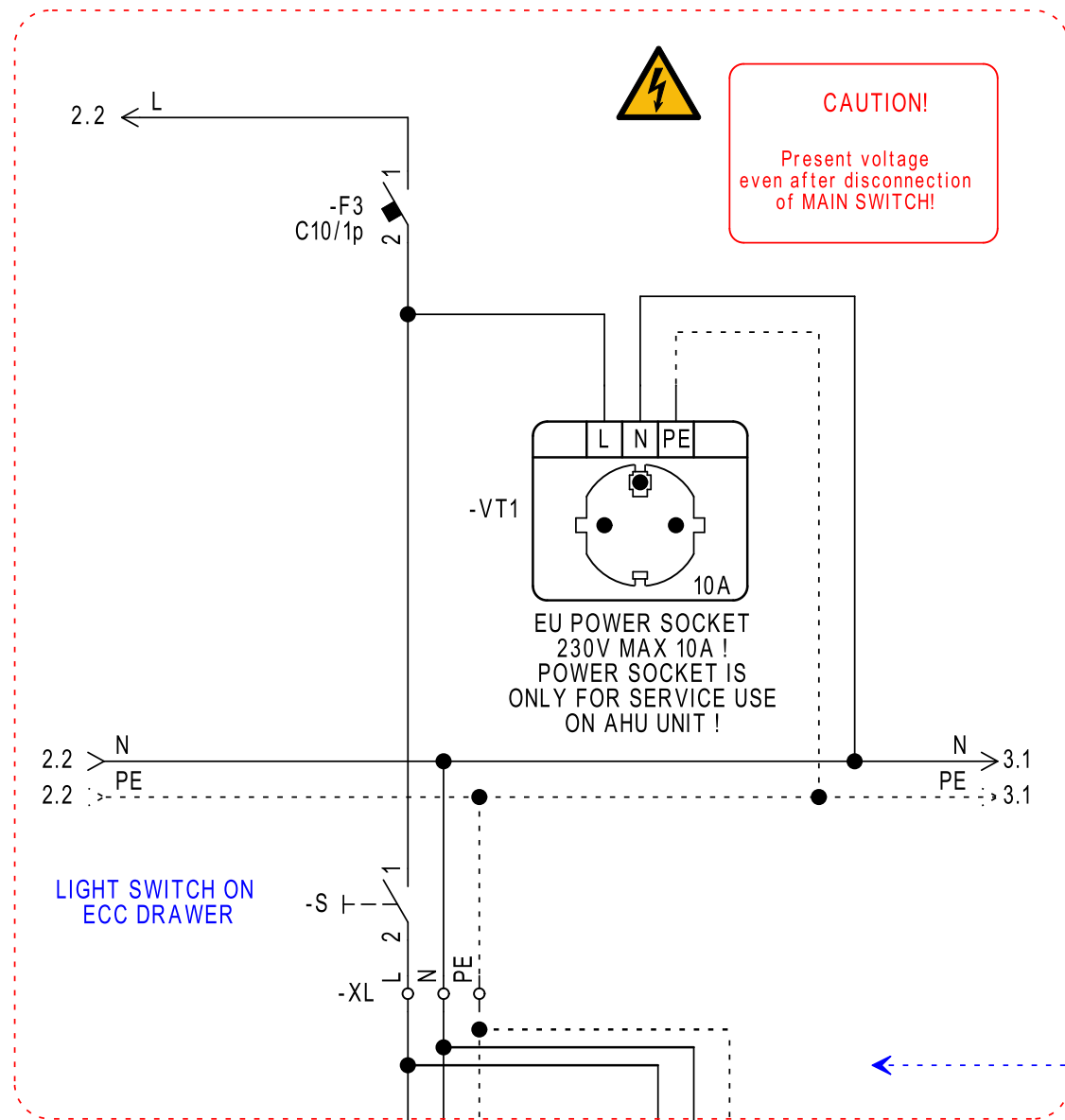
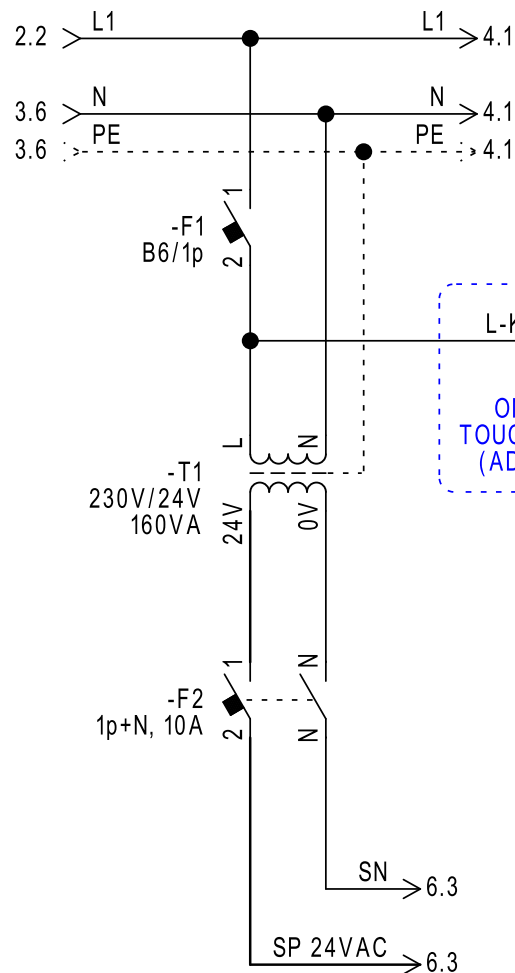
|       |
|-------|
| 1000  |
| 2000  |
| 3000  |
| 4000  |
| 6000  |
| 8000  |
| 10000 |

NOTE:  
1 PHASE SUPPLY ONLY  
FOR SIZE 1000  
WITHOUT EEV AND EE  
TERMINALS L2 & L3  
NOT INSTALLED

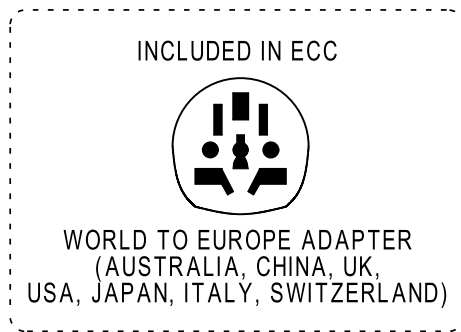
ORDER KEY EXAMPLE: CompAir RW1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KW - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU



**CAUTION!**  
Present voltage  
even after disconnection  
of MAIN SWITCH!



TERMINALS FOR LIGHTS  
INSTALLED ALWAYS

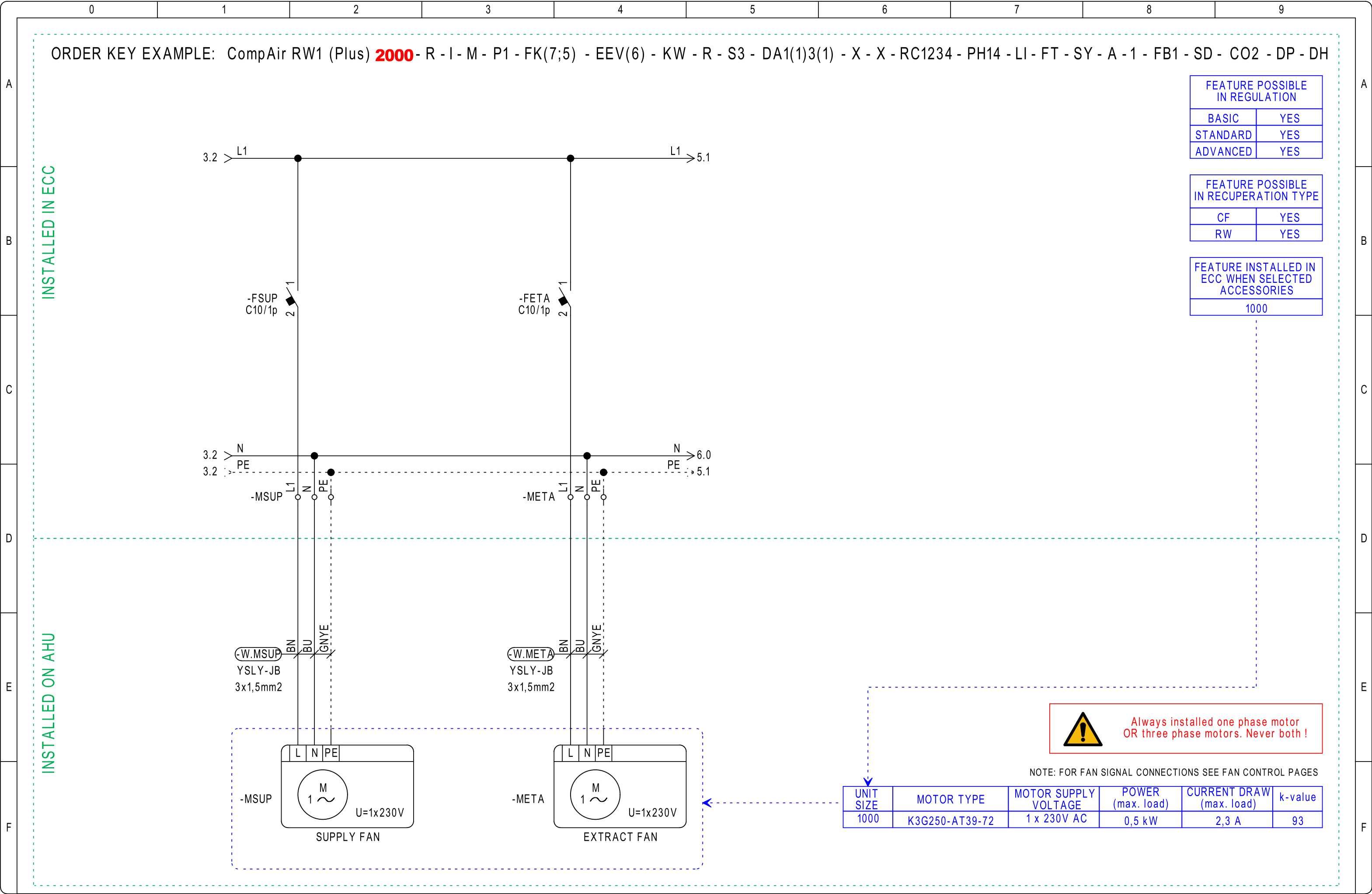
LIGHTS  
INSTALLED ON AHU IF  
SELECTED ACCESSORIES = LI

| FEATURE POSSIBLE<br>IN REGULATION |     |
|-----------------------------------|-----|
| BASIC                             | YES |
| STANDARD                          | YES |
| ADVANCED                          | YES |

| FEATURE POSSIBLE<br>IN RECUPERATION TYPE |     |
|------------------------------------------|-----|
| CF                                       | YES |
| RW                                       | YES |

| FEATURE INSTALLED IN<br>ECC WHEN SELECTED<br>ACCESSORIES |  |
|----------------------------------------------------------|--|
| LI                                                       |  |

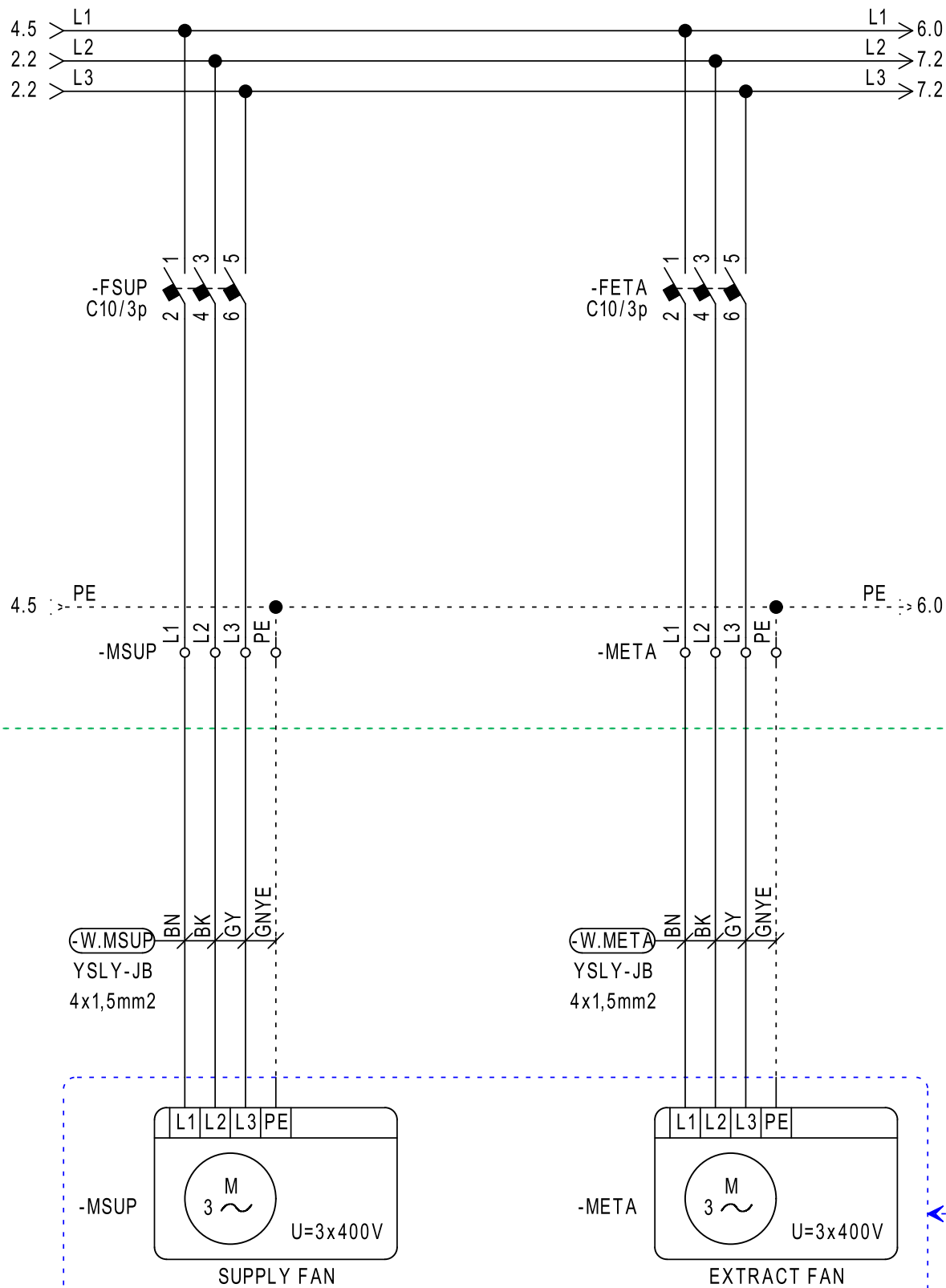




ORDER KEY EXAMPLE: CompAir RW1 (Plus) **2000**- R - I - M - P1 - FK(7;5) - EEV(6) EEV(6) R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU



| FEATURE POSSIBLE<br>IN REGULATION |     |
|-----------------------------------|-----|
| BASIC                             | YES |
| STANDARD                          | YES |
| ADVANCED                          | YES |

| FEATURE POSSIBLE<br>IN RECUPERATION TYPE |     |
|------------------------------------------|-----|
| CF                                       | YES |
| RW                                       | YES |

| FEATURE INSTALLED IN<br>ECC WHEN SELECTED<br>ACCESSORIES |  |
|----------------------------------------------------------|--|
| 2000                                                     |  |
| 3000                                                     |  |
| 4000                                                     |  |
| 6000                                                     |  |
| 8000                                                     |  |
| 10000                                                    |  |

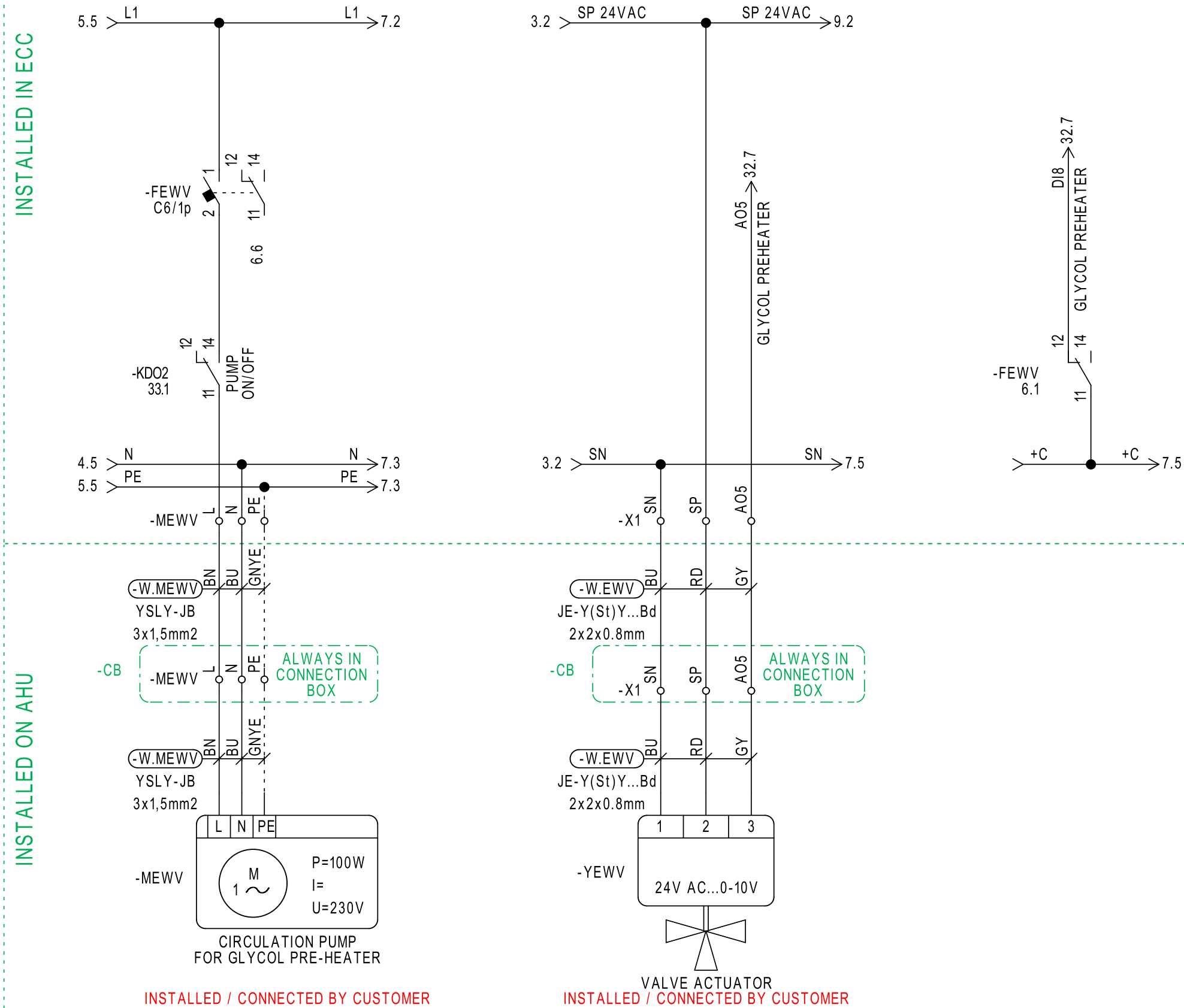


Always installed one phase motor  
OR three phase motors. Never both !

NOTE: FOR FAN SIGNAL CONNECTIONS SEE FAN CONTROL PAGES

| UNIT<br>SIZE | MOTOR TYPE     | MOTOR SUPPLY<br>VOLTAGE | POWER<br>(max. load) | CURRENT DRAW<br>(max. load) | k-value |
|--------------|----------------|-------------------------|----------------------|-----------------------------|---------|
| 2000         | K3G250-PR02-J2 | 3 x 400V AC             | 1,18 kW              | 1,8 A                       | 70      |
| 3000         | K3G310-PT08-J2 | 3 x 400V AC             | 1,23 kW              | 1,9 A                       | 116     |
| 4000         | K3G355-AY40-02 | 3 x 400V AC             | 1,70 kW              | 2,6 A                       | 148     |
| 6000         | K3G400-AQ23-01 | 3 x 400V AC             | 3,00 kW              | 4,6 A                       | 188     |
| 8000         | K3G500-PA23-71 | 3 x 400V AC             | 3,45 kW              | 5,3 A                       | 281     |
| 10000        | K3G560-PB31-71 | 3 x 400V AC             | 3,3 kW               | 5,1 A                       | 348     |

ORDER KEY EXAMPLE: CompAir **CF1** (Plus) 2000 - R - I - M - P1 - FK(7;5) - **EWV** - KW - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - **A** - 1 - FB1 - SD - CO2 - DP - DH



| FEATURE POSSIBLE<br>IN REGULATION |     |
|-----------------------------------|-----|
| BASIC                             | NO  |
| STANDARD                          | YES |
| ADVANCED                          | YES |

| FEATURE POSSIBLE<br>IN RECUPERATION TYPE |     |
|------------------------------------------|-----|
| CF                                       | YES |
| RW                                       | NO  |

|                                                          |
|----------------------------------------------------------|
| FEATURE INSTALLED IN<br>ECC WHEN SELECTED<br>ACCESSORIES |
| EWV                                                      |
| EWVd                                                     |

V = PREHEATER  
d = DUCT

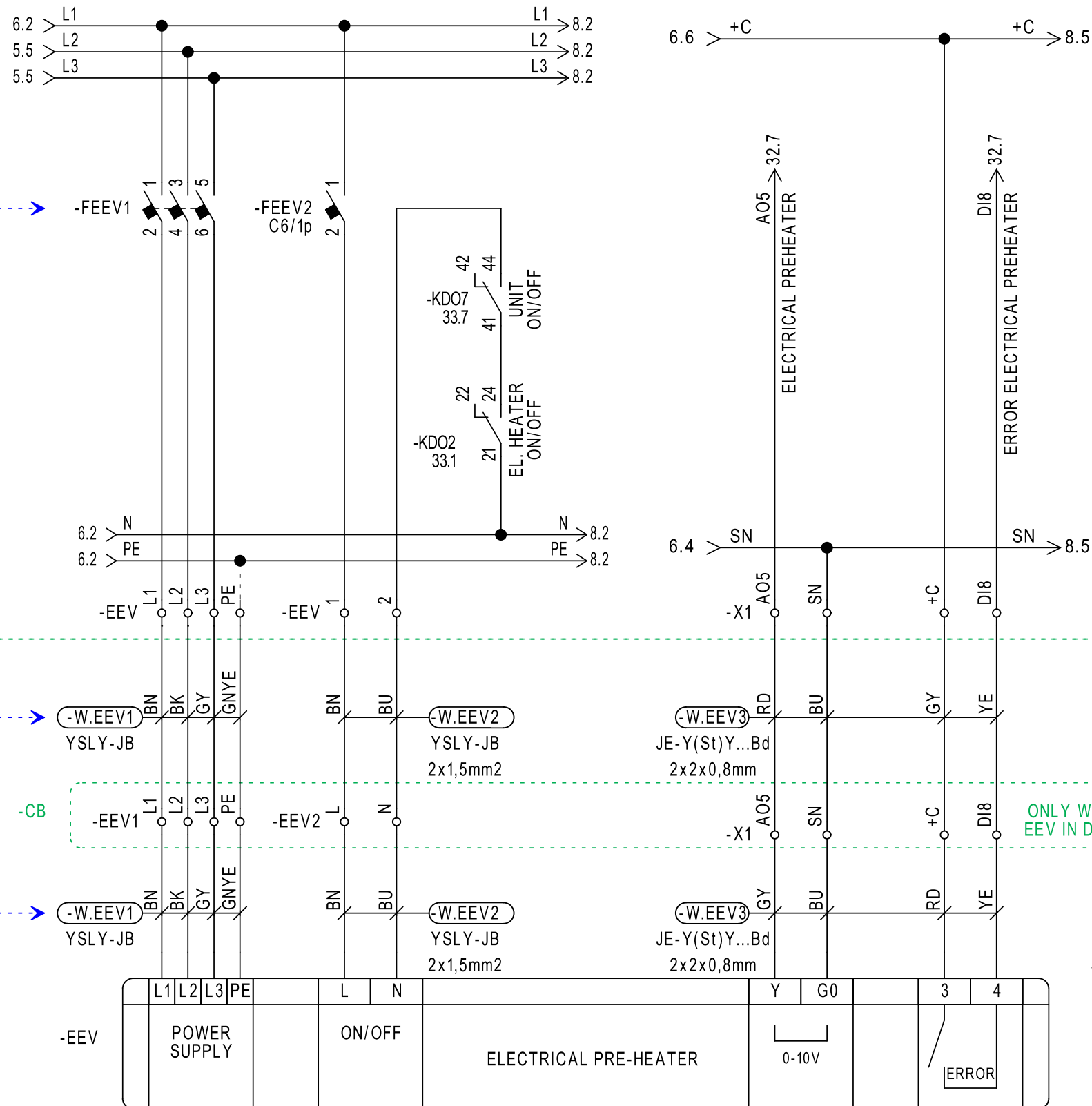


ORDER KEY EXAMPLE: CompAir **CF1** (Plus) 2000 - R - I - M - P1 - FK(7;5) - **EEV(6)** - KW - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - **A** - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU

| ACCORDING TO ORDERED HEATER |        |                        |
|-----------------------------|--------|------------------------|
| HEATER POWER                | FUSE   | CABLE                  |
| 3 kW                        | C 10A  | 4 x 1,5mm <sup>2</sup> |
| 6 kW                        | C 10A  | 4 x 1,5mm <sup>2</sup> |
| 8 kW                        | C 16A  | 4 x 2,5mm <sup>2</sup> |
| 9 kW                        | C 16A  | 4 x 2,5mm <sup>2</sup> |
| 12 kW                       | C 20A  | 4 x 4mm <sup>2</sup>   |
| 15 kW                       | C 32A  | 4 x 6mm <sup>2</sup>   |
| 18 kW                       | C 32A  | 4 x 6mm <sup>2</sup>   |
| 24 kW                       | C 40A  | 4 x 10mm <sup>2</sup>  |
| 36 kW                       | C 63A  | 4 x 25mm <sup>2</sup>  |
| 48 kW                       | C 80A  | 4 x 35mm <sup>2</sup>  |
| 64 kW                       | C 100A | 4 x 50mm <sup>2</sup>  |



| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | NO  |
| STANDARD                       | YES |
| ADVANCED                       | YES |

| FEATURE POSSIBLE IN RECUPERATION TYPE |     |
|---------------------------------------|-----|
| CF                                    | YES |
| RW                                    | NO  |

| FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES |  |
|----------------------------------------------------|--|
| EEV(*)                                             |  |
| EEV(*)d                                            |  |

\* = POWER IN kW  
V = PREHEATER  
d = DUCT

ONLY WHEN EEV IN DUCT

WHEN ELECTRICAL PRE-HEATER IN DUCT  
CUSTOMER INSTALLS EL. HEATER  
AND CONNECTS TO TERMINALS  
EEVd

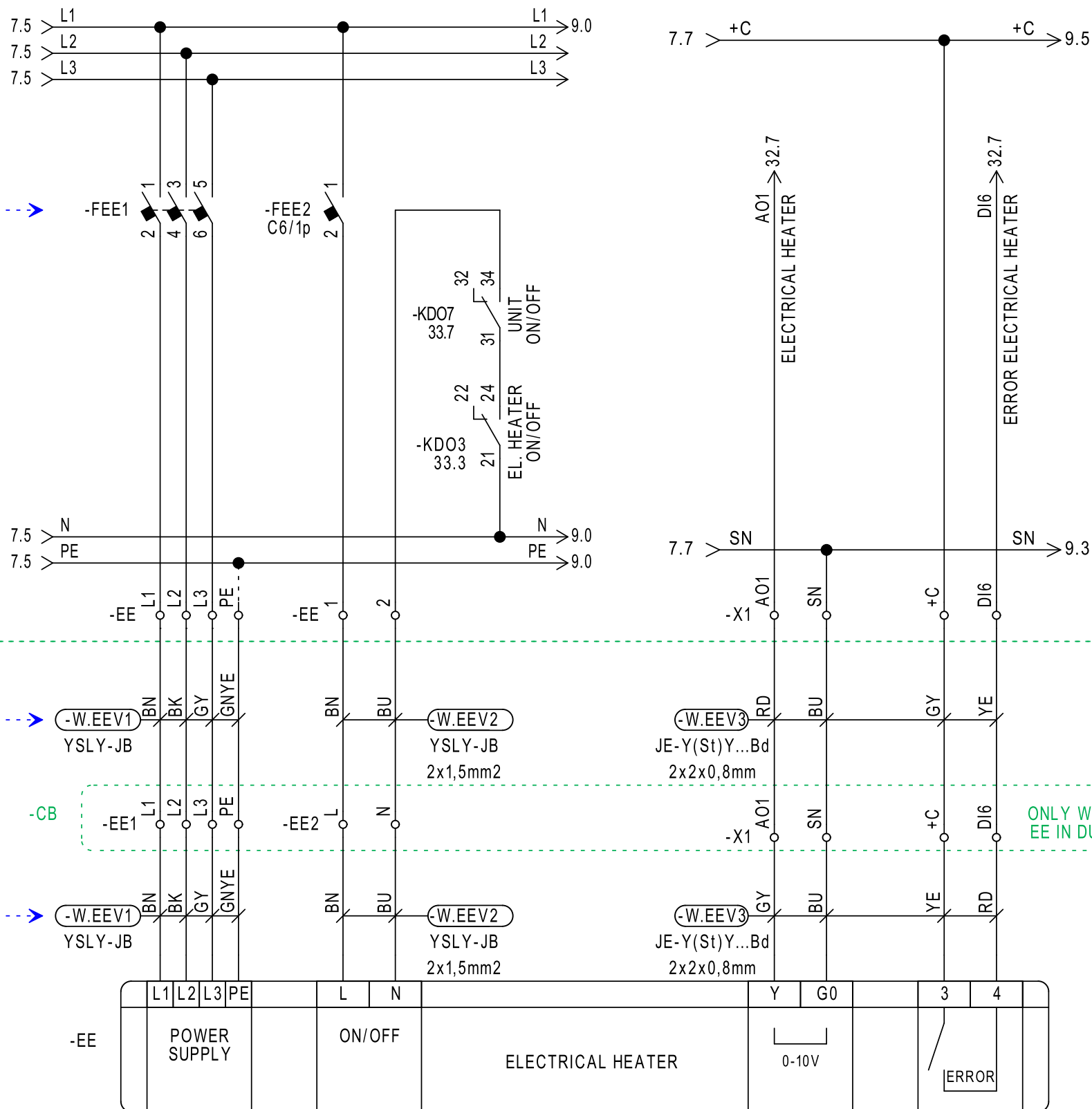
EEV = INSTALLED / CONNECTED BY OC-IMP KLIMA  
EEVd = INSTALLED / CONNECTED BY CUSTOMER

ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EWV - **EE(6)** - X - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU

| ACCORDING TO ORDERED HEATER |        |                        |
|-----------------------------|--------|------------------------|
| HEATER POWER                | FUSE   | CABLE                  |
| 3 kW                        | C 10A  | 4 x 1,5mm <sup>2</sup> |
| 6 kW                        | C 10A  | 4 x 1,5mm <sup>2</sup> |
| 8 kW                        | C 16A  | 4 x 2,5mm <sup>2</sup> |
| 9 kW                        | C 16A  | 4 x 2,5mm <sup>2</sup> |
| 12 kW                       | C 20A  | 4 x 4mm <sup>2</sup>   |
| 15 kW                       | C 32A  | 4 x 6mm <sup>2</sup>   |
| 18 kW                       | C 32A  | 4 x 6mm <sup>2</sup>   |
| 24 kW                       | C 40A  | 4 x 10mm <sup>2</sup>  |
| 36 kW                       | C 63A  | 4 x 25mm <sup>2</sup>  |
| 48 kW                       | C 80A  | 4 x 35mm <sup>2</sup>  |
| 64 kW                       | C 100A | 4 x 50mm <sup>2</sup>  |



| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | YES |
| STANDARD                       | YES |
| ADVANCED                       | YES |

| FEATURE POSSIBLE IN RECUPERATION TYPE |     |
|---------------------------------------|-----|
| CF                                    | YES |
| RW                                    | YES |

| FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES |  |
|----------------------------------------------------|--|
| EE(*)                                              |  |
| EE(*)d                                             |  |
| EE(*)+KW                                           |  |
| EE(*)d+KWd                                         |  |
| EE(*)+KD                                           |  |

\* = POWER IN kW  
d = DUCT



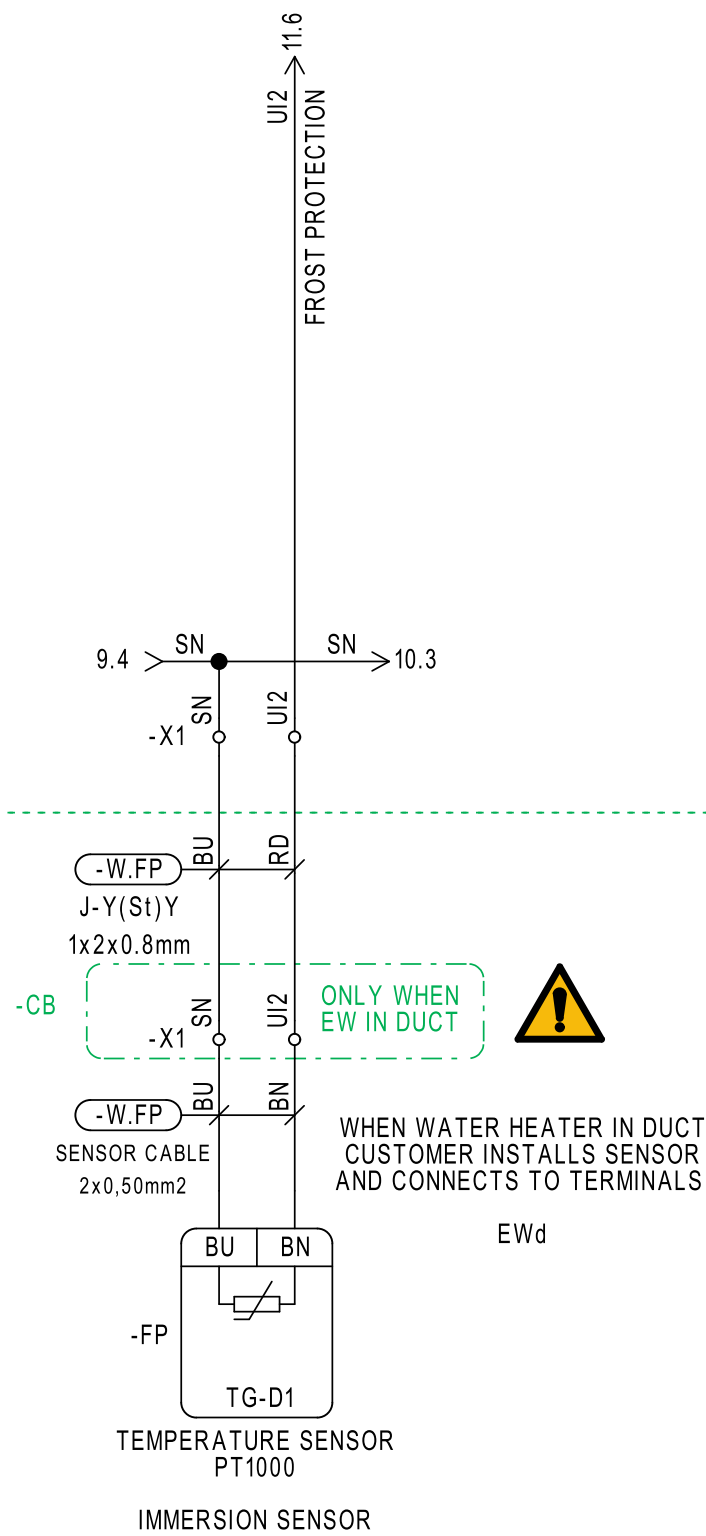
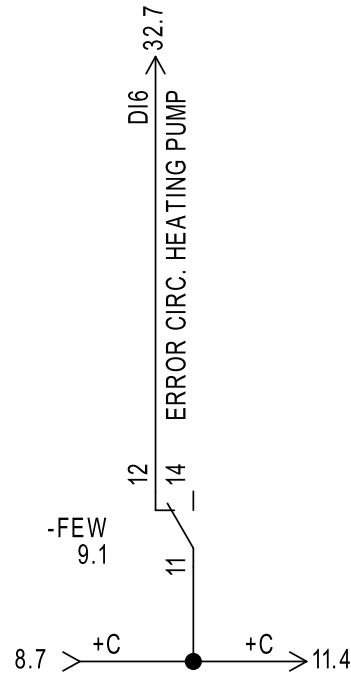
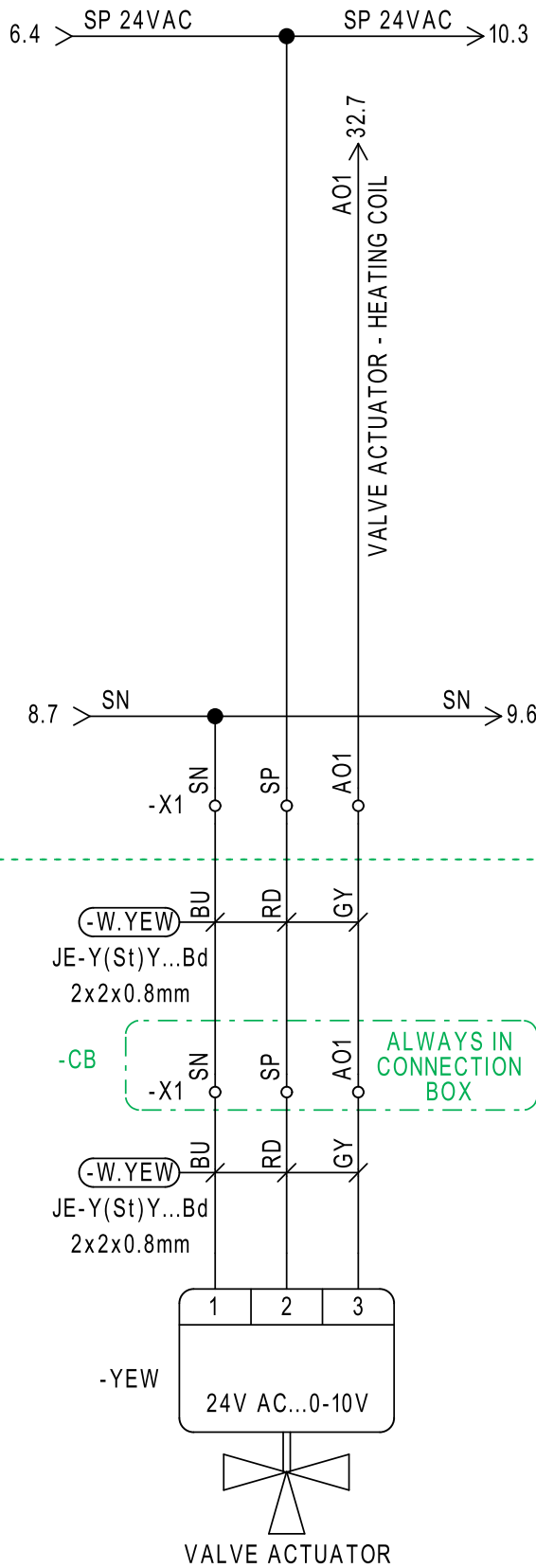
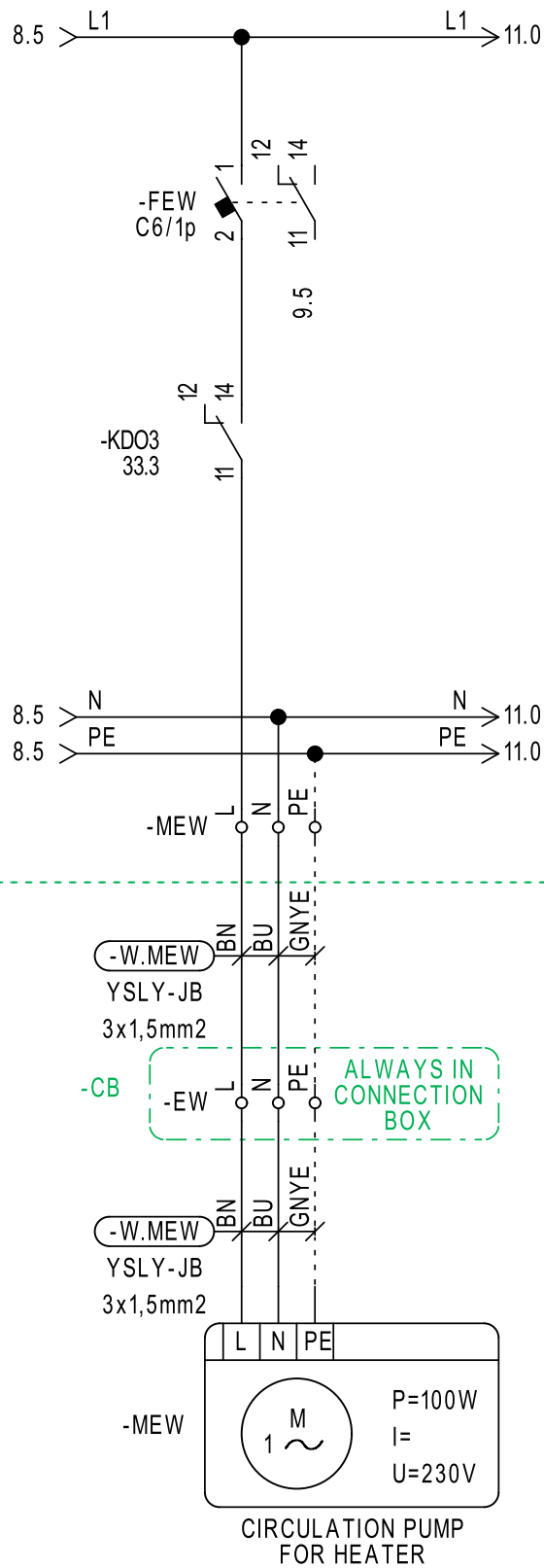
WHEN ELECTRICAL HEATER IN DUCT  
CUSTOMER INSTALLS EL. HEATER  
AND CONNECTS TO TERMINALS

EEd

ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - **EW - X** - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU



| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | YES |
| STANDARD                       | YES |
| ADVANCED                       | YES |

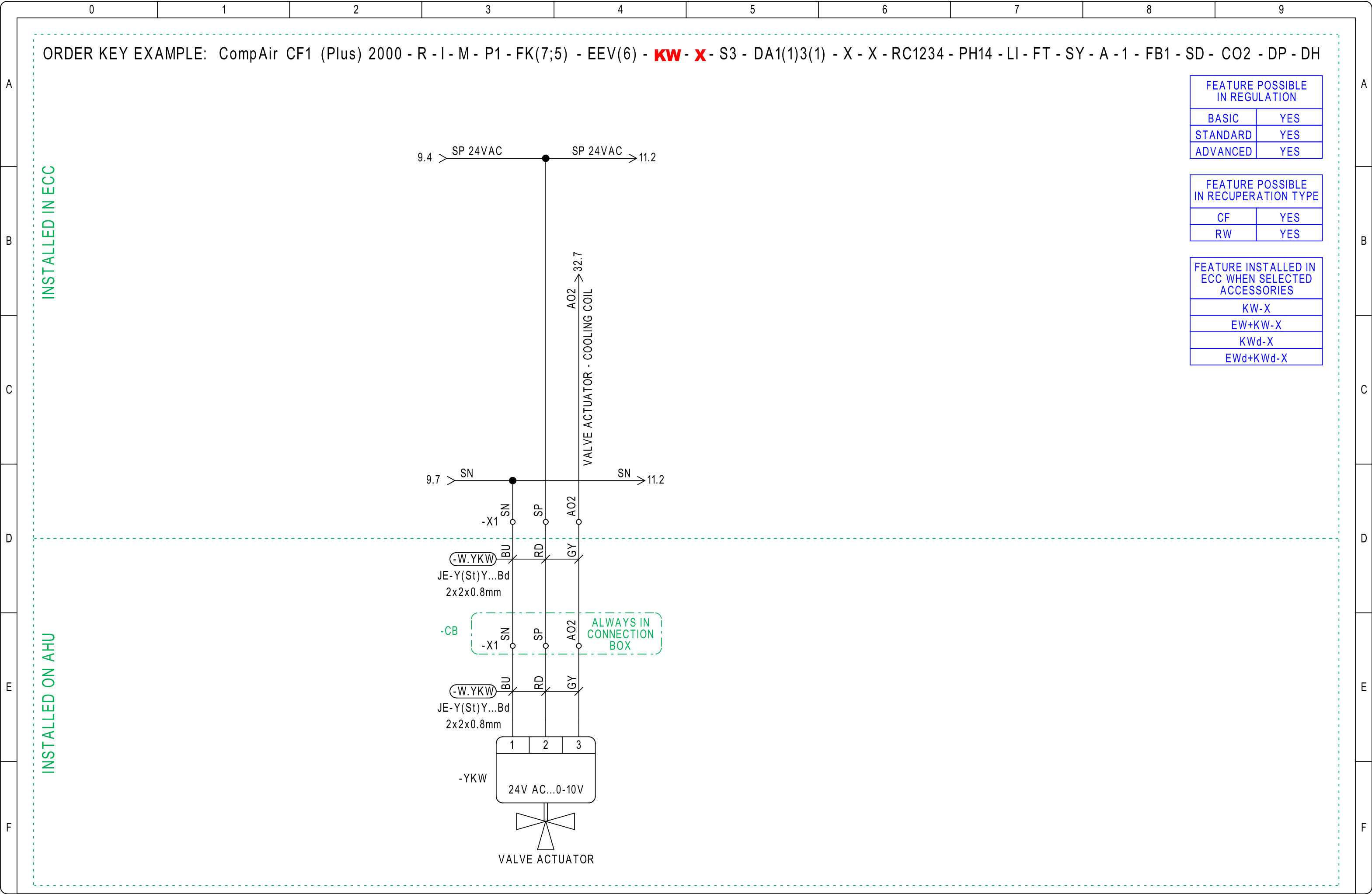
| FEATURE POSSIBLE IN RECUPERATION TYPE |     |
|---------------------------------------|-----|
| CF                                    | YES |
| RW                                    | YES |

| FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES |  |
|----------------------------------------------------|--|
| EW-X                                               |  |
| EWd-X                                              |  |
| EW+KW-X                                            |  |
| EWd+KWd-X                                          |  |
| EW+KW-R                                            |  |
| EWd+KWd-R                                          |  |
| EW+KD-X                                            |  |
| EWd+KDd-X                                          |  |
| EW+KD-R                                            |  |
| EWd+KDd-R                                          |  |



WHEN WATER HEATER IN DUCT  
CUSTOMER INSTALLS SENSOR  
AND CONNECTS TO TERMINALS

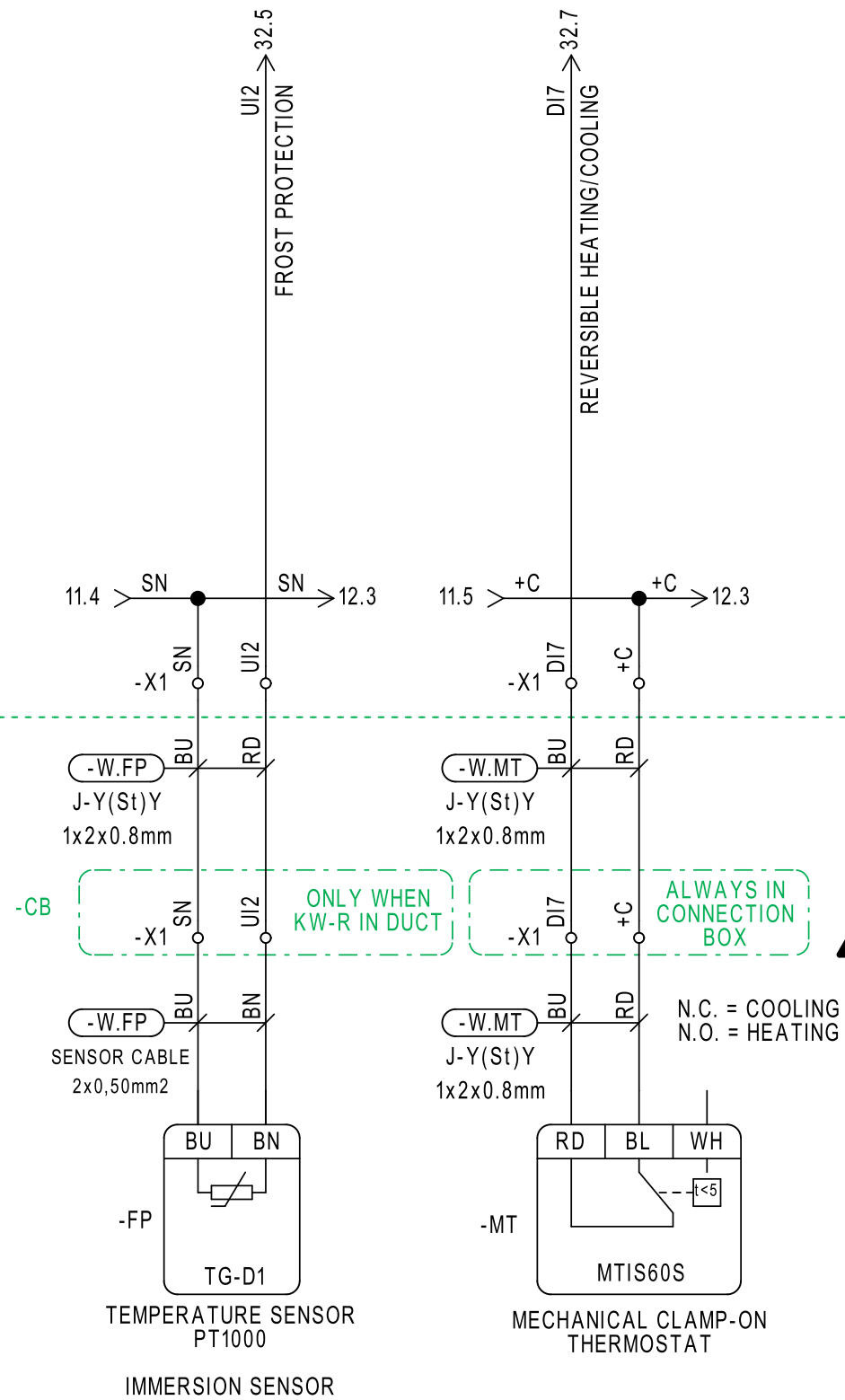
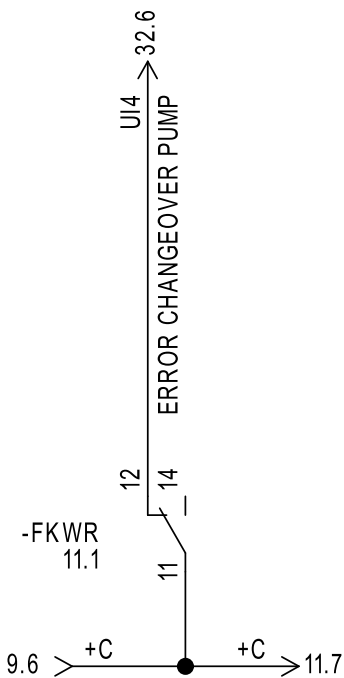
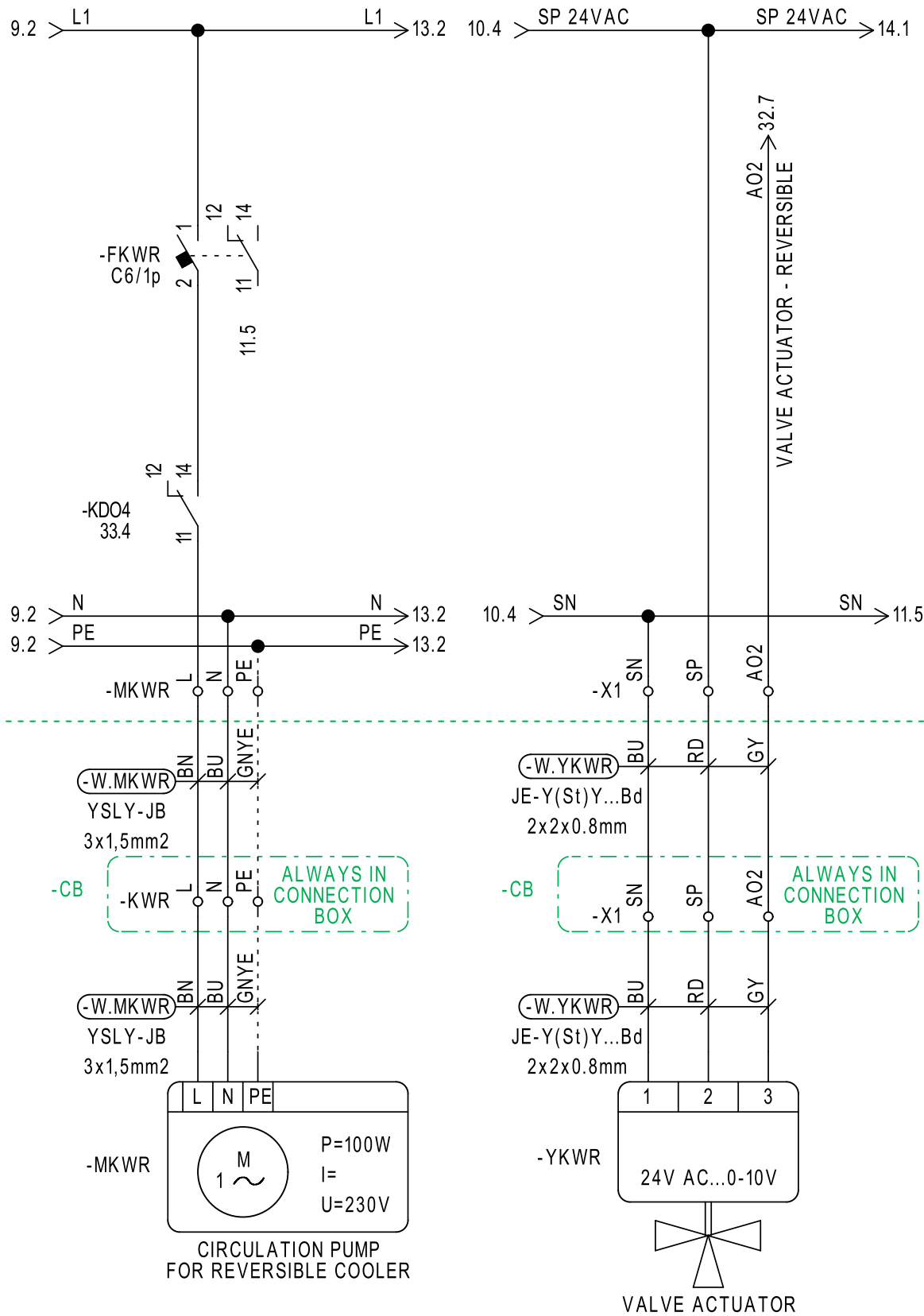
EWd



ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - **KW - R** - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU

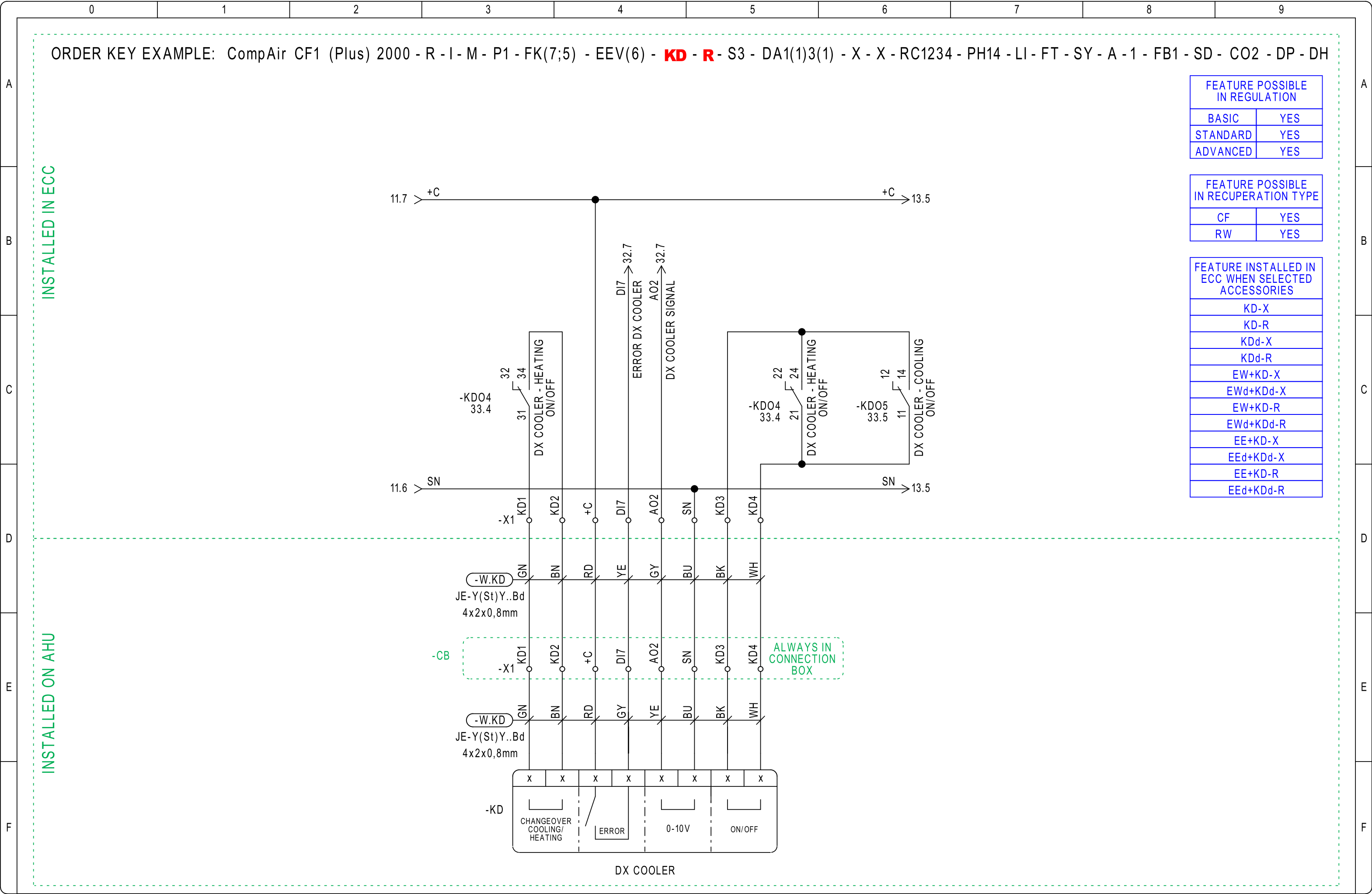


| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | YES |
| STANDARD                       | YES |
| ADVANCED                       | YES |

| FEATURE POSSIBLE IN RECUPERATION TYPE |     |
|---------------------------------------|-----|
| CF                                    | YES |
| RW                                    | YES |

| FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES |  |
|----------------------------------------------------|--|
| KW-R                                               |  |
| EW+KW-R                                            |  |
| KWd-R                                              |  |
| EWd+KWd-R                                          |  |



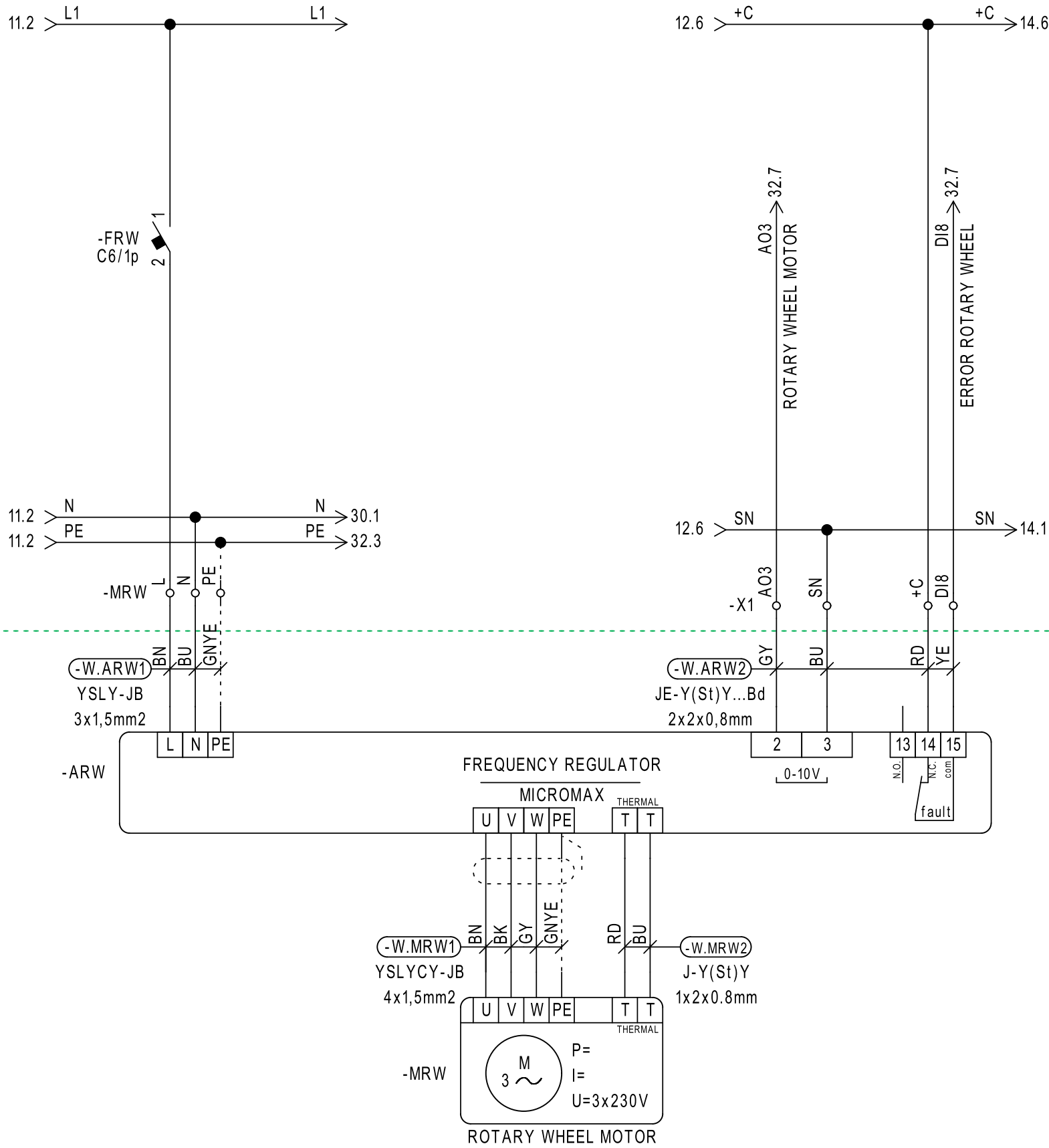




ORDER KEY EXAMPLE: CompAir **RW1** (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU



ORDER KEY EXAMPLE: CompAir **CF1** (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU

11.3 > SP 24VAC

SP 24VAC > 16.1

AO3 > 32.7  
PLATE RECUPERATOR DAMPER

13.6 > SN

SN > 14.4

-X1 SN  
SP  
AO3

-W.YCF  
JE-Y(St)Y...Bd  
2x2x0.8mm2

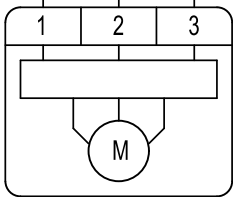


PLATE RECUPERATOR  
DAMPER ACTUATOR

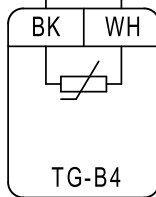
AI4 > 32.5  
TEMP. BEHIND PLATE REC.

14.3 > SN

SN > 15.1

-X1 SN  
AI4

-W.BCF  
SENSOR CABLE  
2x0,50mm2



TEMPERATURE SENSOR  
PT1000

TEMP. BEHIND PLATE  
EXCHANGER

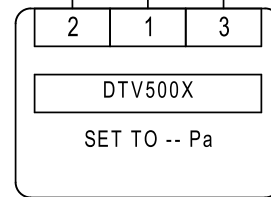
13.6 > +C

+C > 18.2

DI2 > 32.7  
RECUPERATOR FROST GUARD

-X1 DI2  
+C

-W.BCF  
J-Y(St)Y  
1x2x0.8mm



PRESSURE SWITCH

PLATE RECUPERATOR

OPTION

FEATURE POSSIBLE  
IN REGULATION

|          |     |
|----------|-----|
| BASIC    | YES |
| STANDARD | YES |
| ADVANCED | YES |

FEATURE POSSIBLE  
IN RECUPERATION TYPE

|    |     |
|----|-----|
| CF | YES |
| RW | NO  |

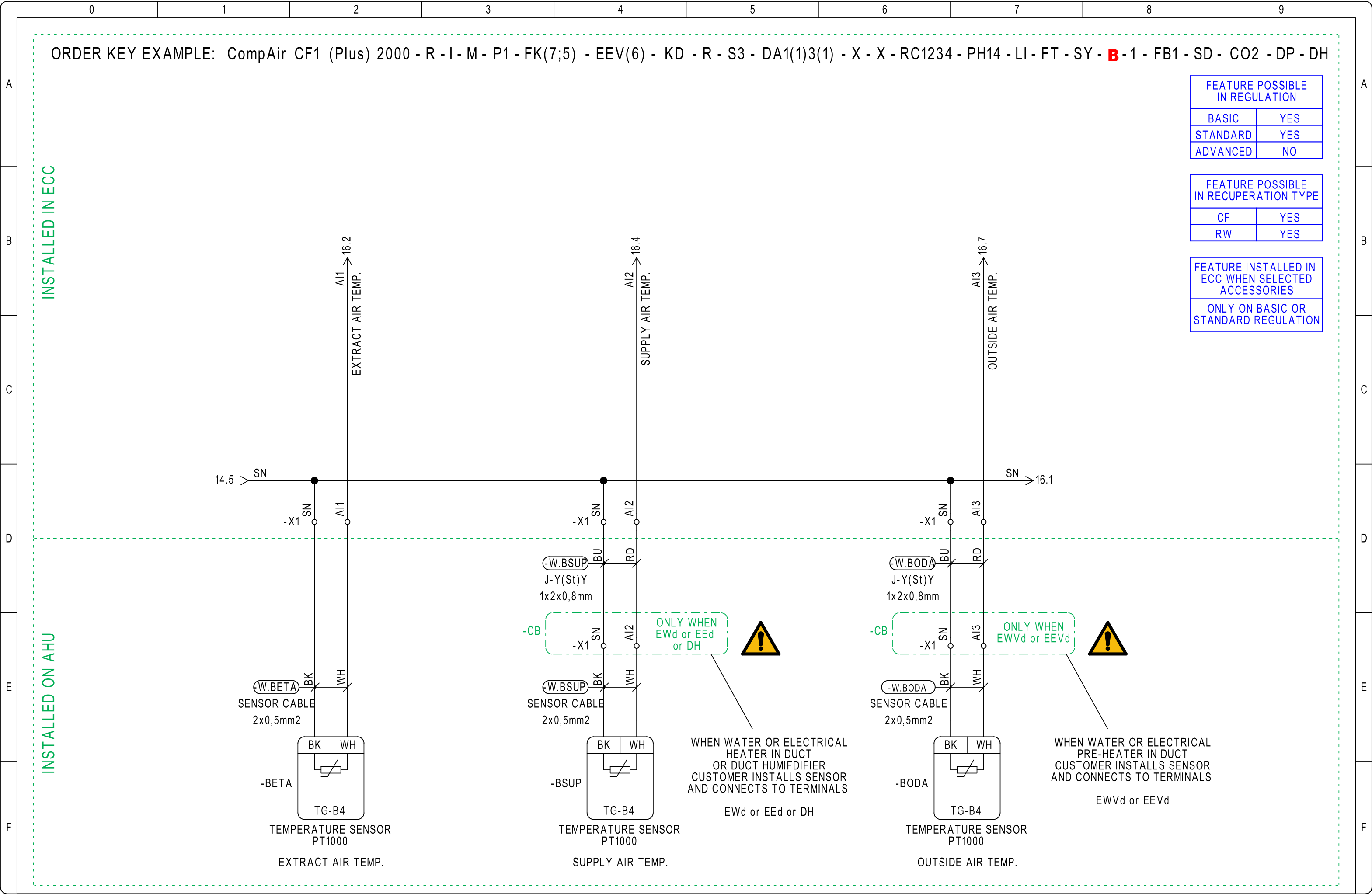
FEATURE INSTALLED IN  
ECC WHEN SELECTED  
ACCESSORIES

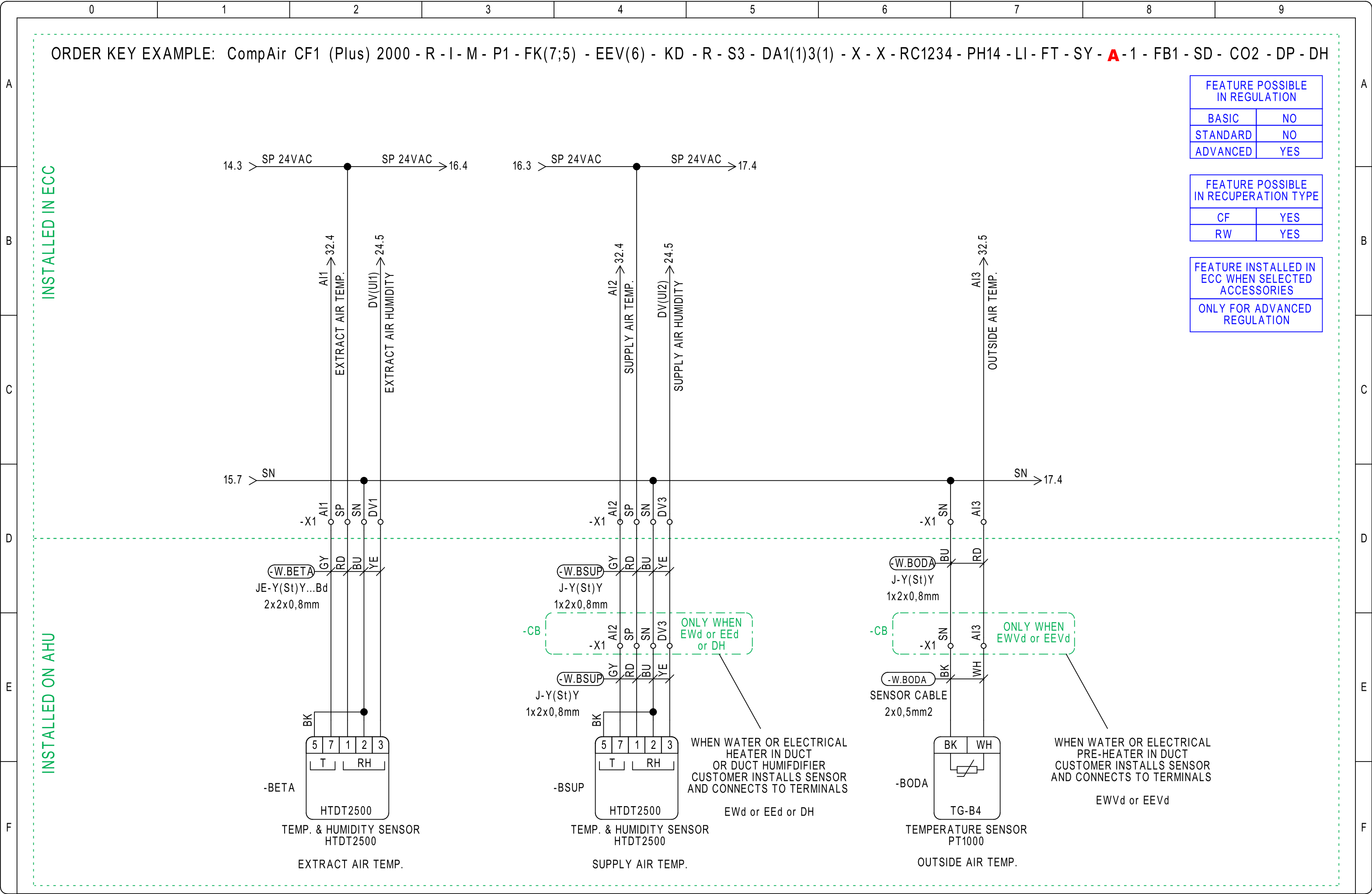
|    |
|----|
| CF |
|----|

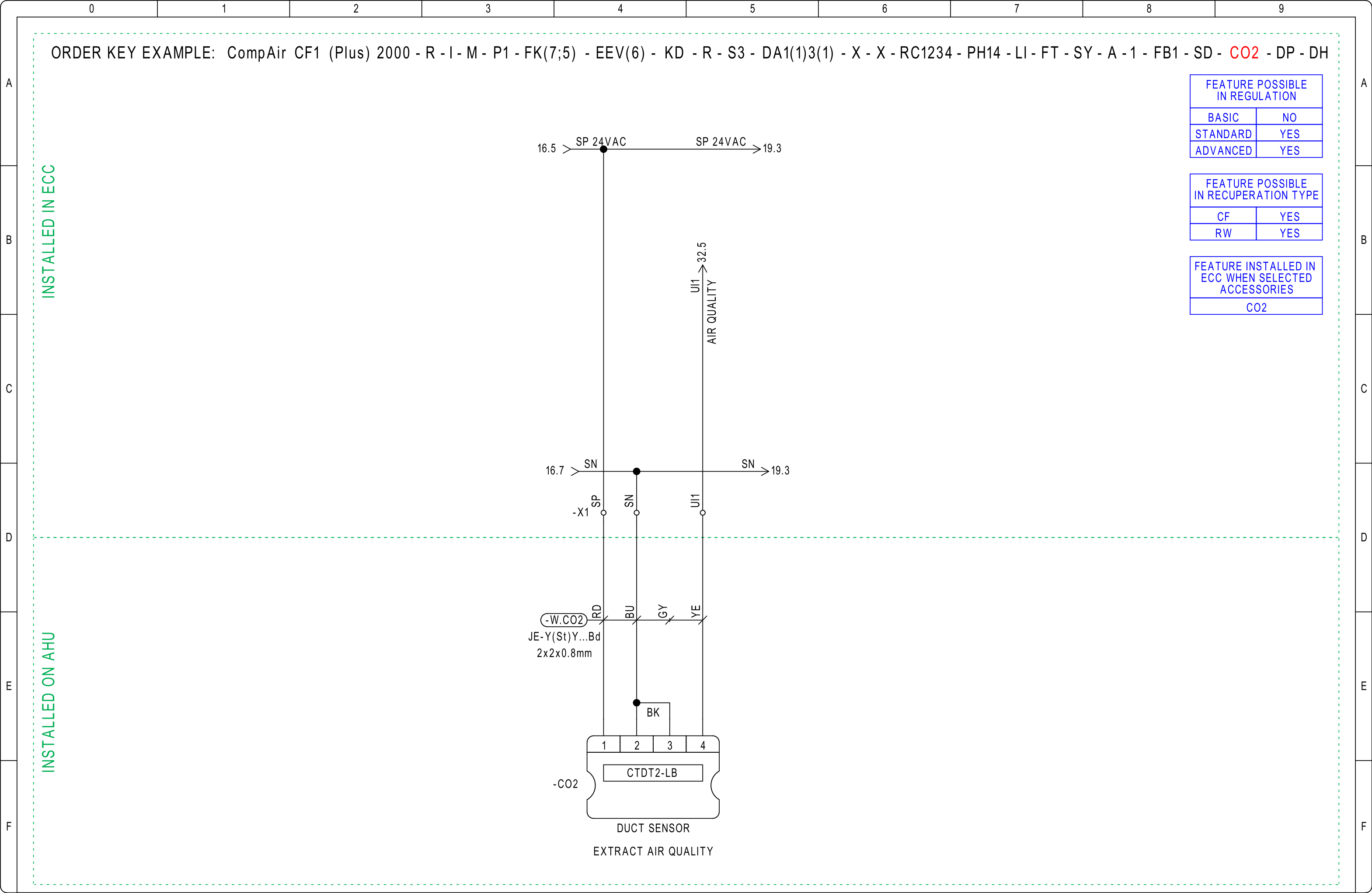
NONSTANDARD  
OPTION POSSIBLE  
IN REGULATION:  
PRESSURE SWITCH -PCF  
INSTEAD OF TEMP.  
SENSOR -BCF

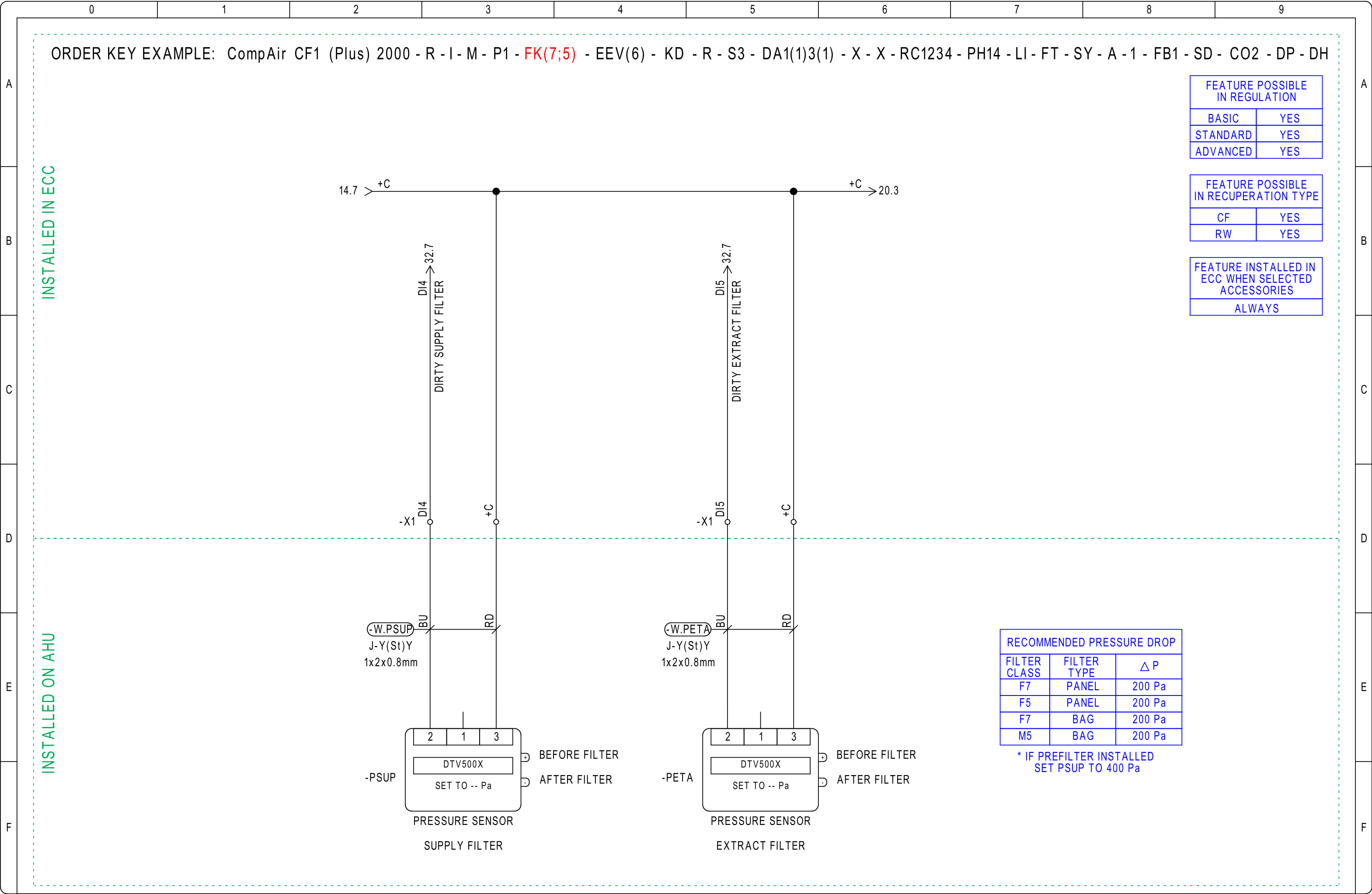
|          |     |
|----------|-----|
| BASIC    | NO  |
| STANDARD | YES |
| ADVANCED | NO  |

PRESSURE SWITCH -PCF  
AS RECUPERATOR FROST GUARD  
INSTEAD OF TEMP. SENSOR -BCF  
INSTALLED ON AHU ON SPECIAL  
CUSTOMER DEMAND WITH  
ADDITIONAL COSTS.









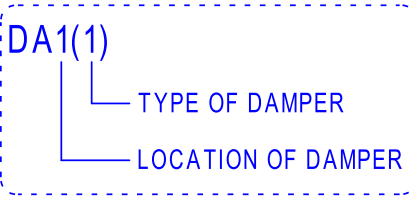


ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

| FEATURE POSSIBLE<br>IN REGULATION |     |
|-----------------------------------|-----|
| BASIC                             | YES |
| STANDARD                          | YES |
| ADVANCED                          | YES |

| FEATURE POSSIBLE<br>IN RECUPERATION TYPE |     |
|------------------------------------------|-----|
| CF                                       | YES |
| RW                                       | YES |

| FEATURE INSTALLED IN<br>ECC WHEN SELECTED<br>ACCESSORIES |  |
|----------------------------------------------------------|--|
| ALWAYS                                                   |  |



TERMINALS INSTALLED  
ALWAYS

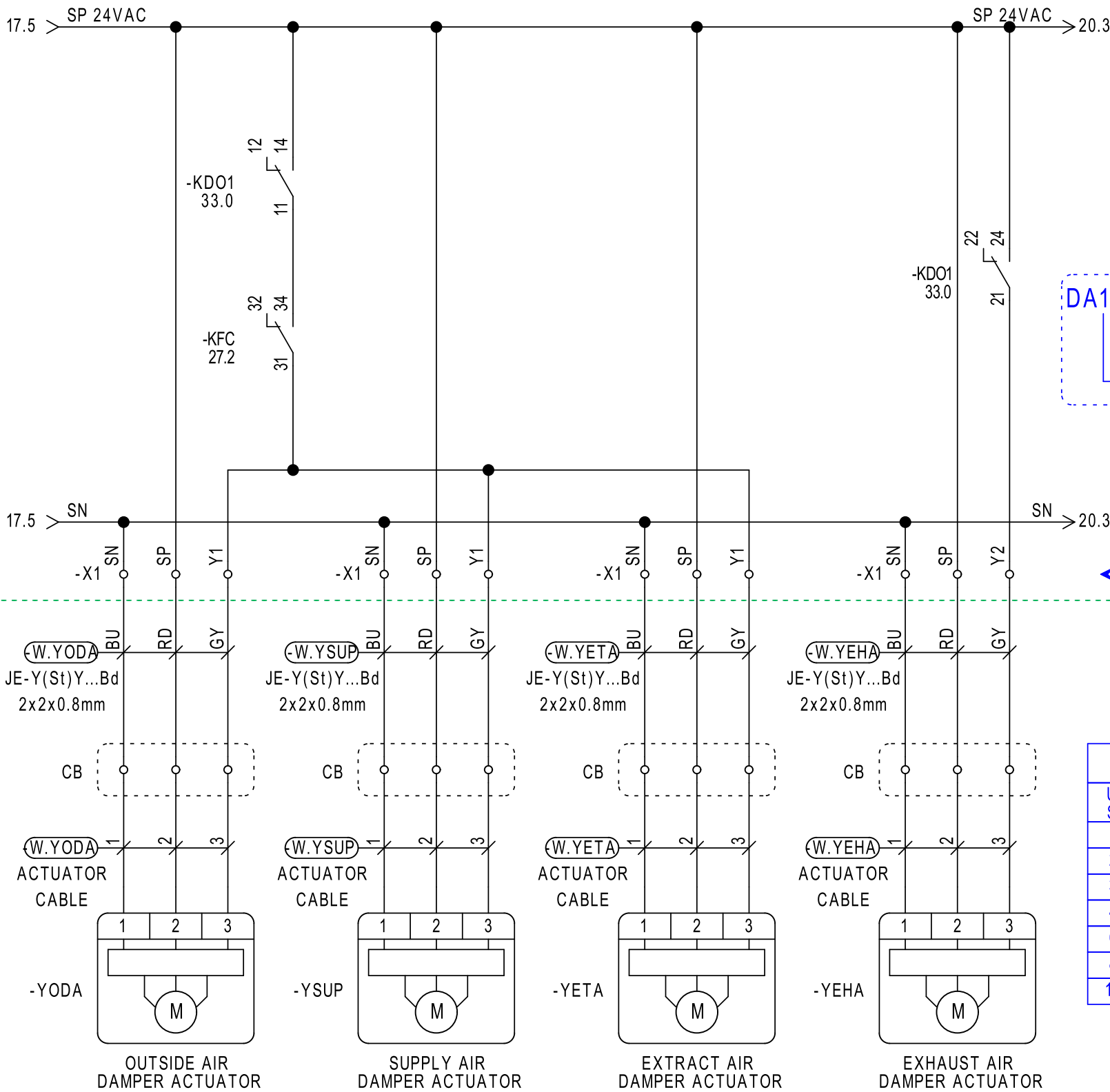
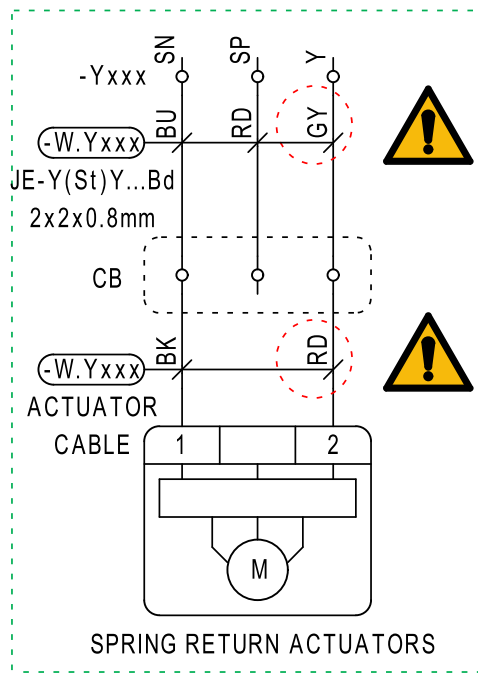
| BELIMO TYPE BY UNIT SIZE |                     |                     |
|--------------------------|---------------------|---------------------|
| UNIT<br>SIZE             | ON/OFF<br>SELECTION | SPRING<br>SELECTION |
| 1000                     | LM24A(-TP)          | LF24                |
| 2000                     | LM24A(-TP)          | LF24                |
| 3000                     | LM24A(-TP)          | LF24                |
| 4000                     | LM24A(-TP)          | NF24A               |
| 6000                     | NM24A(-TP)          | NF24A               |
| 8000                     | NM24A(-TP)          | NF24A               |
| 10000                    | SM24A(-TP)          | SF24A               |

DAMPERS WITH ACTUATORS  
INSTALLED ON AHU IF  
SELECTED LOCATION

INSTALLED IN ECC

INSTALLED ON AHU

EXAMPLE OF CONNECTING SPRING ACTUATORS



DAx(2)

IF SELECTED TYPE ARE  
"SPRING ACTUATORS"

DA1(1)

OR

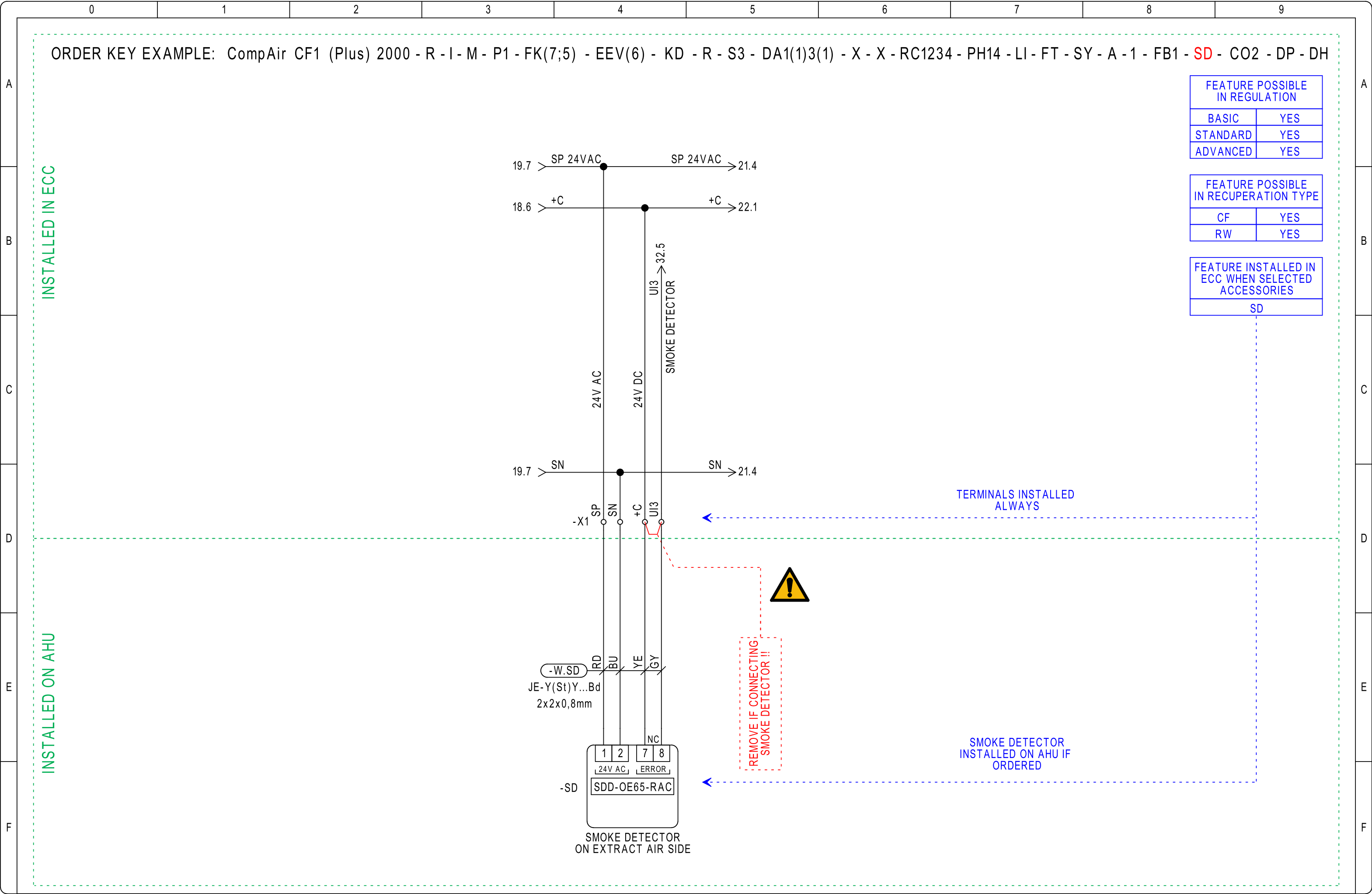
DA2(1)

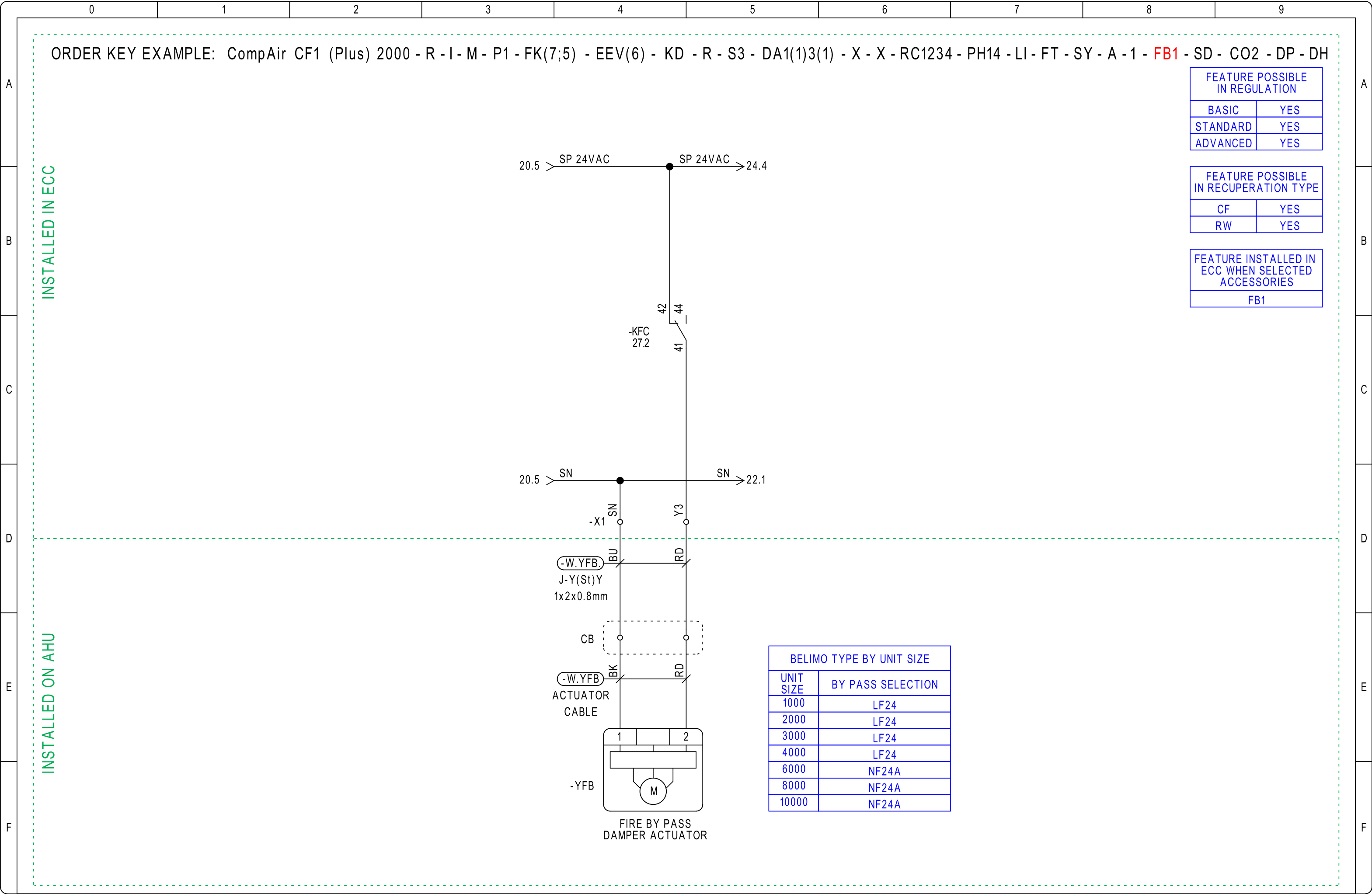
OR

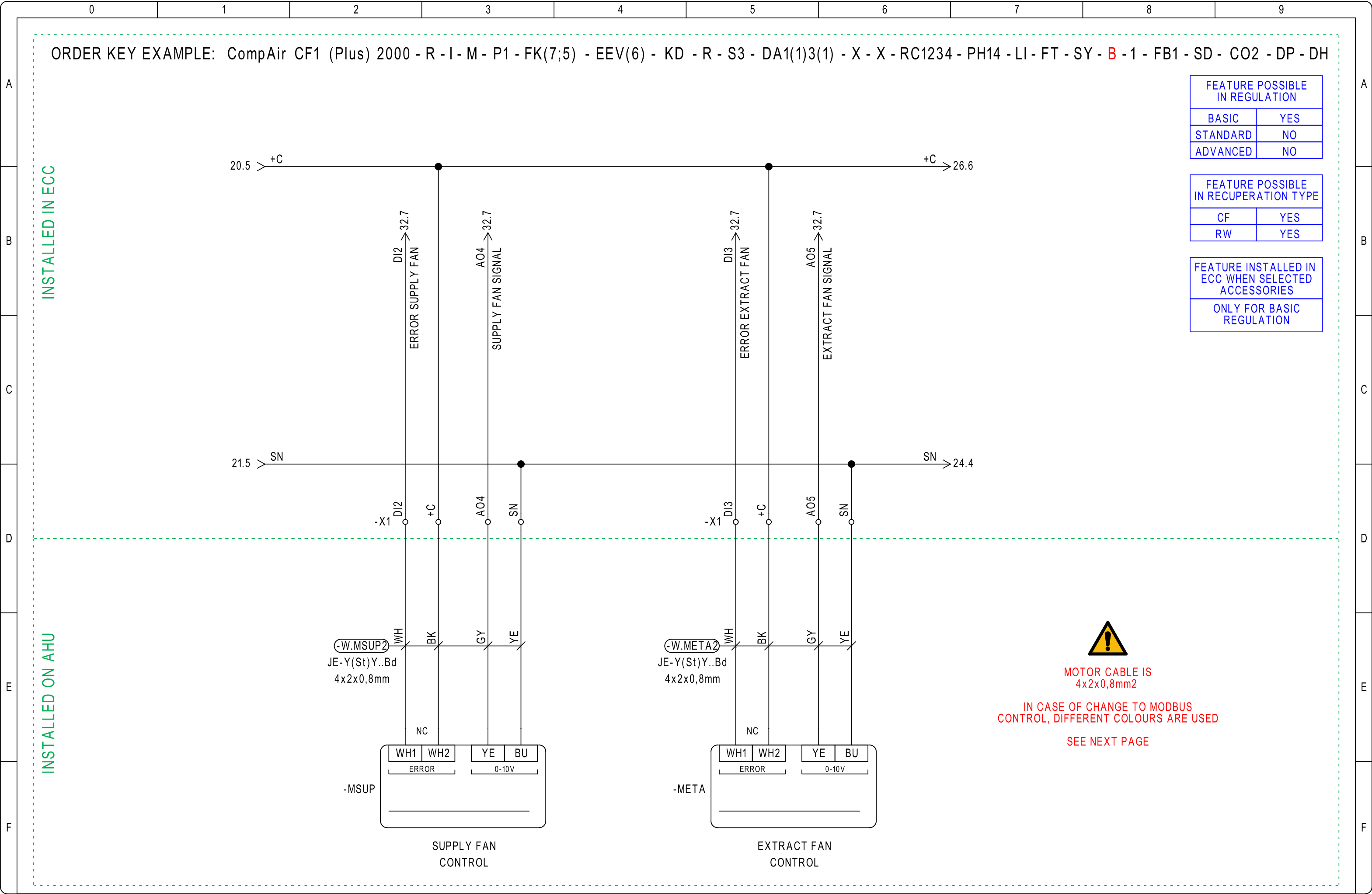
DA3(1)

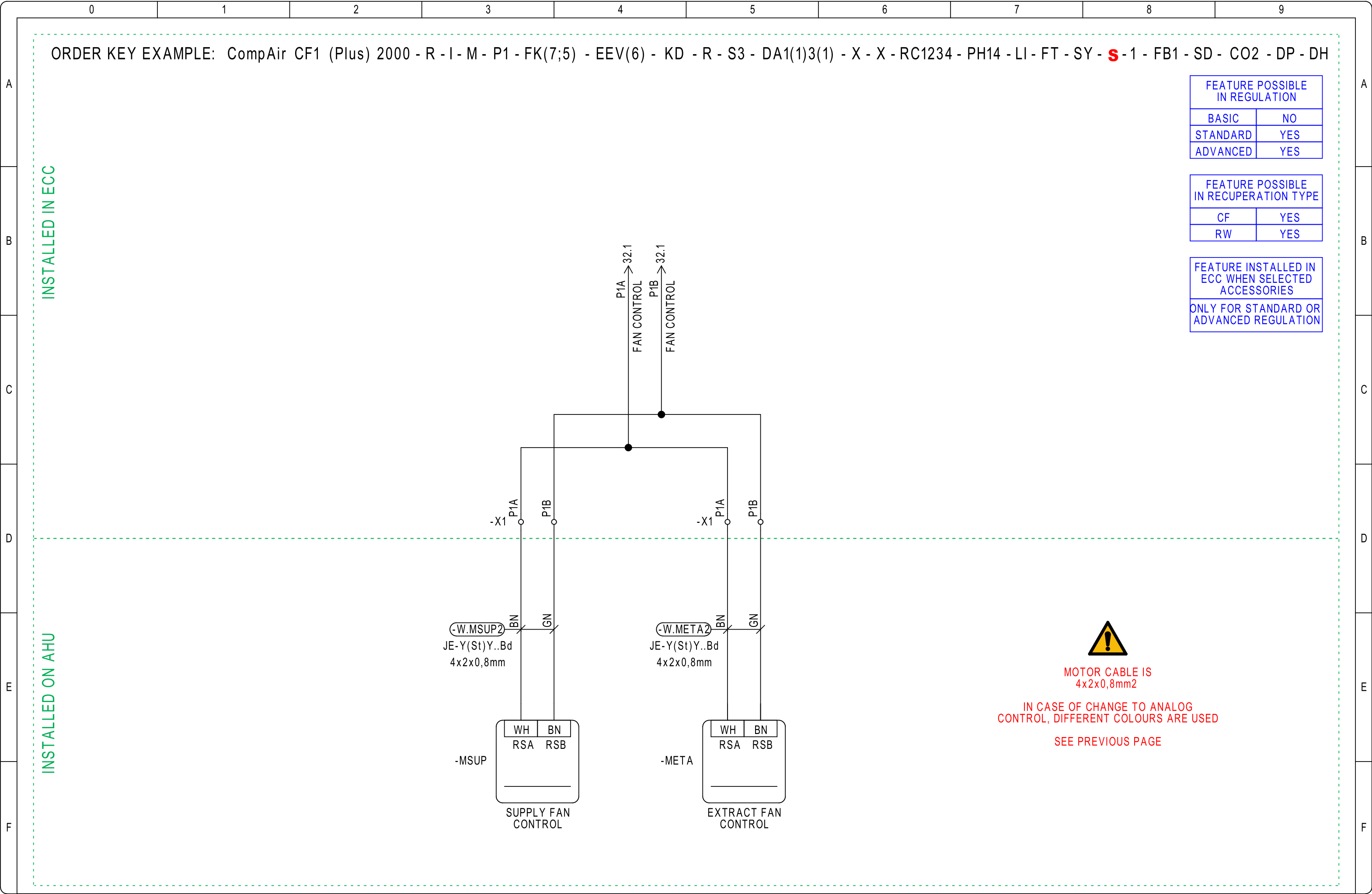
OR

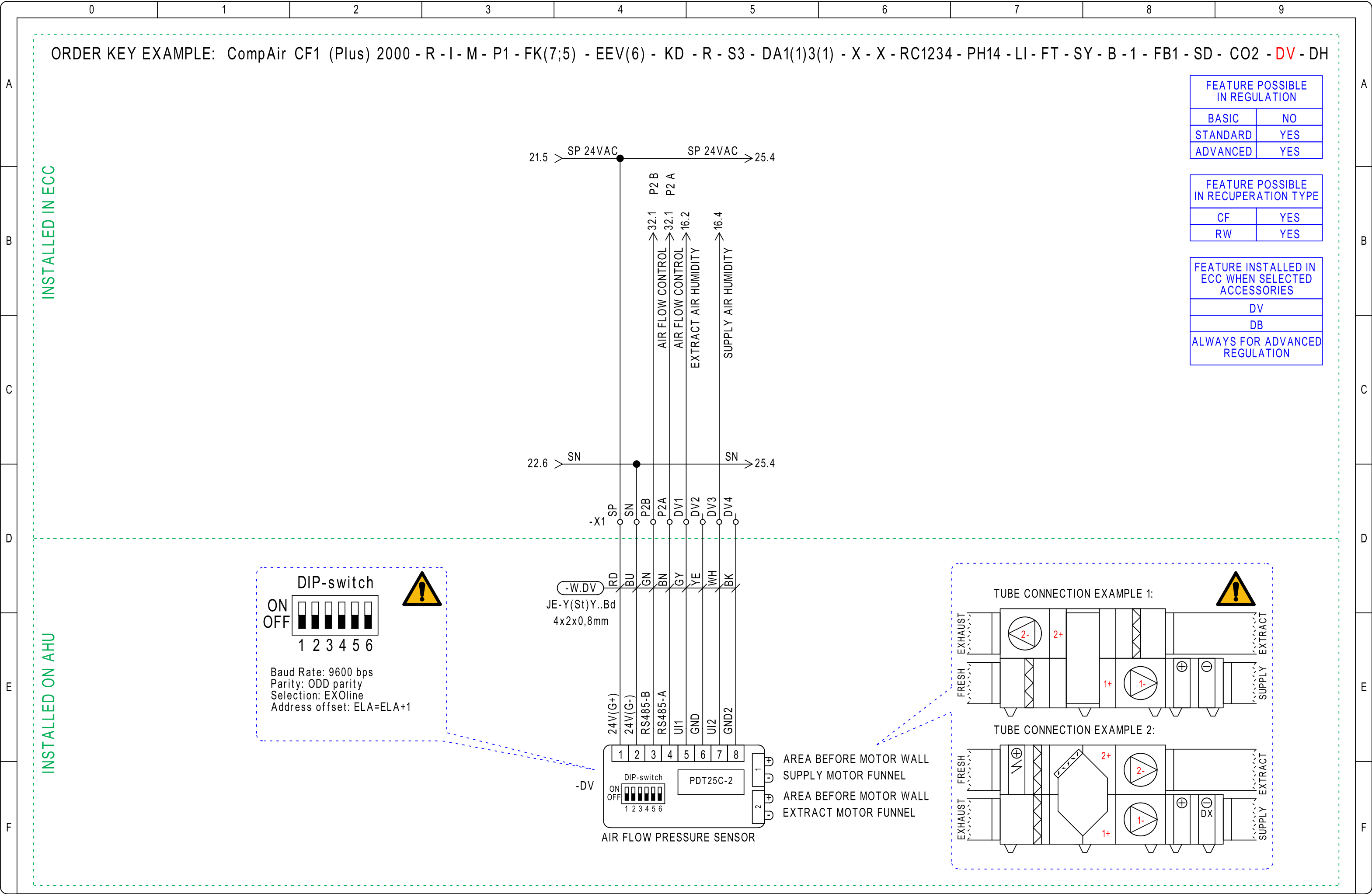
DA4(1)













ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - B - 1 - FB1 - SD - CO2 - **DP** - DH

INSTALLED IN ECC

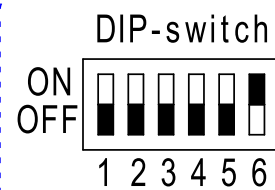
IMPORTANT NOTICE:

TUBES S1+ AND S2- HAVE TO BE CONNECTED TO SUPPLY AND EXTRACT DUCTS AFTER INSTALLING THE DUCTS !!

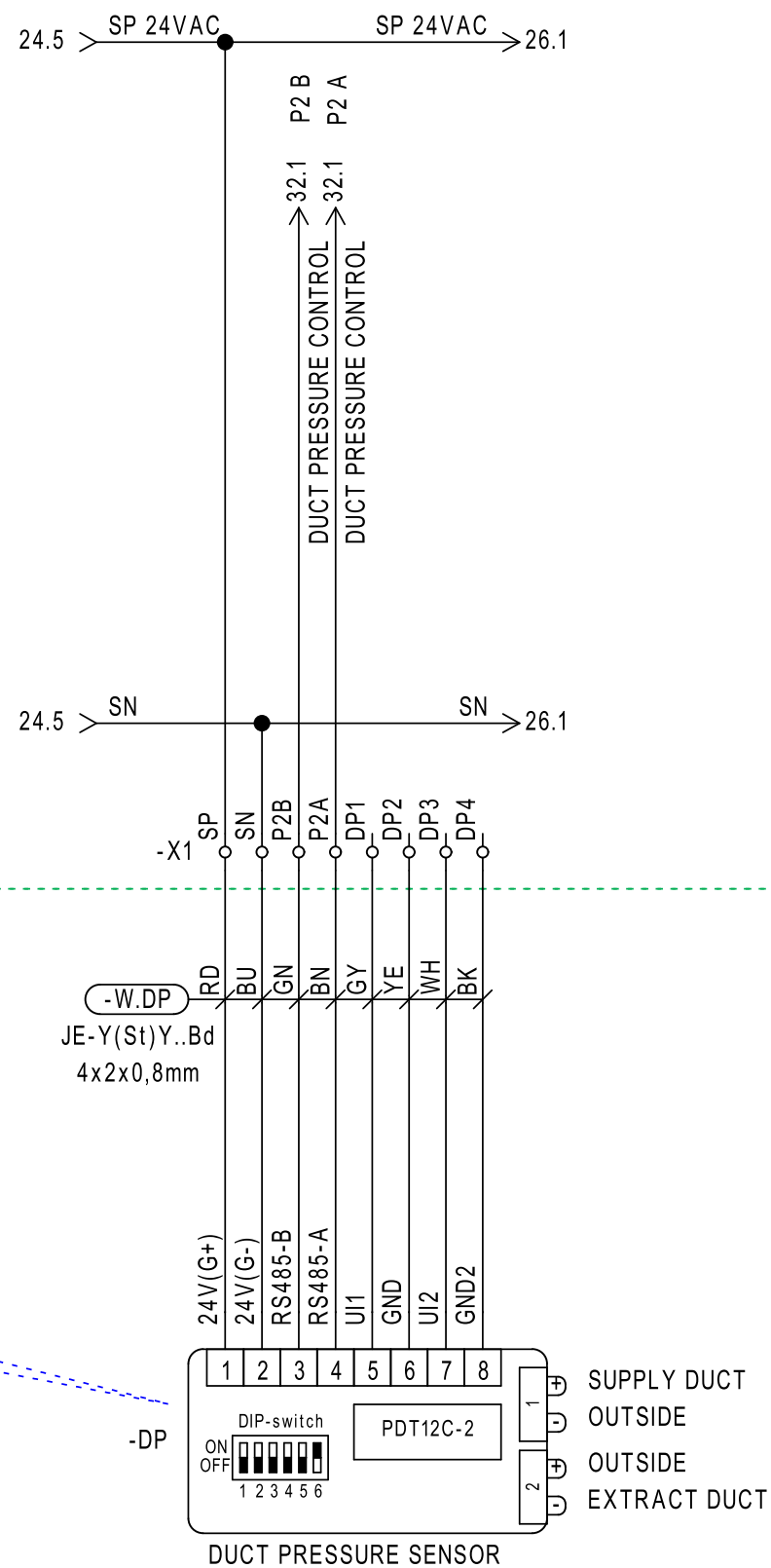
NOT INSTALLED BY OC-IMP KLIMA



INSTALLED ON AHU



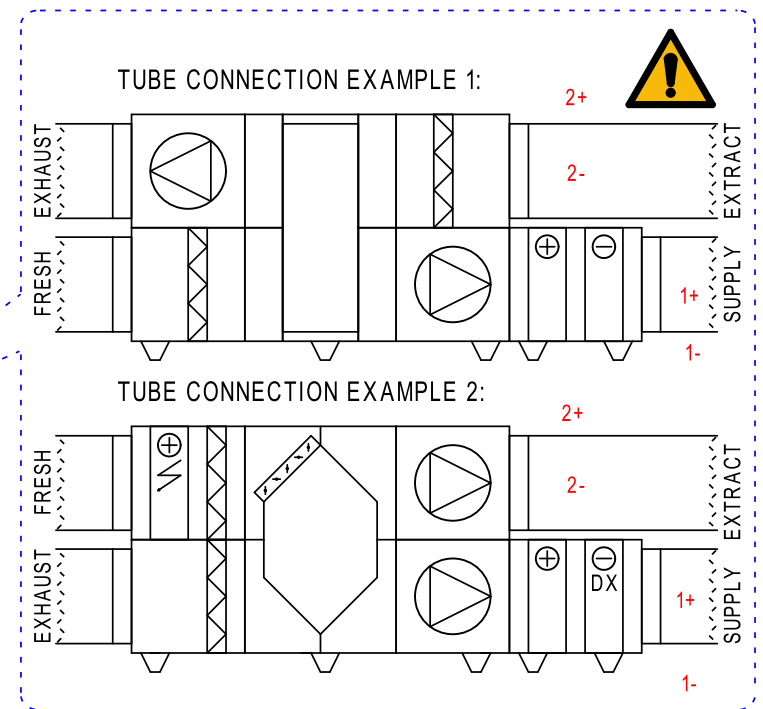
Baud Rate: 9600 bps  
Parity: ODD parity  
Selection: EXOline  
Address offset: No offset added



| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | NO  |
| STANDARD                       | YES |
| ADVANCED                       | YES |

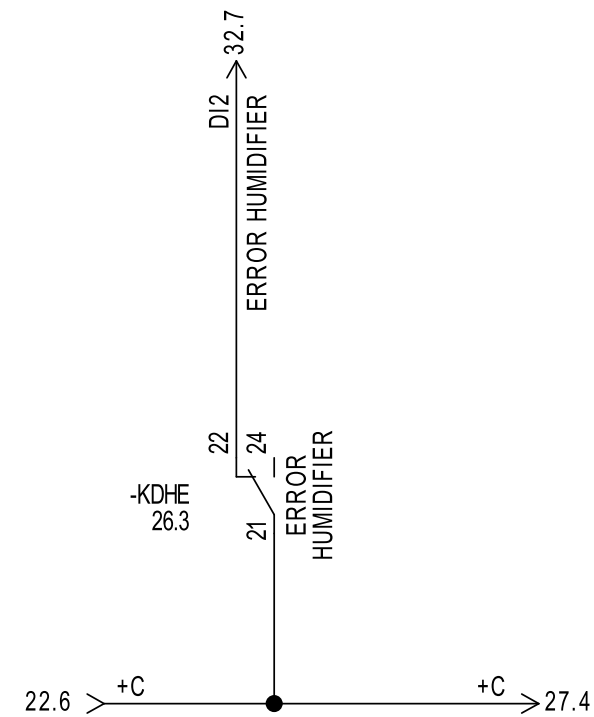
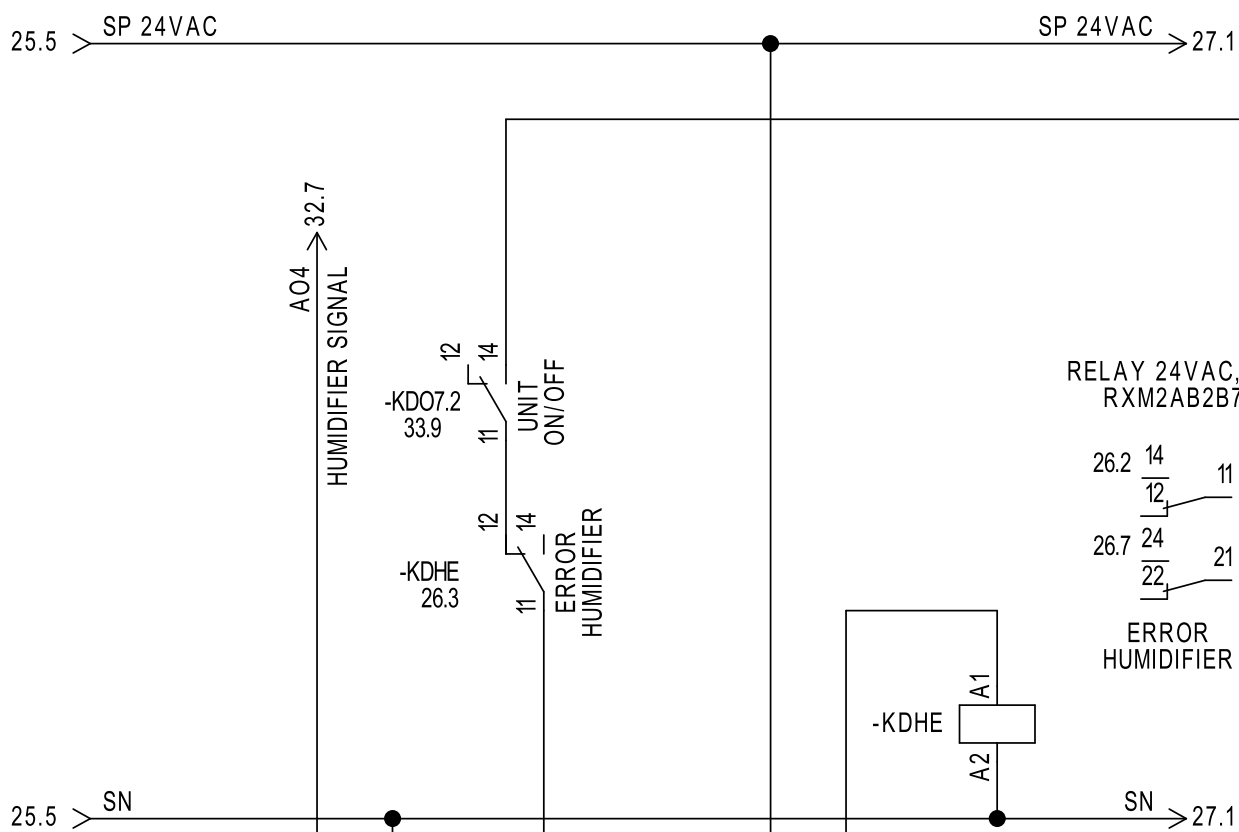
| FEATURE POSSIBLE IN RECUPERATION TYPE |     |
|---------------------------------------|-----|
| CF                                    | YES |
| RW                                    | YES |

| FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES |  |
|----------------------------------------------------|--|
| DP                                                 |  |
| DB                                                 |  |





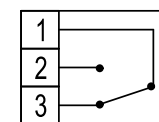
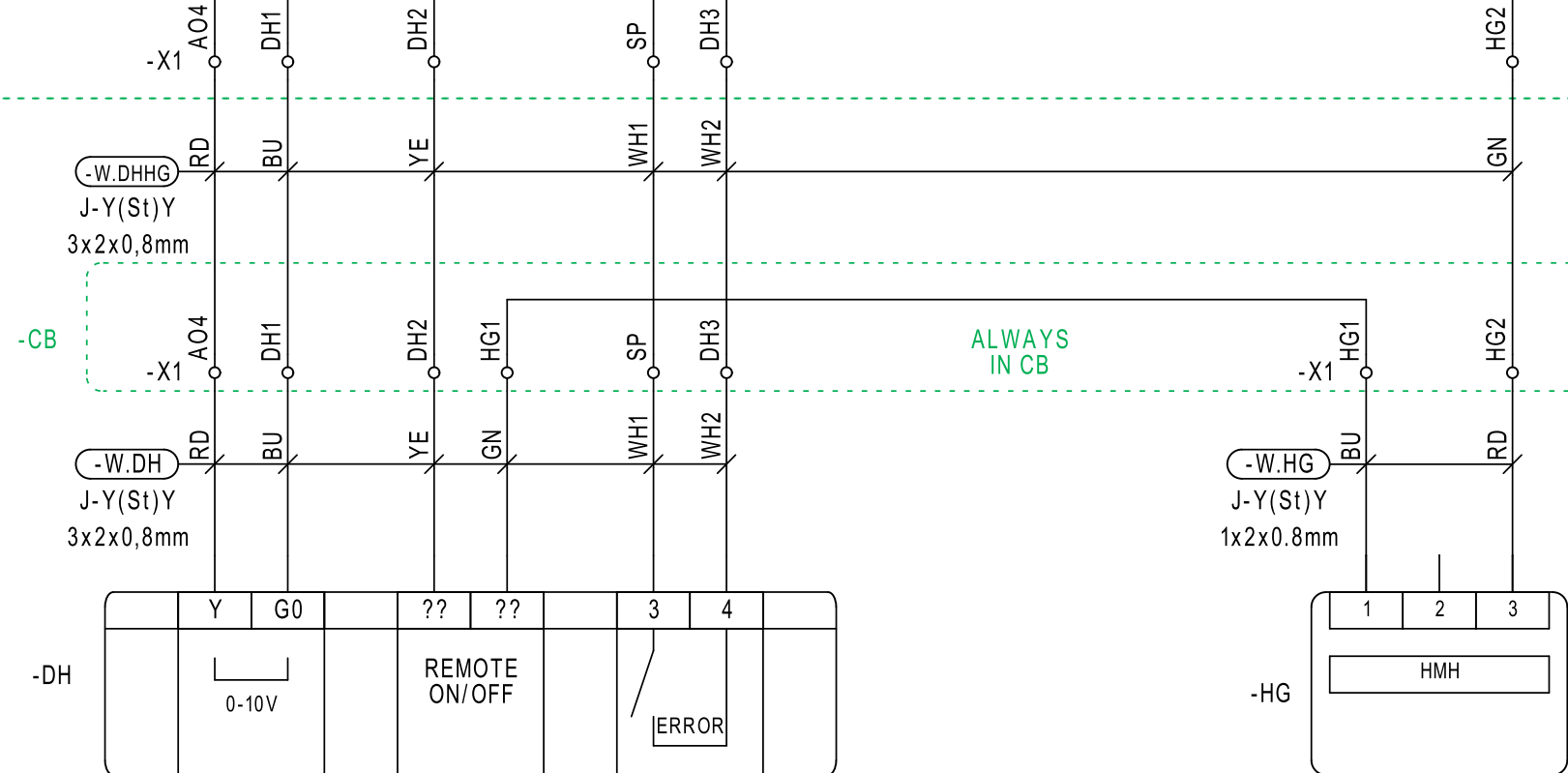
ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - B - 1 - FB1 - SD - CO2 - DP - **DH**



| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | NO  |
| STANDARD                       | NO  |
| ADVANCED                       | YES |

| FEATURE POSSIBLE<br>IN RECUPERATION TYPE |     |
|------------------------------------------|-----|
| CF                                       | YES |
| RW                                       | YES |

|                                                                   |
|-------------------------------------------------------------------|
| <p>FEATURE INSTALLED IN<br/>ECC WHEN SELECTED<br/>ACCESSORIES</p> |
| <p>DH</p>                                                         |



The contact between terminals 1 and 3 opens when humidity exceeds the setpoint value



**IMPORTANT NOTICE:**

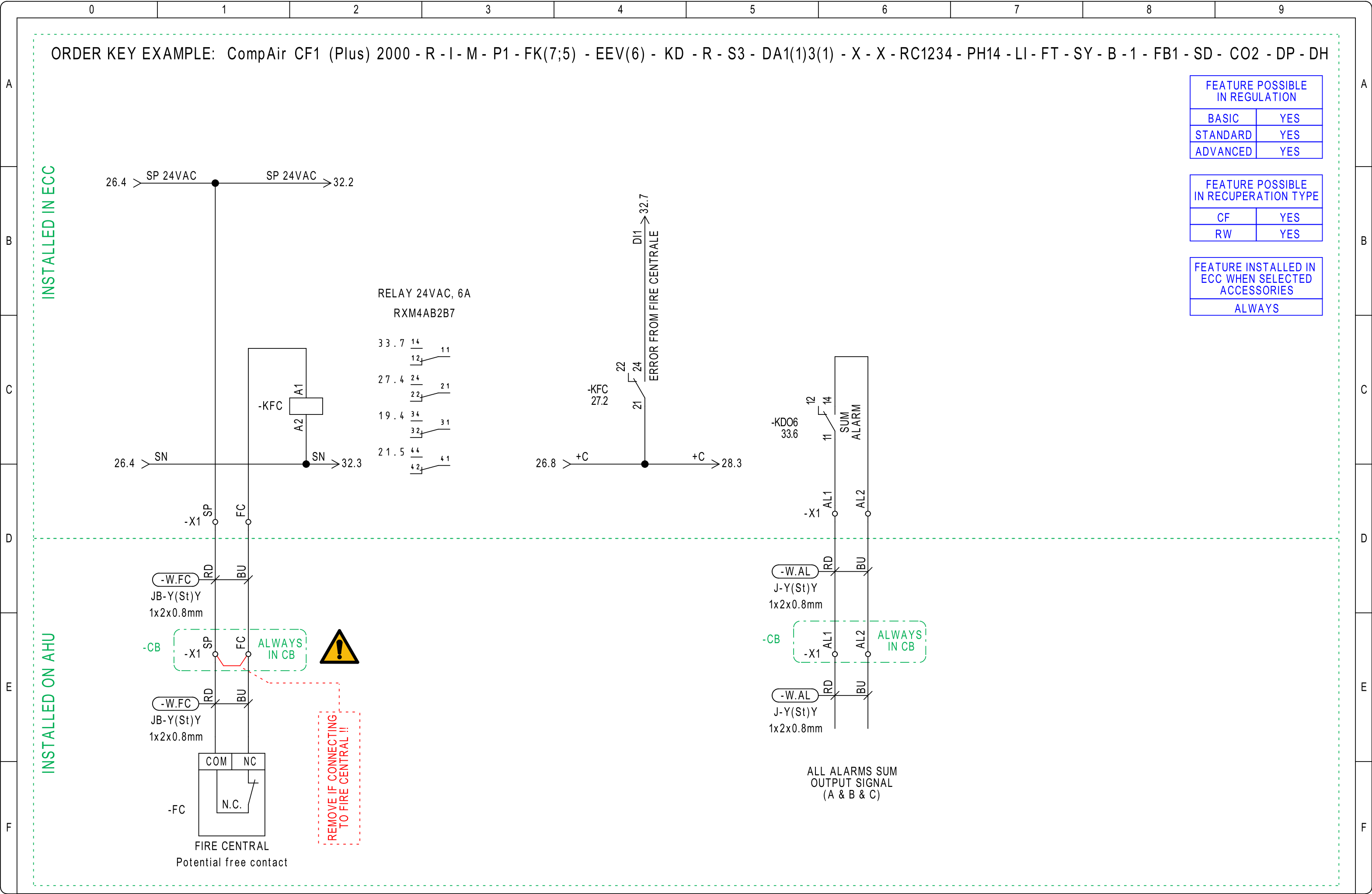
DUCT HUMIDISTAT INSTALLED IN SUPPLY DUCT  
AT LEAST 5m AFTER HUMIDIFIER

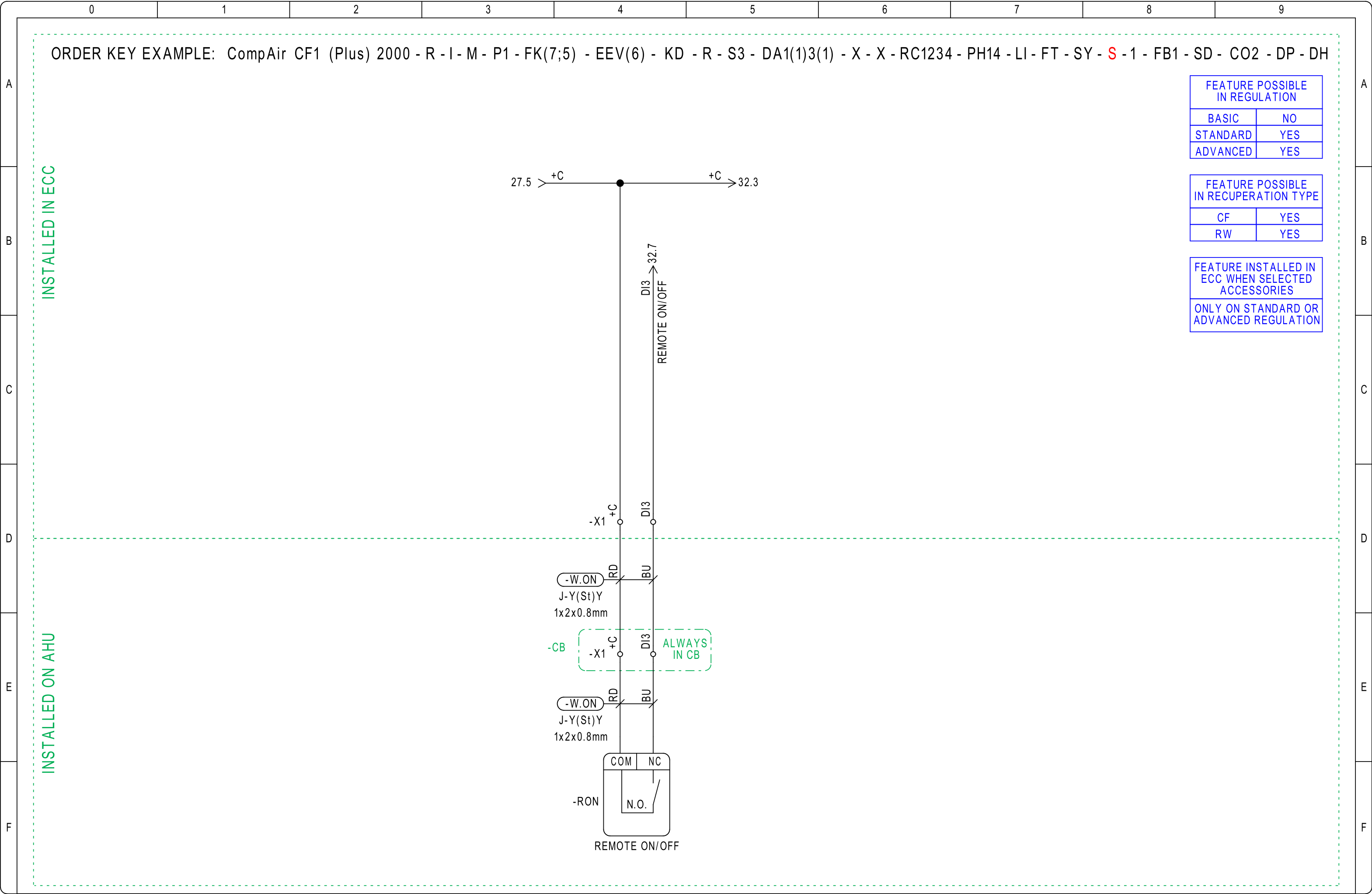


NOT INSTALLED BY OC-IMP KLIMA

## DUCT HUMIDIFIER REGULATION

DUCT HUMIDISTAT





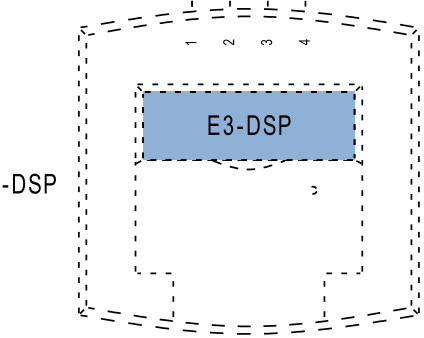
ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - **I** - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - **B** - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

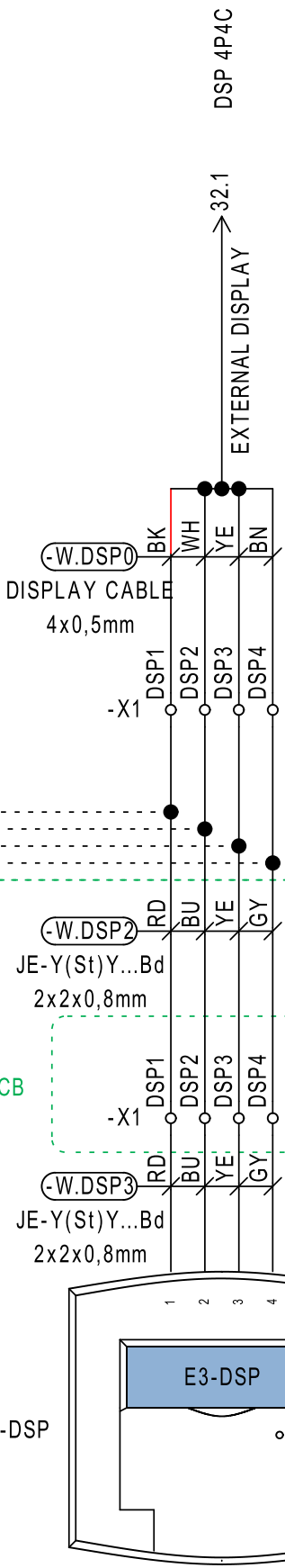
INSTALLED ON AHU

| INSIDE UNIT                 | OUTSIDE UNIT                                                            |
|-----------------------------|-------------------------------------------------------------------------|
| DISPLAY MOUNTED ON ECC DOOR | DISPLAY SUPPLIED IN ECC AND CABLE W.DSP2 PRE-PREPARED IN CONNECTION BOX |

-W.DSP1  
JE-Y(St)Y...Bd  
2x2x0,8mm



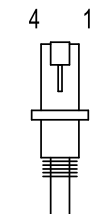
IF CUSTOMER WANTS TO RELOCATE DISPLAY  
CONNECT TO PRE-PREPARED CABLE IN CONNECTION BOX



DSP 4P4C  
32.1  
EXTERNAL DISPLAY

CAUTION:

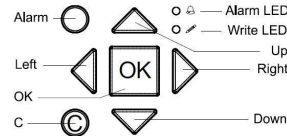
| -DSP CONNECTOR |      |
|----------------|------|
| -ECC           | 4P4C |
| +24VDC = DSP1  | 1    |
| 0 VDC = DSP2   | 2    |
| (-) = DSP3     | 3    |
| (+) = DSP4     | 4    |



| FEATURE POSSIBLE IN REGULATION |     |
|--------------------------------|-----|
| BASIC                          | YES |
| STANDARD                       | YES |
| ADVANCED                       | NO  |

| FEATURE POSSIBLE IN RECUPERATION TYPE |     |
|---------------------------------------|-----|
| CF                                    | YES |
| RW                                    | YES |

| FEATURE INSTALLED IN ECC WHEN SELECTED ACCESSORIES |  |
|----------------------------------------------------|--|
| BASIC REGULATION                                   |  |
| STANDARD REGULATION                                |  |



ORDER KEY EXAMPLE: CompAir CF1 (Plus) 2000 - R - I - M - P1 - FK(7;5) - EEV(6) - KD - R - S3 - DA1(1)3(1) - X - X - RC1234 - PH14 - LI - FT - SY - A - 1 - FB1 - SD - CO2 - DP - DH

INSTALLED IN ECC

INSTALLED ON AHU

ADDITIONAL INFORMATIONS

Where Touch Display is mounted depends if the unit is outside or inside the building.

Inside:

Touch Display is mounted on the Air handling unit and everything is ready to play.  
AC/DC converter and power terminals are installed by OC-IMP KLIMA.

Outside:

If the unit is outside the building then Touch Display is shipped with Electrical control cabinet and the customer needs to mount it somewhere in the building where he prefers. We advise that communication cable length does not preceed 600 meters. For power supply, adapter 230VAC/24VDC is enclosed with Touch Display. Customer needs to connect the power supply connector on adapter to Touch Display. After that the adapter can be plugged in to a nearby power socket. The Touch Display will startup and already work as it should.

DISPLAY SUPPLIED IN ECC  
AND CABLE W.TD2 PRE-PREPARED  
IN CONNECTION BOX

FEATURE POSSIBLE  
IN REGULATION

|          |     |
|----------|-----|
| BASIC    | NO  |
| STANDARD | NO  |
| ADVANCED | YES |

FEATURE POSSIBLE  
IN RECUPERATION TYPE

|    |     |
|----|-----|
| CF | YES |
| RW | YES |

FEATURE INSTALLED IN  
ECC WHEN SELECTED  
ACCESSORIES

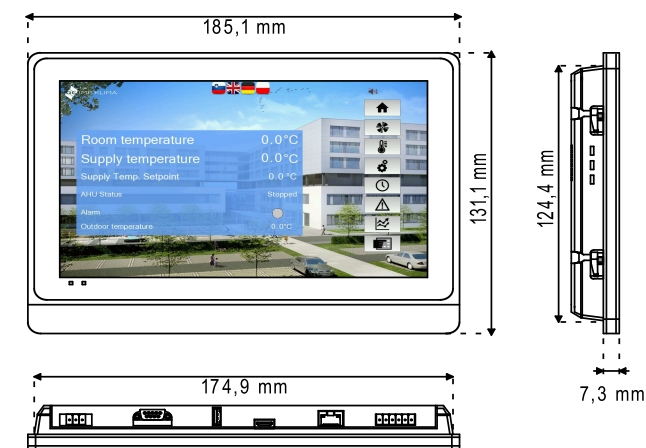
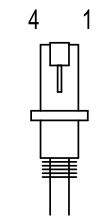
ADVANCED REGULATION

CAUTION:

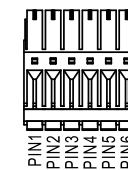
CONNECT TOUCH DISPLAY A+  
TO CONTROLLER PORT B+

CONNECT TOUCH DISPLAY B-  
TO CONTROLLER PORT A-

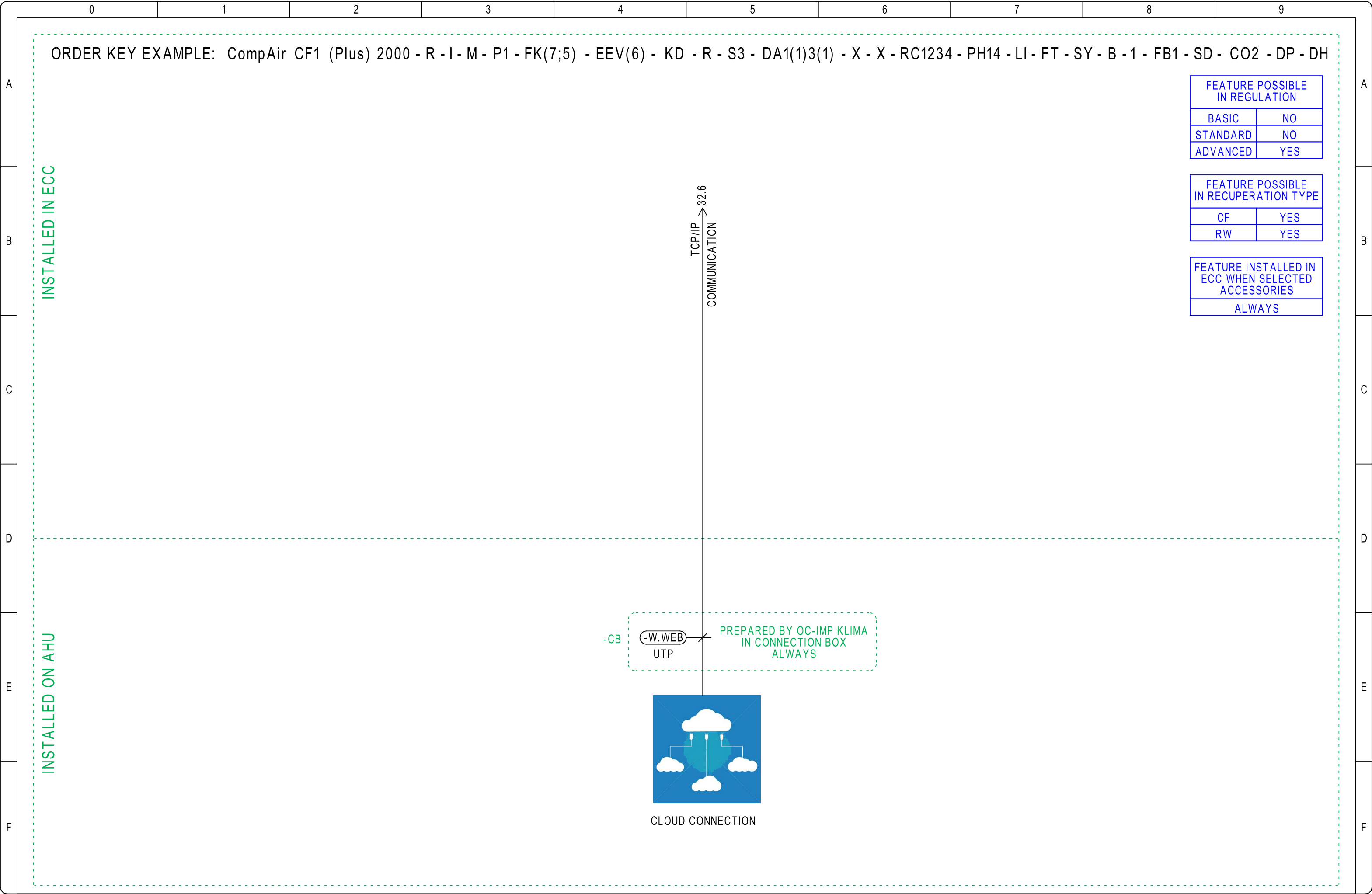
| -TD CONNECTOR |      |
|---------------|------|
| -ECC          | 4P4C |
| (-)           | 3    |
| (+)           | 4    |



| -TD POWER SUPPLY |            |
|------------------|------------|
| -TD              | -ECC       |
| PIN 2            | 0V (-)     |
| PIN 3            | 24V DC (+) |



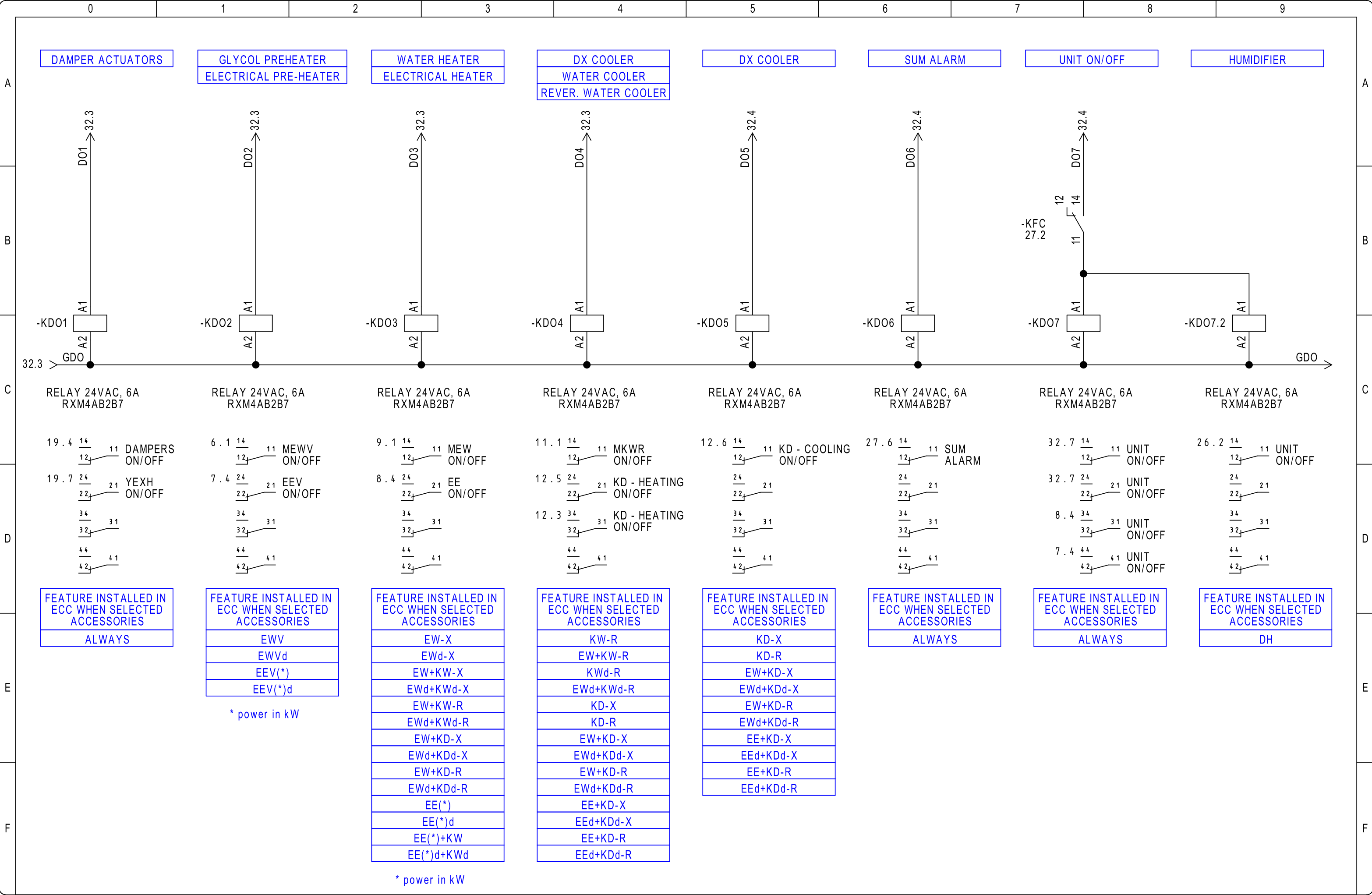
| -TD COMMUNICATION |           |
|-------------------|-----------|
| -TD               | -ECC      |
| PIN 1             | A+ (COM2) |
| PIN 2             | B- (COM2) |





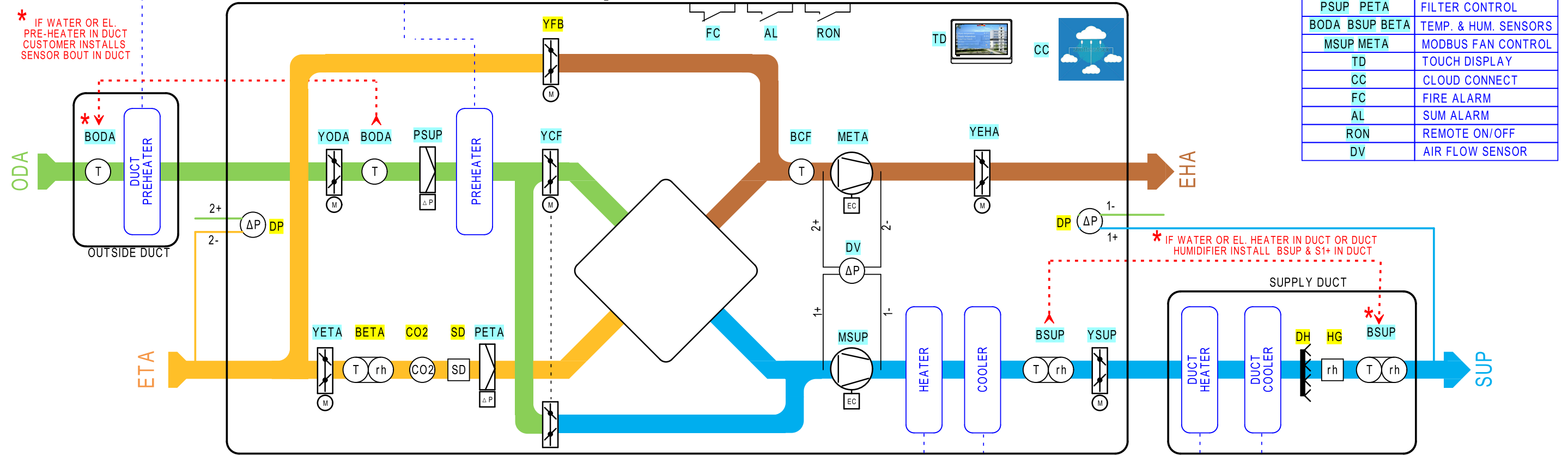






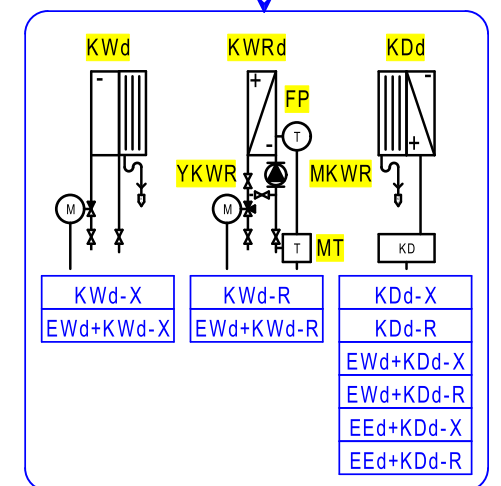
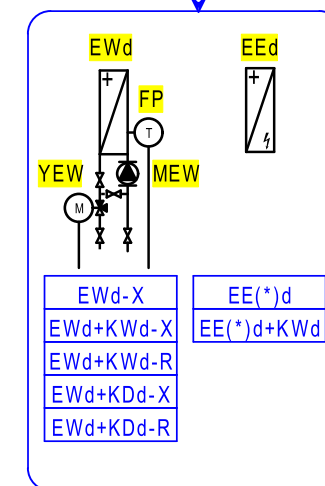
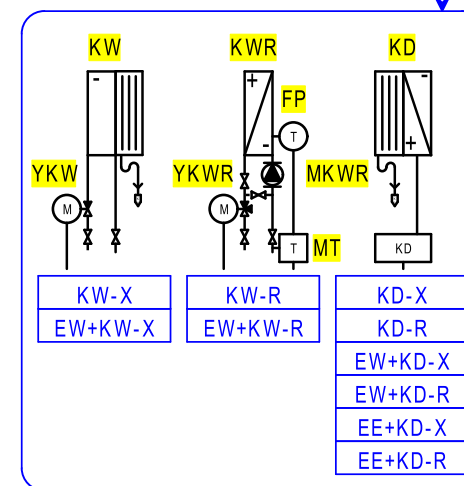
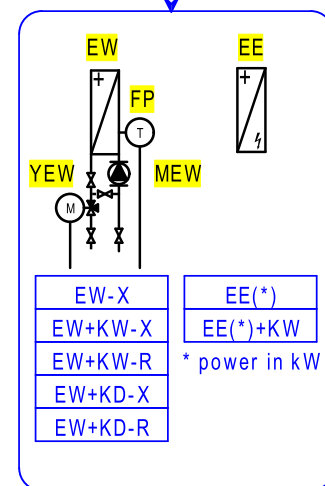
|   |                |                                                                                             |                                                                                             |   |                                                                                             |                                                                                             |   |                                                                                             |                                                                                             |   |  |
|---|----------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---|--|
|   | 0              | 1                                                                                           | 2                                                                                           | 3 | 4                                                                                           | 5                                                                                           | 6 | 7                                                                                           | 8                                                                                           | 9 |  |
| A | INPUT / OUTPUT | CF ADVANCED                                                                                 | RW ADVANCED                                                                                 |   | CF STANDARD                                                                                 | RW STANDARD                                                                                 |   | CF BASIC                                                                                    | RW BASIC                                                                                    |   |  |
|   | AI 1           | EXTRACT AIR TEMPERATURE                                                                     | EXTRACT AIR TEMPERATURE                                                                     |   | EXTRACT AIR TEMPERATURE                                                                     | EXTRACT AIR TEMPERATURE                                                                     |   | EXTRACT AIR TEMPERATURE                                                                     | EXTRACT AIR TEMPERATURE                                                                     |   |  |
|   | AI 2           | SUPPLY AIR TEMPERATURE                                                                      | SUPPLY AIR TEMPERATURE                                                                      |   | SUPPLY AIR TEMPERATURE                                                                      | SUPPLY AIR TEMPERATURE                                                                      |   | SUPPLY AIR TEMPERATURE                                                                      | SUPPLY AIR TEMPERATURE                                                                      |   |  |
|   | AI 3           | OUTSIDE AIR TEMP.                                                                           | OUTSIDE AIR TEMP.                                                                           |   | OUTSIDE AIR TEMP.                                                                           | OUTSIDE AIR TEMP.                                                                           |   | OUTSIDE AIR TEMP.                                                                           | OUTSIDE AIR TEMP.                                                                           |   |  |
|   | AI 4           | TEMP. BEHIND PLATE EXCHANGER                                                                | X                                                                                           |   | TEMP. BEHIND PLATE EXCHANGER                                                                | X                                                                                           |   | TEMP. BEHIND PLATE EXCHANGER                                                                | X                                                                                           |   |  |
| B | AO 1           | VALVE ACTUATOR HEATING COIL<br>OR ELECTRICAL HEATER                                         | VALVE ACTUATOR HEATING COIL<br>OR ELECTRICAL HEATER                                         |   | VALVE ACTUATOR HEATING COIL<br>OR ELECTRICAL HEATER                                         | VALVE ACTUATOR HEATING COIL<br>OR ELECTRICAL HEATER                                         |   | VALVE ACTUATOR HEATING COIL<br>OR ELECTRICAL HEATER                                         | VALVE ACTUATOR HEATING COIL<br>OR ELECTRICAL HEATER                                         |   |  |
|   | AO 2           | VALVE ACTUATOR WATER - COOL. COIL<br>OR VALVE ACTUATOR - REVER. COIL<br>OR HEAT PUMP SIGNAL | VALVE ACTUATOR WATER - COOL. COIL<br>OR VALVE ACTUATOR - REVER. COIL<br>OR HEAT PUMP SIGNAL |   | VALVE ACTUATOR WATER - COOL. COIL<br>OR VALVE ACTUATOR - REVER. COIL<br>OR HEAT PUMP SIGNAL | VALVE ACTUATOR WATER - COOL. COIL<br>OR VALVE ACTUATOR - REVER. COIL<br>OR HEAT PUMP SIGNAL |   | VALVE ACTUATOR WATER - COOL. COIL<br>OR VALVE ACTUATOR - REVER. COIL<br>OR HEAT PUMP SIGNAL | VALVE ACTUATOR WATER - COOL. COIL<br>OR VALVE ACTUATOR - REVER. COIL<br>OR HEAT PUMP SIGNAL |   |  |
|   | AO 3           | PLATE RECUPERATOR DAMPER                                                                    | ROTARY RECUPERATOR MOTOR                                                                    |   | PLATE RECUPERATOR DAMPER                                                                    | ROTARY RECUPERATOR MOTOR                                                                    |   | PLATE RECUPERATOR DAMPER                                                                    | ROTARY RECUPERATOR MOTOR                                                                    |   |  |
|   | AO 4           | HUMIDIFIER SIGNAL                                                                           | HUMIDIFIER SIGNAL                                                                           |   | X                                                                                           | X                                                                                           |   | SUPPLAY FAN SIGNAL                                                                          | SUPPLAY FAN SIGNAL                                                                          |   |  |
|   | AO 5           | ELECTRICAL PREHEATER<br>OR GLYCOL PREHEATER                                                 | X                                                                                           |   | ELECTRICAL PREHEATER<br>OR GLYCOL PREHEATER                                                 | X                                                                                           |   | EXTRACT FAN SIGNAL                                                                          | EXTRACT FAN SIGNAL                                                                          |   |  |
| C | DI 1           | ERROR FROM FIRE CENTRALE                                                                    | ERROR FROM FIRE CENTRALE                                                                    |   | ERROR FROM FIRE CENTRALE                                                                    | ERROR FROM FIRE CENTRALE                                                                    |   | ERROR FROM FIRE CENTRALE                                                                    | ERROR FROM FIRE CENTRALE                                                                    |   |  |
|   | DI 2           | ERROR HUMIDIFIER                                                                            | ERROR HUMIDIFIER                                                                            |   | RECUPERATOR FROST GUARD                                                                     | X                                                                                           |   | ERROR SUPPLY FAN                                                                            | ERROR SUPPLY FAN                                                                            |   |  |
|   | DI 3           | REMOTE ON/OFF                                                                               | REMOTE ON/OFF                                                                               |   | REMOTE ON/OFF                                                                               | REMOTE ON/OFF                                                                               |   | ERROR EXTRACT FAN                                                                           | ERROR EXTRACT FAN                                                                           |   |  |
|   | DI 4           | DIRTY SUPPLY FILTER                                                                         | DIRTY SUPPLY FILTER                                                                         |   | DIRTY SUPPLY FILTER                                                                         | DIRTY SUPPLY FILTER                                                                         |   | DIRTY SUPPLY FILTER                                                                         | DIRTY SUPPLY FILTER                                                                         |   |  |
|   | DI 5           | DIRTY EXTRACT FILTER                                                                        | DIRTY EXTRACT FILTER                                                                        |   | DIRTY EXTRACT FILTER                                                                        | DIRTY EXTRACT FILTER                                                                        |   | DIRTY EXTRACT FILTER                                                                        | DIRTY EXTRACT FILTER                                                                        |   |  |
|   | DI 6           | ERROR CIRCULATION HEAT PUMP<br>OR ELECTRICAL HEATER                                         | ERROR HEATING PUMP<br>OR ELECTRICAL HEATER                                                  |   | ERROR HEATING PUMP<br>OR ELECTRICAL HEATER                                                  | ERROR HEATING PUMP<br>OR ELECTRICAL HEATER                                                  |   | ERROR HEATING PUMP<br>OR ELECTRICAL HEATER                                                  | ERROR HEATING PUMP<br>OR ELECTRICAL HEATER                                                  |   |  |
|   | DI 7           | ERROR DX HEAT PUMP<br>OR REVERSIBLE HEATING/COOLING                                         | ERROR DX HEAT PUMP<br>OR REVERSIBLE HEATING/COOLING                                         |   | ERROR DX HEAT PUMP<br>OR REVERSIBLE HEATING/COOLING                                         | ERROR DX HEAT PUMP<br>OR REVERSIBLE HEATING/COOLING                                         |   | ERROR DX HEAT PUMP<br>OR REVERSIBLE HEATING/COOLING                                         | ERROR DX HEAT PUMP<br>OR REVERSIBLE HEATING/COOLING                                         |   |  |
|   | DI 8           | ERROR ELECTRICAL PREHEATER<br>OR GLIKOL PREHEATER                                           | ERROR ROTARY WHEEL                                                                          |   | ERROR ELECTRICAL PREHEATER<br>OR GLIKOL PREHEATER                                           | ERROR ROTARY WHEEL                                                                          |   | X                                                                                           | ERROR ROTARY WHEEL                                                                          |   |  |
| D | DO 1           | ACTUATORS ON/OFF                                                                            | ACTUATORS ON/OFF                                                                            |   | ACTUATORS ON/OFF                                                                            | ACTUATORS ON/OFF                                                                            |   | ACTUATORS ON/OFF                                                                            | ACTUATORS ON/OFF                                                                            |   |  |
|   | DO 2           | EL. PREHEATER ON/OFF<br>OR GLYCOL PREHEATER ON/OFF                                          | X                                                                                           |   | EL. PREHEATER ON/OFF<br>OR GLYCOL PREHEATER ON/OFF                                          | X                                                                                           |   | X                                                                                           | X                                                                                           |   |  |
|   | DO 3           | CIRC. HEATING PUMP ON/OFF<br>OR ELECTRICAL HEATER ON/OFF                                    | CIRC. HEATING PUMP ON/OFF<br>OR ELECTRICAL HEATER ON/OFF                                    |   | CIRC. HEATING PUMP ON/OFF<br>OR ELECTRICAL HEATER ON/OFF                                    | CIRC. HEATING PUMP ON/OFF<br>OR ELECTRICAL HEATER ON/OFF                                    |   | CIRC. HEATING PUMP ON/OFF<br>OR ELECTRICAL HEATER ON/OFF                                    | CIRC. HEATING PUMP ON/OFF<br>OR ELECTRICAL HEATER ON/OFF                                    |   |  |
|   | DO 4           | CHANGEOVER PUMP ON/OFF<br>OR DX HEAT PUMP - HEATING                                         | CHANGEOVER PUMP ON/OFF<br>OR DX HEAT PUMP - HEATING                                         |   | CHANGEOVER PUMP ON/OFF<br>OR DX HEAT PUMP - HEATING                                         | CHANGEOVER PUMP ON/OFF<br>OR DX HEAT PUMP - HEATING                                         |   | CHANGEOVER PUMP ON/OFF<br>OR DX HEAT PUMP - HEATING                                         | CHANGEOVER PUMP ON/OFF<br>OR DX HEAT PUMP - HEATING                                         |   |  |
|   | DO 5           | DX HEAT PUMP - COOLING                                                                      | DX HEAT PUMP - COOLING                                                                      |   | DX HEAT PUMP - COOLING                                                                      | DX HEAT PUMP - COOLING                                                                      |   | DX HEAT PUMP - COOLING                                                                      | DX HEAT PUMP - COOLING                                                                      |   |  |
|   | DO 6           | SUM ALARM                                                                                   | SUM ALARM                                                                                   |   | SUM ALARM                                                                                   | SUM ALARM                                                                                   |   | SUM ALARM                                                                                   | SUM ALARM                                                                                   |   |  |
|   | DO 7           | UNIT ON/OFF                                                                                 | UNIT ON/OFF                                                                                 |   | UNIT ON/OFF                                                                                 | UNIT ON/OFF                                                                                 |   | UNIT ON/OFF                                                                                 | UNIT ON/OFF                                                                                 |   |  |
| E | UI 1           | AIR QUALITY                                                                                 | AIR QUALITY                                                                                 |   | AIR QUALITY                                                                                 | AIR QUALITY                                                                                 |   | AIR QUALITY                                                                                 | AIR QUALITY                                                                                 |   |  |
|   | UI 2           | HEATER FROST PROTECTION                                                                     | HEATER FROST PROTECTION                                                                     |   | HEATER FROST PROTECTION                                                                     | HEATER FROST PROTECTION                                                                     |   | HEATER FROST PROTECTION                                                                     | HEATER FROST PROTECTION                                                                     |   |  |
|   | UI 3           | SMOKE DETECTOR<br>OR SMOKE DETECTOR WITH BY PASS                                            | SMOKE DETECTOR<br>OR SMOKE DETECTOR WITH BY PASS                                            |   | SMOKE DETECTOR<br>OR SMOKE DETECTOR WITH BY PASS                                            | SMOKE DETECTOR<br>OR SMOKE DETECTOR WITH BY PASS                                            |   | SMOKE DETECTOR                                                                              | SMOKE DETECTOR                                                                              |   |  |
|   | UI 4           | ERROR CHANGEOVER PUMP                                                                       | X                                                                                           |   | ERROR CHANGEOVER PUMP                                                                       | X                                                                                           |   | ERROR CHANGEOVER PUMP                                                                       | X                                                                                           |   |  |
| F | PORT 1         | MODBUS FAN CONTROL                                                                          | MODBUS FAN CONTROL                                                                          |   | MODBUS FAN CONTROL                                                                          | MODBUS FAN CONTROL                                                                          |   | X                                                                                           | X                                                                                           |   |  |
|   | PORT 2         | FAN CONTROL<br>AND AIR FLOW CONTROL<br>AND DUCT PRESSURE CONTROL                            | FAN CONTROL<br>AND AIR FLOW CONTROL<br>AND DUCT PRESSURE CONTROL                            |   | FAN CONTROL<br>AND AIR FLOW CONTROL<br>AND DUCT PRESSURE CONTROL                            | FAN CONTROL<br>AND AIR FLOW CONTROL<br>AND DUCT PRESSURE CONTROL                            |   | X                                                                                           | X                                                                                           |   |  |
|   | EXT. DIPLAY    | TOUCH SCREEN                                                                                | TOUCH SCREEN                                                                                |   | E3-DSP                                                                                      | E3-DSP                                                                                      |   | E3-DSP                                                                                      | E3-DSP                                                                                      |   |  |
|   | DV / U1        | EXTRACT AIR HUMIDITY                                                                        | EXTRACT AIR HUMIDITY                                                                        |   | X                                                                                           | X                                                                                           |   | X                                                                                           | X                                                                                           |   |  |
|   | DV / U2        | SUPPLY AIR HUMIDITY                                                                         | SUPPLY AIR HUMIDITY                                                                         |   | X                                                                                           | X                                                                                           |   | X                                                                                           | X                                                                                           |   |  |
|   | DP / U1        | X                                                                                           | X                                                                                           |   | X                                                                                           | X                                                                                           |   | X                                                                                           | X                                                                                           |   |  |
|   | DP / U2        | X                                                                                           | X                                                                                           |   | X                                                                                           | X                                                                                           |   | X                                                                                           | X                                                                                           |   |  |

# CompAir CF ADVANCED

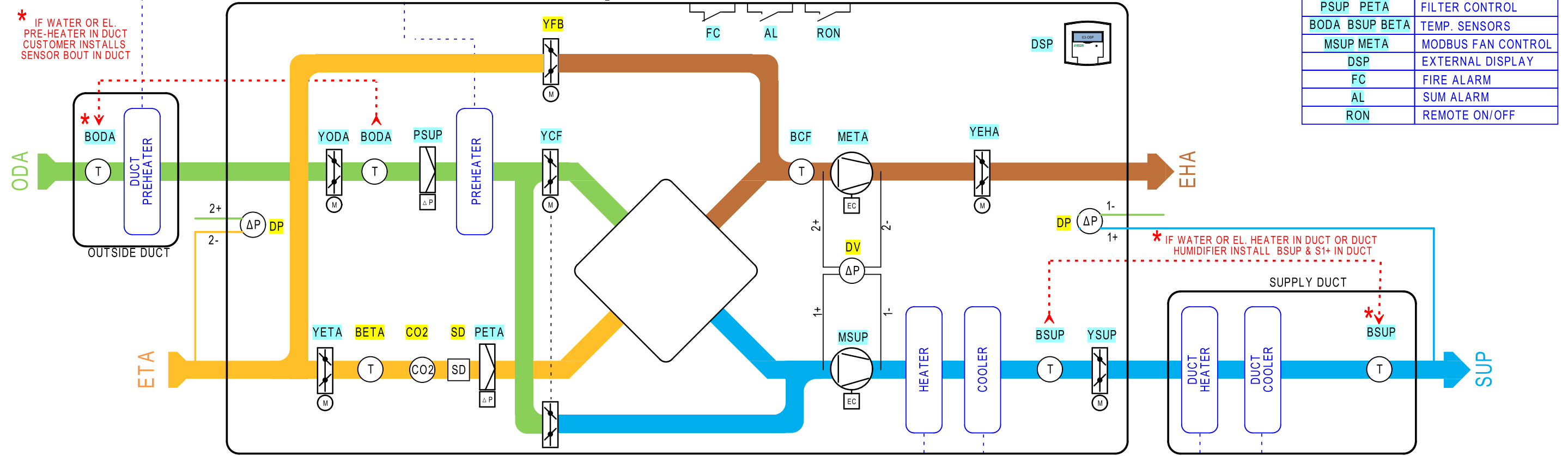


**ELEMENTS THAT ARE INTEGRATED ONLY IF ORDERED**

|      |                             |      |                           |
|------|-----------------------------|------|---------------------------|
| YODA | OUTSIDE AIR DAMPER ACTUATOR | EWd  | DUCT WATER HEATER         |
| YSUP | SUPPLY AIR DAMPER ACTUATOR  | EEd  | DUCT ELECTRICAL HEATER    |
| YETA | EXTRACT AIR DAMPER ACTUATOR | EW   | WATER HEATER              |
| YEHA | EXHAUST AIR DAMPER ACTUATOR | EE   | ELECTRICAL HEATER         |
| KW   | WATER COOLER                | KWd  | DUCT WATER COOLER         |
| KWR  | REVERSIBLE WATER COOLER     | KWRd | DUCT REV. WATER COOLER    |
| KD   | DX COOLER                   | KDd  | DUCT DX COOLER            |
| EWd  | DUCT WATER HEATER           | SD   | SMOKE DETECTOR            |
| YEWV | VALVE ACTUATOR              | FB   | FIRE BYPASS               |
| MEWV | CIRCULATION PUMP            | CO2  | AIR QUALITY SENSOR        |
| YEW  | VALVE ACTUATOR              | EWVd | DUCT GLYCOL PREHEATER     |
| MEW  | CIRCULATION PUMP            | EEVd | DUCT ELECTRICAL PREHEATER |
| YKW  | VALVE ACTUATOR              | EWV  | WATER PREHEATER           |
| YKWR | VALVE ACTUATOR              | EEV  | ELECTRICAL PREHEATER      |
| MKWR | CIRCULATION PUMP            | DP   | DUCT PRESSURE SENSOR      |
| MT   | MECHANICAL THERMOSTAT       | DH   | DUCT HUMIDIFIER           |
| FP   | IMMERSION SENSOR            | HG   | DUCT HUMIDISTAT           |



# CompAir CF STANDARD

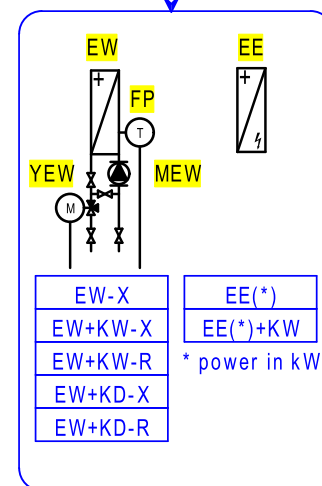


## ELEMENTS THAT ARE MANDATORY

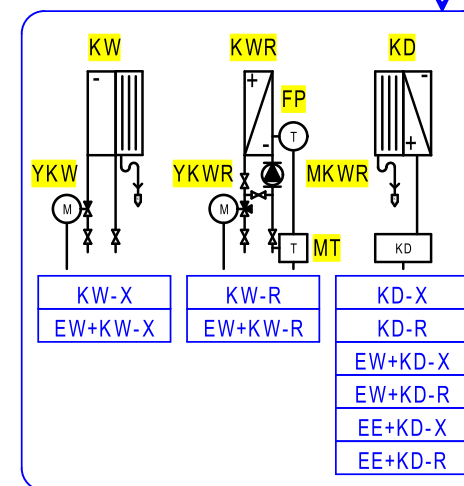
|      |      |                    |
|------|------|--------------------|
| YCF  | BCF  | PLATE RECUPERATOR  |
| PSUP | PETA | FILTER CONTROL     |
| BODA | BSUP | TEMP. SENSORS      |
| MSUP | META | MODBUS FAN CONTROL |
| DSP  |      | EXTERNAL DISPLAY   |
| FC   |      | FIRE ALARM         |
| AL   |      | SUM ALARM          |
| RON  |      | REMOTE ON/OFF      |

## ELEMENTS THAT ARE INTEGRATED ONLY IF ORDERED

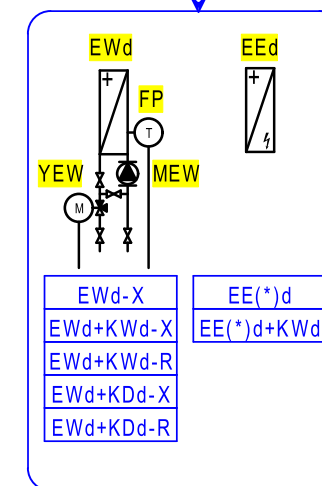
|      |                             |      |                           |
|------|-----------------------------|------|---------------------------|
| YODA | OUTSIDE AIR DAMPER ACTUATOR | EWd  | DUCT WATER HEATER         |
| YSUP | SUPPLY AIR DAMPER ACTUATOR  | EEd  | DUCT ELECTRICAL HEATER    |
| YETA | EXTRACT AIR DAMPER ACTUATOR | EW   | WATER HEATER              |
| YEHA | EXHAUST AIR DAMPER ACTUATOR | EE   | ELECTRICAL HEATER         |
| KW   | WATER COOLER                | KWd  | DUCT WATER COOLER         |
| KWR  | REVERSIBLE WATER COOLER     | KWRd | DUCT REV. WATER COOLER    |
| KD   | DX COOLER                   | KDd  | DUCT DX COOLER            |
| EWd  | DUCT WATER HEATER           | SD   | SMOKE DETECTOR            |
| YEWV | VALVE ACTUATOR              | FB   | FIRE BYPASS               |
| MEWV | CIRCULATION PUMP            | CO2  | AIR QUALITY SENSOR        |
| YEW  | VALVE ACTUATOR              | EWVd | DUCT GLYCOL PREHEATER     |
| MEW  | CIRCULATION PUMP            | EEVd | DUCT ELECTRICAL PREHEATER |
| YKW  | VALVE ACTUATOR              | EWV  | WATER PREHEATER           |
| YKWR | VALVE ACTUATOR              | EEV  | ELECTRICAL PREHEATER      |
| MKWR | CIRCULATION PUMP            | DP   | DUCT PRESSURE SENSOR      |
| MT   | MECHANICAL THERMOSTAT       | DV   | AIR FLOW SENSOR           |
| FP   | IMMERSION SENSOR            |      |                           |



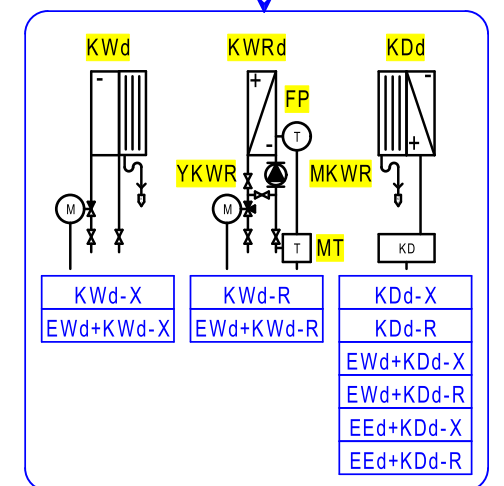
HEATER OPTIONS



COOLER OPTIONS



DUCT HEATER OPTIONS



DUCT COOLER OPTIONS

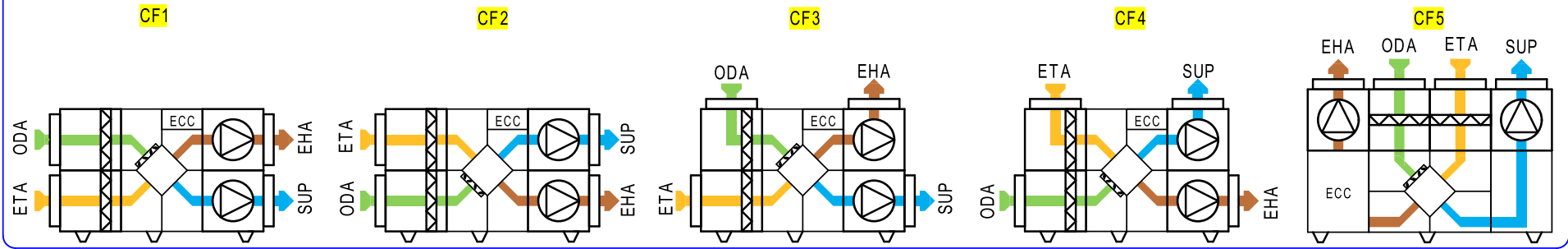
PROJECT:  
*Compact Air Handling Units*



|                           |                                                        |          |              |
|---------------------------|--------------------------------------------------------|----------|--------------|
| This page:<br>CF STANDARD | ELECTRICAL PANEL S/N:<br>COMPAIR_OC-IMP_WIRING DIAGRAM | REV.:    | PAGE:<br>36  |
| PHASE:                    | DRAWN:                                                 | VERSION: | PAGES:<br>40 |
| CREATE DATE: 27. 05. 2021 | CHECKED:                                               |          |              |

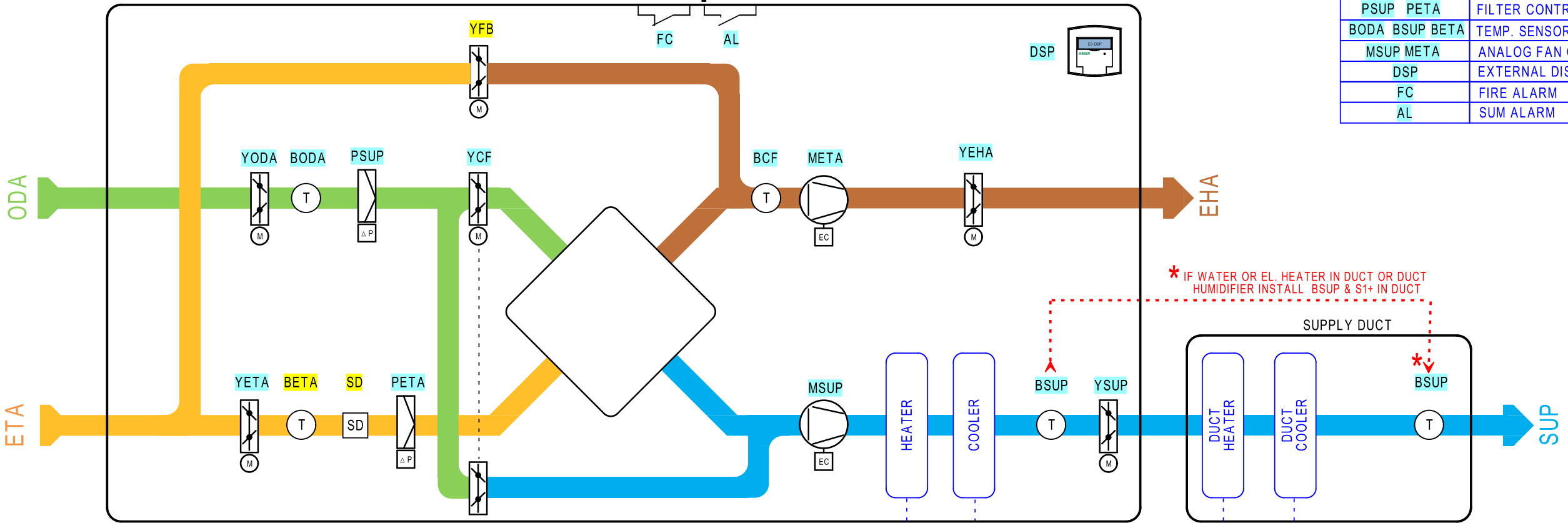


CONNECTION PLACEMENT OPTIONS



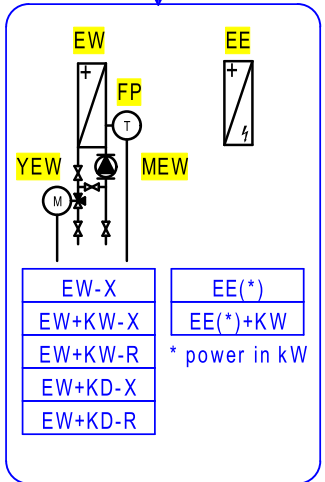
# CompAir CF BASIC

| ELEMENTS THAT ARE MANDATORY |      |                    |
|-----------------------------|------|--------------------|
| YCF                         | BCF  | PLATE RECUPERATOR  |
| PSUP                        | PETA | FILTER CONTROL     |
| BODA                        | BSUP | TEMP. SENSORS      |
| MSUP                        | META | ANALOG FAN CONTROL |
| DSP                         |      | EXTERNAL DISPLAY   |
| FC                          |      | FIRE ALARM         |
| AL                          |      | SUM ALARM          |

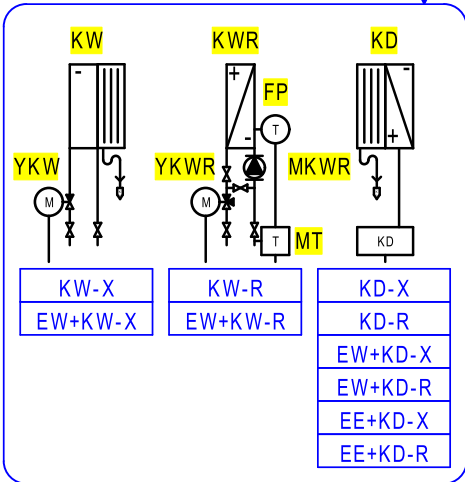


ELEMENTS THAT ARE INTEGRATED ONLY IF ORDERED

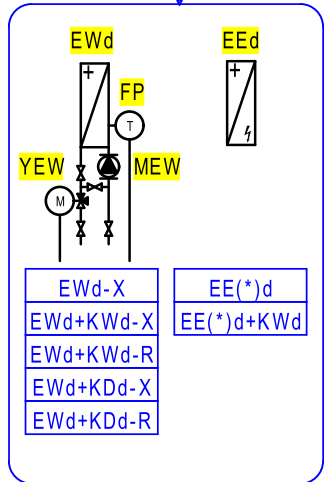
|      |                             |      |                        |
|------|-----------------------------|------|------------------------|
| YODA | OUTSIDE AIR DAMPER ACTUATOR | EWd  | DUCT WATER HEATER      |
| YSUP | SUPPLY AIR DAMPER ACTUATOR  | EEd  | DUCT ELECTRICAL HEATER |
| YETA | EXTRACT AIR DAMPER ACTUATOR | EW   | WATER HEATER           |
| YEHA | EXHAUST AIR DAMPER ACTUATOR | EE   | ELECTRICAL HEATER      |
| KW   | WATER COOLER                | KWd  | DUCT WATER COOLER      |
| KWR  | REVERSIBLE WATER COOLER     | KWRd | DUCT REV. WATER COOLER |
| KD   | DX COOLER                   | KDd  | DUCT DX COOLER         |
| EWd  | DUCT WATER HEATER           | SD   | SMOKE DETECTOR         |
| YEWV | VALVE ACTUATOR              | FB   | FIRE BYPASS            |
| MEWV | CIRCULATION PUMP            |      |                        |
| YEW  | VALVE ACTUATOR              |      |                        |
| MEW  | CIRCULATION PUMP            |      |                        |
| YKW  | VALVE ACTUATOR              |      |                        |
| YKWR | VALVE ACTUATOR              |      |                        |
| MKWR | CIRCULATION PUMP            |      |                        |
| MT   | MECHANICAL THERMOSTAT       |      |                        |
| FP   | IMMERSION SENSOR            |      |                        |



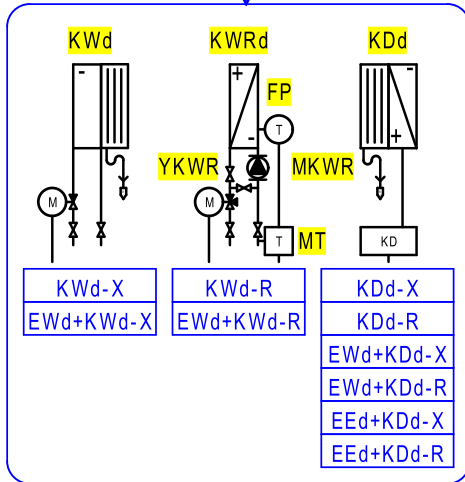
HEATER OPTIONS



COOLER OPTIONS

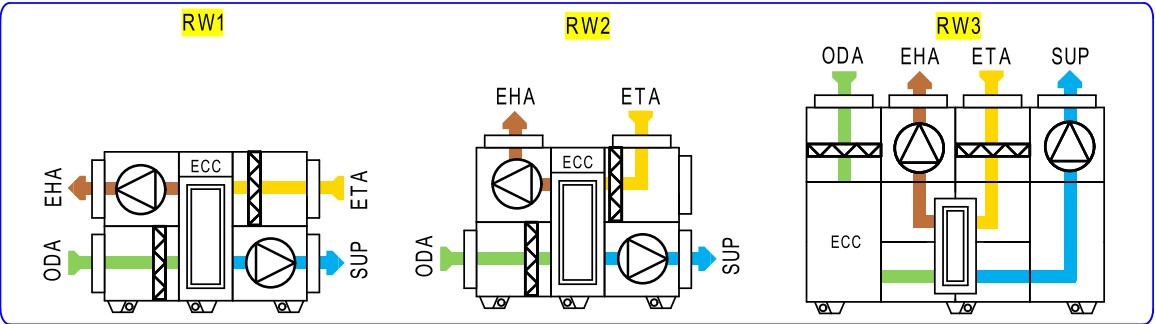


DUCT HEATER OPTIONS



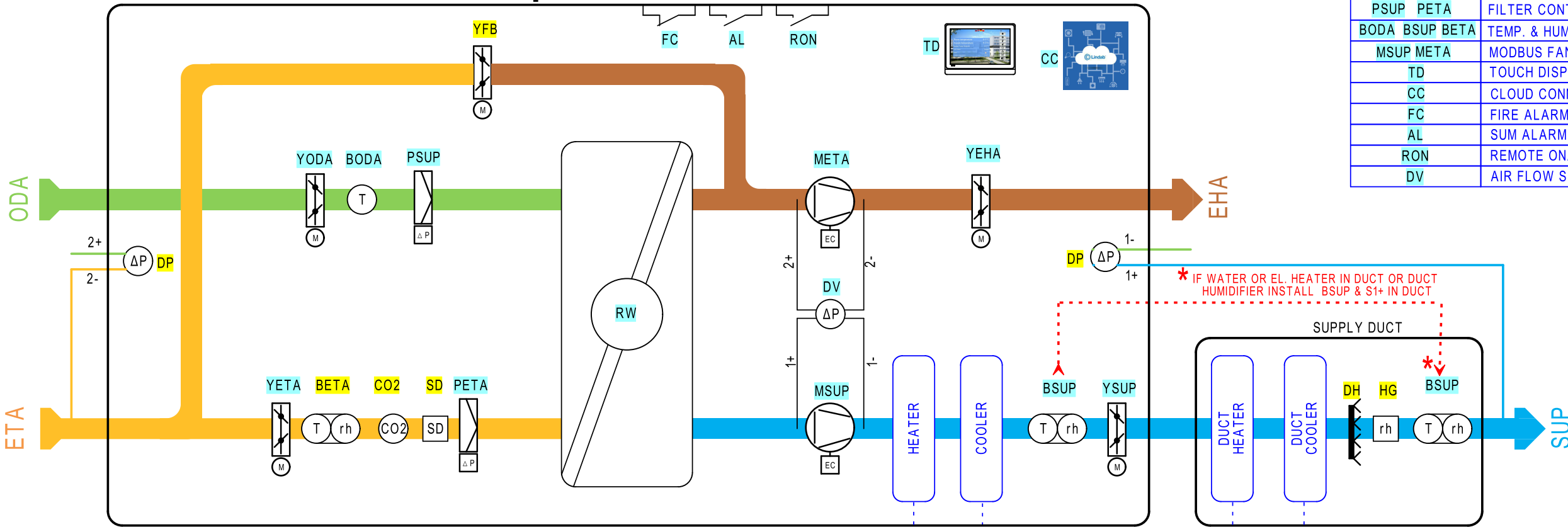
DUCT COOLER OPTIONS

CONNECTION PLACEMENT OPTIONS



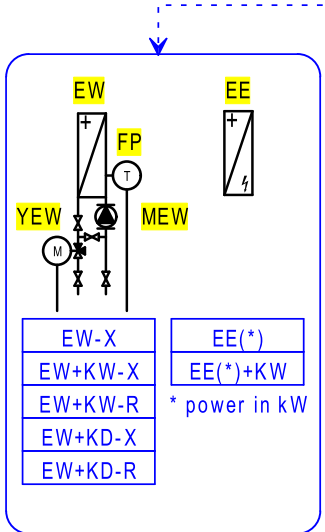
# CompAir RW ADVANCED

| ELEMENTS THAT ARE MANDATORY |                      |
|-----------------------------|----------------------|
| RW                          | ROTARY WHEEL         |
| PSUP PETA                   | FILTER CONTROL       |
| BODA BSUP BETA              | TEMP. & HUM. SENSORS |
| MSUP META                   | MODBUS FAN CONTROL   |
| TD                          | TOUCH DISPLAY        |
| CC                          | CLOUD CONNECT        |
| FC                          | FIRE ALARM           |
| AL                          | SUM ALARM            |
| RON                         | REMOTE ON/OFF        |
| DV                          | AIR FLOW SENSOR      |

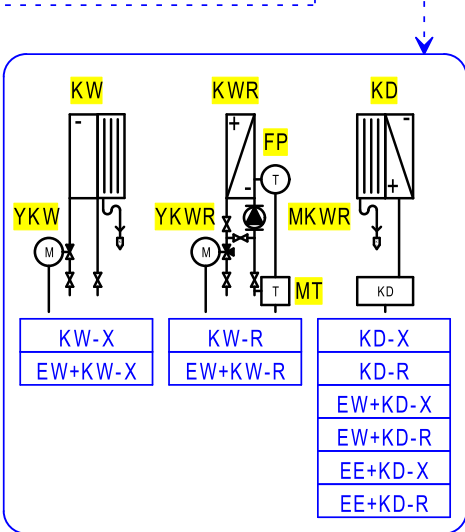


ELEMENTS THAT ARE INTEGRATED ONLY IF ORDERED

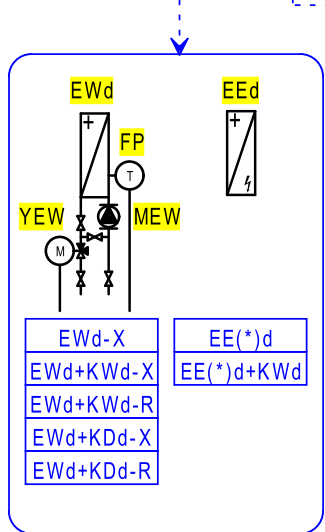
|      |                             |      |                        |
|------|-----------------------------|------|------------------------|
| YODA | OUTSIDE AIR DAMPER ACTUATOR | EWd  | DUCT WATER HEATER      |
| YSUP | SUPPLY AIR DAMPER ACTUATOR  | EEd  | DUCT ELECTRICAL HEATER |
| YETA | EXTRACT AIR DAMPER ACTUATOR | EW   | WATER HEATER           |
| YEHA | EXHAUST AIR DAMPER ACTUATOR | EE   | ELECTRICAL HEATER      |
| KW   | WATER COOLER                | KWd  | DUCT WATER COOLER      |
| KWR  | REVERSIBLE WATER COOLER     | KWRd | DUCT REV. WATER COOLER |
| KD   | DX COOLER                   | KDd  | DUCT DX COOLER         |
| EWd  | DUCT WATER HEATER           | SD   | SMOKE DETECTOR         |
| YEWV | VALVE ACTUATOR              | FB   | FIRE BYPASS            |
| MEWV | CIRCULATION PUMP            | CO2  | AIR QUALITY SENSOR     |
| YEW  | VALVE ACTUATOR              | DP   | DUCT PRESSURE SENSOR   |
| MEW  | CIRCULATION PUMP            | DH   | DUCT HUMIDIFIER        |
| YKW  | VALVE ACTUATOR              | HG   | DUCT HUMIDISTAT        |
| YKWR | VALVE ACTUATOR              |      |                        |
| MKWR | CIRCULATION PUMP            |      |                        |
| MT   | MECHANICAL THERMOSTAT       |      |                        |
| FP   | IMMERSION SENSOR            |      |                        |



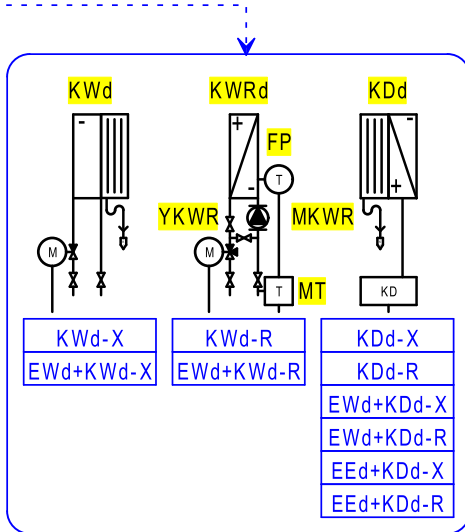
HEATER OPTIONS



COOLER OPTIONS

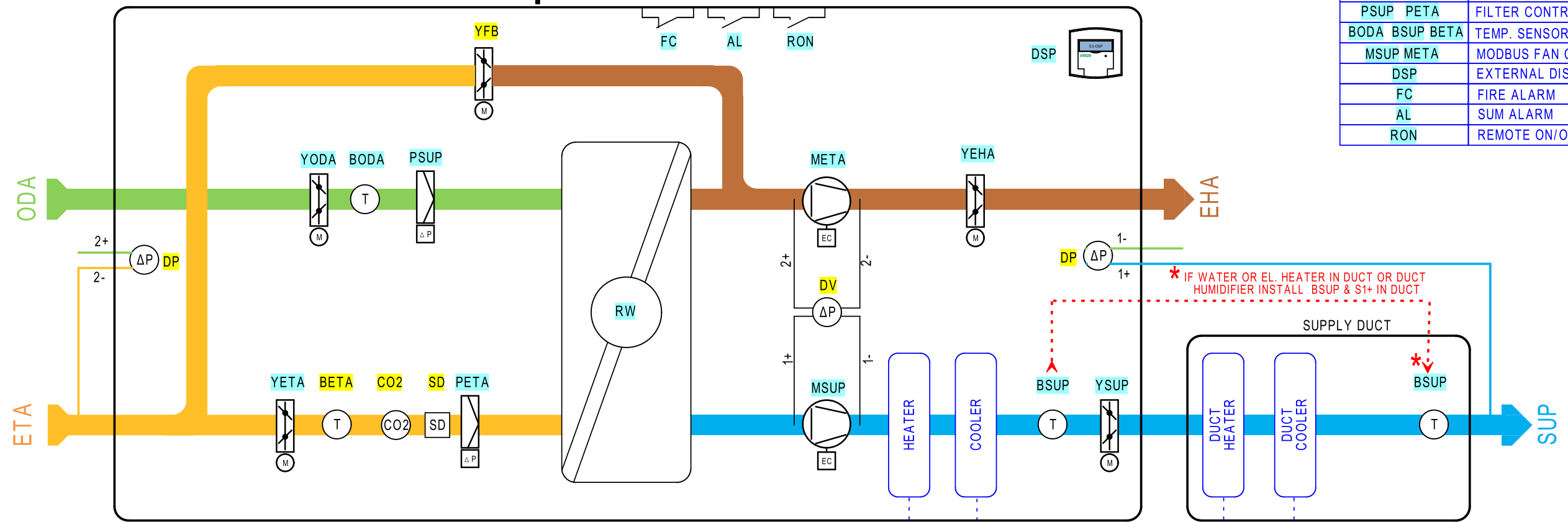


DUCT HEATER OPTIONS



DUCT COOLER OPTIONS

# CompAir RW STANDARD

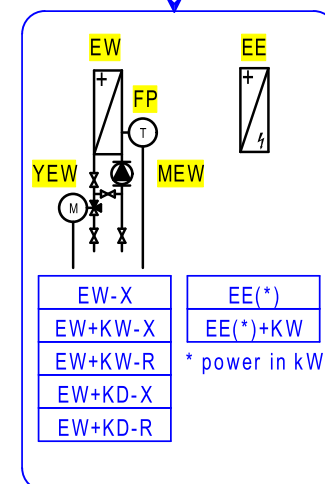


## ELEMENTS THAT ARE MANDATORY

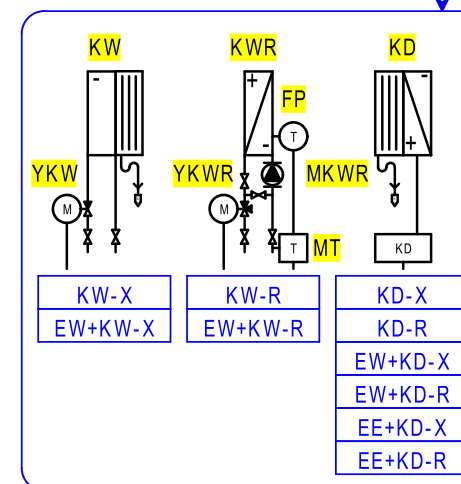
|                |                    |
|----------------|--------------------|
| YCF BCF        | PLATE RECUPERATOR  |
| PSUP PETA      | FILTER CONTROL     |
| BODA BSUP BETA | TEMP. SENSORS      |
| MSUP META      | MODBUS FAN CONTROL |
| DSP            | EXTERNAL DISPLAY   |
| FC             | FIRE ALARM         |
| AL             | SUM ALARM          |
| RON            | REMOTE ON/OFF      |

## ELEMENTS THAT ARE INTEGRATED ONLY IF ORDERED

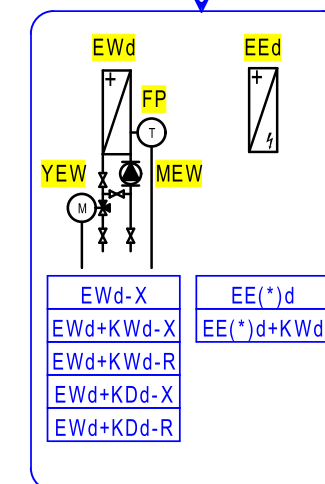
|             |                             |             |                        |
|-------------|-----------------------------|-------------|------------------------|
| <b>YODA</b> | OUTSIDE AIR DAMPER ACTUATOR | <b>EWd</b>  | DUCT WATER HEATER      |
| <b>YSUP</b> | SUPPLY AIR DAMPER ACTUATOR  | <b>EEd</b>  | DUCT ELECTRICAL HEATER |
| <b>YETA</b> | EXTRACT AIR DAMPER ACTUATOR | <b>EW</b>   | WATER HEATER           |
| <b>YEHA</b> | EXHAUST AIR DAMPER ACTUATOR | <b>EE</b>   | ELECTRICAL HEATER      |
| <b>KW</b>   | WATER COOLER                | <b>KWd</b>  | DUCT WATER COOLER      |
| <b>KWR</b>  | REVERSIBLE WATER COOLER     | <b>KWRd</b> | DUCT REV. WATER COOLER |
| <b>KD</b>   | DX COOLER                   | <b>KDd</b>  | DUCT DX COOLER         |
| <b>EWd</b>  | DUCT WATER HEATER           | <b>SD</b>   | SMOKE DETECTOR         |
| <b>YEWV</b> | VALVE ACTUATOR              | <b>FB</b>   | FIRE BYPASS            |
| <b>MEWV</b> | CIRCULATION PUMP            | <b>CO2</b>  | AIR QUALITY SENSOR     |
| <b>YEW</b>  | VALVE ACTUATOR              | <b>DP</b>   | DUCT PRESSURE SENSOR   |
| <b>MEW</b>  | CIRCULATION PUMP            | <b>DV</b>   | AIR FLOW SENSOR        |
| <b>YKW</b>  | VALVE ACTUATOR              |             |                        |
| <b>YKWR</b> | VALVE ACTUATOR              |             |                        |
| <b>MKWR</b> | CIRCULATION PUMP            |             |                        |
| <b>MT</b>   | MECHANICAL THERMOSTAT       |             |                        |
| <b>FP</b>   | IMMERSION SENSOR            |             |                        |



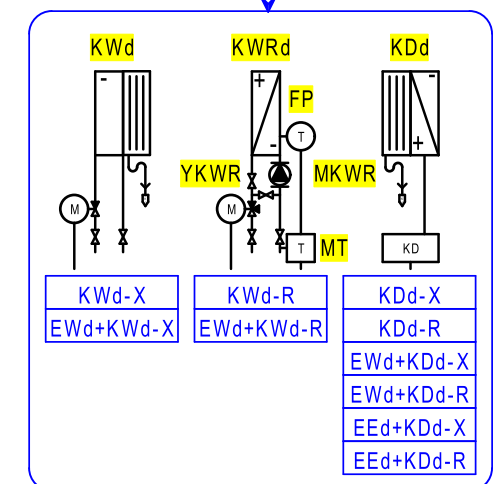
## HEATER OPTIONS



## COOLER OPTIONS



## DUCT HEATER OPTIONS

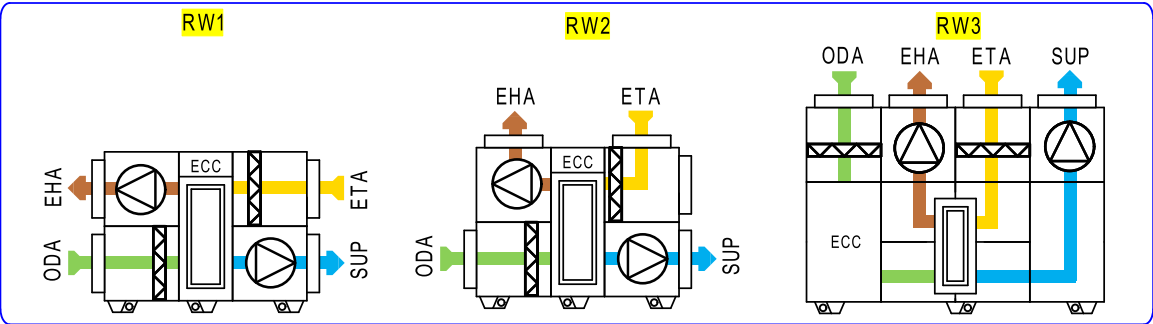


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## DUCT COOLER OPTIONS



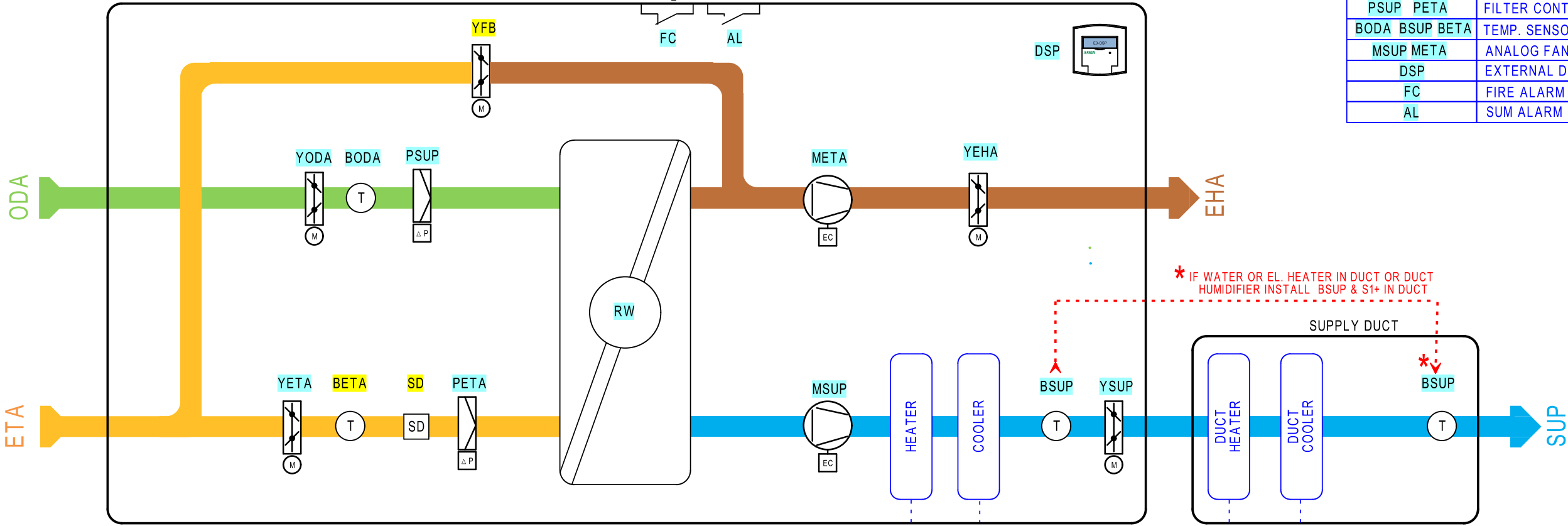
CONNECTION PLACEMENT OPTIONS



# CompAir RW BASIC

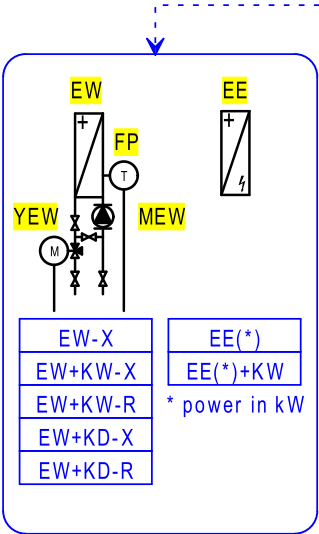
ELEMENTS THAT ARE MANDATORY

|      |      |                    |
|------|------|--------------------|
| YCF  | BCF  | PLATE RECUPERATOR  |
| PSUP | PETA | FILTER CONTROL     |
| BODA | BSUP | TEMP. SENSORS      |
| MSUP | META | ANALOG FAN CONTROL |
| DSP  |      | EXTERNAL DISPLAY   |
| FC   |      | FIRE ALARM         |
| AL   |      | SUM ALARM          |

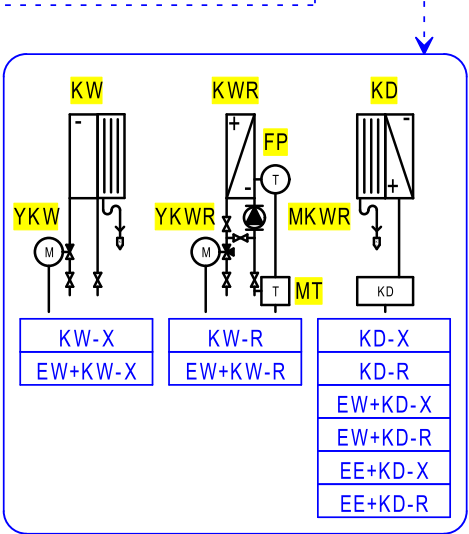


ELEMENTS THAT ARE INTEGRATED ONLY IF ORDERED

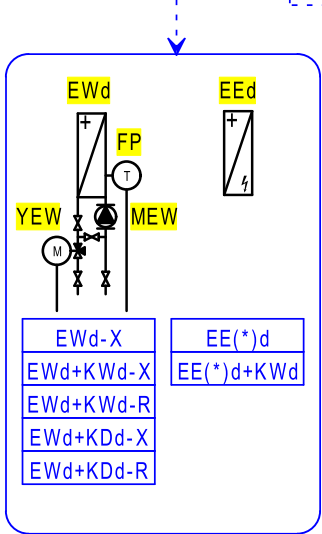
|      |                             |      |                        |
|------|-----------------------------|------|------------------------|
| YODA | OUTSIDE AIR DAMPER ACTUATOR | EWd  | DUCT WATER HEATER      |
| YSUP | SUPPLY AIR DAMPER ACTUATOR  | EEd  | DUCT ELECTRICAL HEATER |
| YETA | EXTRACT AIR DAMPER ACTUATOR | EW   | WATER HEATER           |
| YEHA | EXHAUST AIR DAMPER ACTUATOR | EE   | ELECTRICAL HEATER      |
| KW   | WATER COOLER                | KWd  | DUCT WATER COOLER      |
| KWR  | REVERSIBLE WATER COOLER     | KWRd | DUCT REV. WATER COOLER |
| KD   | DX COOLER                   | KDd  | DUCT DX COOLER         |
| EWd  | DUCT WATER HEATER           | SD   | SMOKE DETECTOR         |
| YEWV | VALVE ACTUATOR              | FB   | FIRE BYPASS            |
| MEWV | CIRCULATION PUMP            |      |                        |
| YEW  | VALVE ACTUATOR              |      |                        |
| MEW  | CIRCULATION PUMP            |      |                        |
| YKW  | VALVE ACTUATOR              |      |                        |
| YKWR | VALVE ACTUATOR              |      |                        |
| MKWR | CIRCULATION PUMP            |      |                        |
| MT   | MECHANICAL THERMOSTAT       |      |                        |
| FP   | IMMERSION SENSOR            |      |                        |



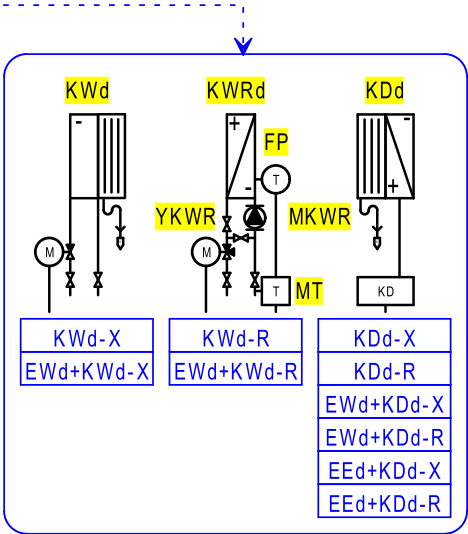
HEATER OPTIONS



COOLER OPTIONS



DUCT HEATER OPTIONS



DUCT COOLER OPTIONS





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