

Specifications

Contents

Air handling units	286
Cooling Units.....	293
Unit sections.....	294
Duct accessories, uninsulated	294
Duct accessories, in insulated casing.....	300
Mixing section, GOLD SD	309
Hoods.....	310
Component box	310
Filter	310
Outdoor installation	311
Extra accessories	312

Specification

GOLD RX Air handling unit, rotary heat exchanger

GOLD

GOLD-aa-b-RX

Size: 04, 05, 07, 08, 11, 12, 14, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100, 120

Version: E

Configuration:

Fan arrangement:	Fan arrangement 1 Fan arrangement 2 (sizes 12-80) Fan arrangement 4 (sizes 04-08, vertical assembly)
Surface treatment on rotor:	Standard Epoxy Sorption
Version:	Right-hand Left-hand
Capacity variant:	1 2 (Applicable to sizes 05, 08, 12, 20, 30, 60, 80, 120)
Connection upward	None Intake (sizes 14-30) Discharge (sizes 14-40) Intake and discharge (sizes 14-30)
Air recirculation section:	Without With (sizes 50-80)
Air discharge direction, upper fan (sizes 50-120)	Forward Upward
End connection: (four choices)	Without With
Base beams (optional sizes 04-08 standard for the other sizes)	Without With
Prefilter, supply air:	Without G4 Aluminium
Prefilter, extract air:	Without G4 Aluminium

Part no. for stock variants

GOLD

GOLD-aa-E-RX-d-e-f-g-h-i

Size:	04, 05, 08, 11, 12, 14, 20, 25, 30, 35, 40	
Fan arrangement:	Fan arrangement 1 = 1 Fan arrangement 2 = 2	
Version:	Right-hand (04-08 without base beams, 11-40) = 1 Left-hand = 2 Right-hand (04-08 with base beams) = 3	
Upper left-hand end connection panel:	Without = 0 With = 1	
Lower left-hand end connection panel:	Without = 0 With = 1	
Upper right-hand end connection panel:	Without = 0 With = 1	
Lower right-hand end connection panel:	Without = 0 With = 1	

Specification

GOLD RX Top Air handling unit, rotary heat exchanger

GOLD

GOLD-aa-b-RX-TOP

Size: 04, 05, 07, 08, 11, 12 |
 Version: E |

Configuration:

Surface treatment on rotor: Standard
 Hygroscopic
 Epoxy treated

Version: Right-hand
 Left-hand

Base beams (optional sizes 04-08 standard for the other sizes) Without
 With

Part no. for stock variants

GOLD

GOLD-aa-E-RX-d-e-TOP

Size: 04, 05, 07, 08, 12 |
 Fan arrangement: Fan arrangement 2 = 2 |
 Version: Right-hand (04-08 without base beams, 12) = 1 |
 Right-hand (04-08 with base beams) = 3 |

Specification

GOLD PX Air handling unit, plate heat exchanger

GOLD

Size: 04, 05, 07, 08, 11, 12, 14, 20, 25, 30

Version: E2

GOLD-aa-b-PX

Configuration:

Surface treatment on heat exchanger	Standard Epoxy treated
Temperature Efficiency	High efficiency (MTE) Normal efficiency (MPE)
Version:	Right-hand Left-hand
Capacity variant:	1 2 (applies to sizes 05, 07, 08, 11, 12, 20, 30)
Connection upward	None Intake, left-hand (sizes 14-30) Intake, right-hand (sizes 14-30) Intake, left-hand and right-hand (sizes 14-30)
Damper	Standard RECO Frost
End connection panel: (four choices)	Without With
Pre-filter, supply air:	Without G4 Aluminium
Pre-filter, extract air:	Without G4 Aluminium

Specification

GOLD CX Air handling unit, coil heat exchangers

GOLD

GOLD-aa-b-CX

Size: 35, 40, 50, 60, 70, 80, 100, 120 |
 Version: E2 |

Configuration:

Fan arrangement: Fan arrangement 1
 Fan arrangement 2
 Fan arrangement 4 (Applicable to size 100/120 only)
 Fan arrangement 5 (applies to size 100/120 only)

Version: Right-hand
 Left-hand
 Supply air in upper level
 (applies to size 100/120 only,
 fan arrangements 4 and 5)
 Supply air in lower level
 (applies to size 100/120 only,
 fan arrangements 4 and 5)

Capacity variant: 1
 2 (applies to sizes 60, 80, 120 only)

Air recirculation section: Without
 With (sizes 50-80)

Air discharge direction upper fan: Forward
 Upward

Filling (does not apply to sizes 100/120): 30% ethylene glycol
 Empty

End connection panel: (four choices) Without
 With

Prefilter, supply air: Without
 G4
 Aluminium

Prefilter, extract air: Without
 G4
 Aluminium

Pipework package

TBXZ-4-42-aa

Unit size: = 120 |

Floor stand for pipework package

TBXZ-2-43-a

Unit size: = 2 |
 = 3 |

Water trap

TBXZ-1-40-a

Version: = 1 |
 Plate heat exchanger = 2 |
 Coil heat exchanger

Specification

GOLD SD Air handling unit

GOLD SD

Size: 04, 05, 07, 08, 11, 12, 14, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100, 120 |
 Version: E/E2* |

GOLD-aa-b-SD

Configuration:

Type of control equipm. Including control unit
 Excluding the control unit
 (used if two air handling units
 can be controlled by the same control unit.)

Filter section (Appl. to
 sizes 14-120 only) Without
 F7

Coil heat exchanger Without
 (applies to sizes With, supply air handling unit
 12-120 only) With, extract air handling unit

Version Right-hand
 Left-hand

Capacity variant: 1
 2 (applies to sizes 05, 08,
 12, 20, 30, 60, 80, 120 only)

Connection upward None
 Discharge (sizes 14-120)

End connection panel: Without
 (two options) With

Base beams Without
 (optional sizes 04-08 With
 standard for the other sizes)

Prefilter: Without
 G4
 Aluminium

Pipework package

Unit size:
 12, 14, 20 = 20
 25, 30 = 30
 35, 40 = 40
 50, 60 = 60
 70, 80 = 80
 100, 120 = 120

TBXZ-4-42-aa

Floor stand for pipework package

Unit size:
 12, 14, 20 = 1
 25-80 = 2
 100/120 = 3

TBXZ-2-43-a

* E = sizes 04-08, E2 = sizes 11-120

Part no. for stock variants

GOLD

GOLD-aa-E-SD-d-e-f-g-h-i

Size: 04, 05, 08, 14, 20 |

Version: Including control unit = 1 |
 Excluding control unit = 2 |

Filter section: Without = 0 |
 With, F7 = 1 |

Coil heat exchanger Without = 0 |

Version: Right-hand = 1 |
 Left-hand = 2 |

End connection panel, Without = 0 |
 left-hand side: With = 1 |

End connection panel, Without = 0 |
 right-hand side: With = 1 |

Specification

Substitute material

Set of filters, bag, GOLD RX/PX/CX TBFZ-2-01-aa-b
For one airflow direction

For unit sizes:

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
50, 60	= 60
70, 80	= 80
100, 120	= 120

Filter class:
F7 = 7

Set of filters, bag, GOLD RX/PX/CX TBFZ-3-01-aa-b
For one airflow direction

For unit sizes:

35, 40	= 40
--------	------

Filter class:
F7 = 7

Set of filters, pleated filter, 300 mm TBFZ-1-03-aa-b
For one airflow direction, to GOLD RX/PX 14-30, air inlet from above.

For unit size:

14, 20	= 20
25, 30	= 30

Filter class:
F7 = 7

Set of filters, pleated filters, GOLD SD 04-12 TBFZ-1-05-aa-b
For one airflow direction

For unit sizes:

04, 05	= 05
07, 08	= 08
11, 12	= 12

Filter class:
F5 = 5
F7 = 7

Set of filters, bag, GOLD SD 14-120 TBFZ-1-06-aa-b
For one airflow direction

For unit sizes:

14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Filter class:
F7 = 7

Set of filters, pleated filters, GOLD RX Top TBFZ-1-09-a
For one airflow direction.

Size

04, 05	= 05
07, 08	= 08
11, 12	= 12

Set of filters, prefilters TBFA TBFZ-1-08-aaa-aaa-b
For one airflow direction

Connection size:

Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120

Filter type:
Aluminium = 1
Compact = 2

Set of filters, pre-filter in intake air section TBTF TBFZ-2-10-aa
For one airflow direction

Size

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40

Set of filters, carbon filters TBFZ-1-11-aaa
For one airflow direction.

Size

17	= 017
24	= 024
36	= 036
50	= 050
72	= 072
98	= 098

Specification

Set of filters, bag, TCFB final filter section TBFZ-1-14-aa-b

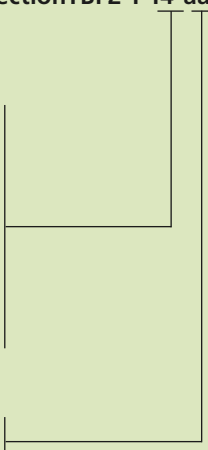
For one airflow direction

For unit sizes:

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 49	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Filter class:

F7	= 7
F9	= 9



Set of filters, pre-filter in the GOLD RX/PX/CX unit

For one airflow direction

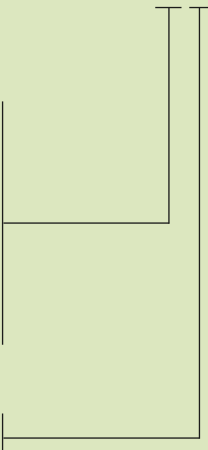
For unit sizes:

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Filter type:

Compact	= 1
Aluminium	= 2

TBFZ-1-15-aa-b



Set of filters, pre-filter in the GOLD SD unit

For one airflow direction

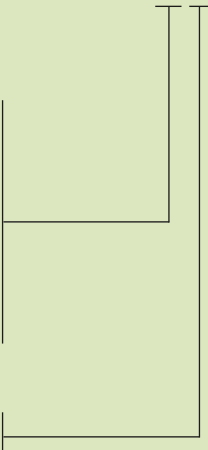
For unit sizes:

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Filter type:

Compact	= 1
Aluminium	= 2

TBFZ-1-16-aa-b



Specification

Cooling Units

COOL DX Cooling unit

COOLDX-aa-b-c-d-e-f-g

For GOLD, size:

- 07, 08 = 08
- 11, 12 = 12
- 14, 20 = 20
- 25, 30 = 30
- 35, 40 = 40
- 50, 60 = 60
- 70, 80 = 80

Version:

- = F

Capacity variant

- 1 = 1
- 2 = 2
- 3 (Not sizes 08 and 12) = 3

Location of air cooler

- Upper level = 1
- Lower level = 2

Inspection side

- Right-hand = 1
- Left-hand = 2

End connection panel, upper level

- Without = 0
- With (side facing outw.) = 1
- With (both sides) = 2

End connection panel, lower level

- Without = 0
- With (side facing outw.) = 1
- With (both sides) = 2

COOL DX Top cooling unit

COOLDXTOP-aa-b-c-d-1

For GOLD, size:

- 04, 05 = 05
- 07, 08 = 08
- 11, 12 = 12

Version:

- = E

Capacity variant

- 1 = 1
- 2 = 2

Location of air cooler

- Supply air, right-hand = 1
- Supply air, left-hand = 2

Accessories

Base for the CoolDX

TBLZ-2-44

For CoolDX, size 08

Base for the CoolDX

TBFZ-2-02-aa-b

For unit size:

- 08 = 08
- 12 = 12
- 20 = 20
- 30 = 30
- 40 = 40
- 60 = 60
- 80 = 80

Filter class:

- F7 = 7

Water trap

TBXZ-1-40-3

For CoolDX

Base beams, COOL DX, size 08

TBXZ-1-77

The base beams are standard for the other sizes.

Specification

Unit sections

Air recirculation section

For return air.

Size	11, 12	= 12
	14, 20	= 20
	25, 30	= 30
	35, 40	= 40
	100, 120	= 120

TCBR-1-aa

Configuration:

Fan arrangement
1
2

Version:

Right-hand
Left-hand

GOLD size (TCBP-1-12 only)

11
12

Capacity variant (GOLD size 11 only)

1
2

Air bypass section

For rerouting the extract air to bypass the heat exchanger and filter

Size	11, 12	= 12
	14, 20	= 20
	25, 30	= 30
	35, 40	= 40

TCBP-1-aa

Configuration*:

Fan arrangement
1
2

Version:

Right-hand
Left-hand

GOLD size (TCBP-1-12 only)

11
12

Capacity variant (GOLD size 11 only)

1
2

* The air bypass section can be selected for the GOLD RX/CX only, sizes 11-40, with extract air fan in the upper level, i.e. with configuration Fan arrangement 1/Right-hand version or Fan arrangement 2/Left-hand version.

Duct crossover section

For recirculated air.

Size	11, 12	= 12
	14, 20	= 20
	25, 30	= 30

TCRS-1-aa

Configuration:

Connection in the roof
Without
With

Damper

Damper with motor

Ductwork leakage class 3

Version	Version 2*	= 2
	Version 4**	= 4

Duct connection size:

Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
□ 600x300	= 060-030
□ 800x400	= 080-040
□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120
□ 2500x800***	= 250-080

Damper blade:

Uninsulated (not to 250-080)	= 1
Insulated (rectangular dampers only)	= 2

Damper motor:

With spring return	= 1
On/off	= 2
Modulating with spring return (rectangular dampers only, damper sizes	= 3

100-040 – 250-080 and Ø 500 circular dampers)

* Duct connection size:

000-031, 000-040, 000-050

** Duct connection size:

060-030, 080-040, 100-040, 120-050, 140-060, 160-080, 180-100, 240-120, 250-080

*** For GOLD sizes 100/120 with fan outlet for upward air discharge.

Specification

Sound attenuator

Unit sound attenuator

TBDA-1-aaa-aaa-bbb

Duct connection size

Ø 500

= 000-050

□ 600x300

= 060-030

□ 800x400

= 080-040

□ 1000x400

= 100-040

□ 1200x500

= 120-050

□ 1400x600

= 140-060

□ 1600x800

= 160-080

□ 1800x1000

= 180-100

□ 2400x1200

= 240-120

Length: For sound attenuator:

1200 mm Ø 500

= 120

650 mm □ 600x300

= 065

650 mm □ 800x400

= 065

650 mm □ 1000x400

= 065

650 mm □ 1200x500

= 065

650 mm □ 1400x600

= 065

650 mm □ 1600x800

= 065

1250 mm □ 1800x1000

= 125

1250 mm □ 2400x1200

= 125

Air heater (coil)

Air heater for hot water

(size 05-12)

TBLA-5-aaa-aaa-b-c

Connection dimensions:

Ø 315

= 000-031

Ø 400

= 000-040

Ø 500

= 000-050

Version:

Standard

= 2

Capacity variant:

Capacity variant 1

= 1

(standard version)

Capacity variant 2

= 2

(Applicable to size 400 and 500 mm dia. only)

Vent. unitsound attenuator

TBDA-2-aaa-aaa-bbb

Duct connection size

Ø 315

= 000-031

Ø 400

= 000-040

Length: For sound attenuator:

800 mm Ø 315

= 080

1,100 mm Ø 400

= 110

Specification

Air heater, water (sizes 05-40)

TBLA-4-aaa-aaa-b-c

Connection size:

Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
□ 600x300	= 060-030
□ 800x400	= 080-040
□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120

Version:

Thermoguard (cap.var. 1 only)	= 1
Standard (Applies to sizes 600x300 – 2400x1200 only)	= 2

Capacity variant:

Capacity variant 1	= 1
Capacity variant 2 (Applies only to sizes 600x300 – 2400x1200, standard version)	= 2
Capacity variant 3 (Applies only to sizes 1000x400 – 2400x1200, standard version)	= 3

Air heater, preheat, water

Includes TBLZ-2-53-0 control system

TBLF-1-aaa-aaa

Connection size:

Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
□ 600x300	= 060-030
□ 800x400	= 080-040
□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120

Circulation pump

TBPA-5-aaa

Set of pump components for the secondary side for air heater without anti-frost protection, including non-return valve and commissioning valve.

Capacity at max 25 kPa pressure drop in air heater and pipework:	
< 0.09 l/s	=009
0.091 - 0.17 l/s	=017
0.171 - 0.35 l/s	=035
0.351 - 0.6 l/s	=060

Circulation pump

TBPA-6-aaa

Set of pump components for the secondary side for air heater without anti-frost protection, including non-return valve and commissioning valve.

Capacity at max 25 kPa pressure drop in air heater and pipework:	
0.601 - 1.0 l/s	=100
1.01 - 1.5 l/s	=150
1.501 - 2.5 l/s	=250

Valve set, cooling and heating

TBVL-3-aaa-b

2(3)-way valve including valve actuator, cable and insertion-type sensor Not used for the AYC control function, see TBVA valve kit.

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780

Insertion-type sensor	= 1
strap-on sensor	= 2

Specification

Valve set, cooling and heating

2 (3)-way valve including valve actuator.
Used for AYC control function

TBVA-1-aaa

Valve size:		
Kvs 0.25	=	002
Kvs 0.40	=	004
Kvs 0.63	=	006
Kvs 1.0	=	010
Kvs 1.6	=	016
Kvs 2.5	=	025
Kvs 4	=	040
Kvs 6.3	=	063
Kvs 10	=	100
Kvs 16	=	160
Kvs 25	=	250
Kvs 40	=	400
Kvs 49	=	490
Kvs 63	=	630
Kvs 78	=	780
Kvs 100	=	1000
Kvs 124	=	1240
Kvs 160	=	1600

Protective bag for valve actuator

For outdoor installation.

TBXZ-1-81

Set of electrical connections:

For air heater/air cooler for water

TBLZ-1-27-a

Cable, resistor and insertion-type sensor	=	1
Cable, resistor and strap-on sensor	=	2

Electric air heater

Including built-in controller and connection cable with quick connector

Duct connection dimensions:

Ø 315	=	000-031
Capacity variant: For air heater:		
3.0 kW Ø 315	=	030
4.5 kW Ø 315	=	045
7.5 kW Ø 315	=	075

Voltage:

400V	=	1
230V (Norway)	=	2

TBLE-3-aaa-aaa-bbb-c

Electric air heater

Including built-in controls and connection cable with quick-fit connector

Duct connection size:

Ø 315	=	000-031
Ø 400	=	000-040
Ø 500	=	000-050
□ 600x300	=	060-030
□ 800x400	=	080-040
□ 1000x400	=	100-040
□ 1200x500	=	120-050
□ 1400x600	=	140-060
□ 1600x800	=	160-080
□ 1800x1000	=	180-100
□ 2400x1200	=	240-120

Capacity var.: For air heaters:

12 kW	Ø 315	=	12
20 kW	Ø 315	=	20
27 kW	Ø 315	=	27
6.0 kW	Ø 400	=	06
12 kW	Ø 400	=	12
20 kW	Ø 400	=	20
27 kW	Ø 400	=	27
36 kW	Ø 400	=	36
47.5 kW	Ø 400	=	47
8 kW	Ø 500	=	08
12 kW	Ø 500	=	12
20 kW	Ø 500	=	20
27 kW	Ø 500	=	27
36 kW	Ø 500	=	36
47 kW	Ø 500	=	47
69 kW	Ø 500	=	69
3 kW	□ 600x300	=	03
4.5 kW	□ 600x300	=	04
7.5 kW	□ 600x300	=	07
12 kW	□ 600x300	=	12
20 kW	□ 600x300	=	20
6 kW	□ 800x400	=	06
12 kW	□ 800x400	=	12
20 kW	□ 800x400	=	20
27 kW	□ 800x400	=	27
36 kW	□ 800x400	=	36
8.0 kW	□ 1000x400 (GOLD 14)	=	08
12 kW	□ 1000x400 (GOLD 14)	=	12
20 kW	□ 1000x400 (GOLD 14)	=	20
36 kW	□ 1000x400 (GOLD 14)	=	36
47.5 kW	□ 1000x400 (GOLD 14)	=	47
69 kW	□ 1000x400 (GOLD 14)	=	69
79 kW	□ 1000x400 (GOLD 14)	=	79
12 kW	□ 1200x500	=	12
20 kW	□ 1200x500	=	20
27 kW	□ 1200x500	=	27

Contd. on next page

Specification

34 kW	<input type="checkbox"/> 1200x500	= 34
47.5 kW	<input type="checkbox"/> 1200x500	= 47
69 kW	<input type="checkbox"/> 1200x500	= 69
79 kW	<input type="checkbox"/> 1200x500	= 79
90 kW	<input type="checkbox"/> 1200x500	= 90
12 kW	<input type="checkbox"/> 1400x600	= 12
20 kW	<input type="checkbox"/> 1400x600	= 20
27 kW	<input type="checkbox"/> 1400x600	= 27
36 kW	<input type="checkbox"/> 1400x600	= 36
47.5 kW	<input type="checkbox"/> 1400x600	= 47
69 kW	<input type="checkbox"/> 1400x600	= 69
79 kW	<input type="checkbox"/> 1400x600	= 79
90 kW	<input type="checkbox"/> 1400x600	= 90
24 kW	<input type="checkbox"/> 1600x800	= 24
34 kW	<input type="checkbox"/> 1600x800	= 34
47 kW	<input type="checkbox"/> 1600x800	= 47
63 kW	<input type="checkbox"/> 1600x800	= 63
79 kW	<input type="checkbox"/> 1600x800	= 79
90 kW	<input type="checkbox"/> 1600x800	= 90
34 kW	<input type="checkbox"/> 1800x1000	= 34
45 kW	<input type="checkbox"/> 1800x1000	= 45
55 kW	<input type="checkbox"/> 1800x1000	= 55
69 kW	<input type="checkbox"/> 1800x1000	= 69
90 kW	<input type="checkbox"/> 1800x1000	= 90
135 kW	<input type="checkbox"/> 1800x1000	= 13
48.8 kW	<input type="checkbox"/> 2400x1200 (230 V)	= 49
50 kW	<input type="checkbox"/> 2400x1200 (400 V)	= 50
67.8 kW	<input type="checkbox"/> 2400x1200 (400 V)	= 68
70 kW	<input type="checkbox"/> 2400x1200 (230 V)	= 70
97.6 kW	<input type="checkbox"/> 2400x1200 (230 V)	= 98
100 kW	<input type="checkbox"/> 2400x1200	= 10
150 kW	<input type="checkbox"/> 2400x1200	= 15
190 kW	<input type="checkbox"/> 2400x1200	= 19

Voltage:
 400V = 1
 230V (Norway) = 2

Air cooler

Air cooler, water (sizes 04-40)

Connection size:	
Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
<input type="checkbox"/> 600x300	= 060-030
<input type="checkbox"/> 800x400	= 080-040
<input type="checkbox"/> 1000x400	= 100-040
<input type="checkbox"/> 1200x400	= 120-040
<input type="checkbox"/> 1200x500	= 120-050
<input type="checkbox"/> 1400x500	= 140-050
<input type="checkbox"/> 1400x600	= 140-060
<input type="checkbox"/> 1600x600	= 160-060
<input type="checkbox"/> 1600x800	= 160-080
<input type="checkbox"/> 1800x1000	= 180-100
<input type="checkbox"/> 2400x1200	= 240-120

Capacity variant:	
Capacity variant 0	= 0
(sizes 1000x400 – 1400x600)	
Capacity variant 1	= 1
Capacity variant 2	= 2
Capacity variant 3	= 3
(Sizes 600x300 – 2400x1200)	
Capacity variant 4	= 4
(Sizes 1600x800 – 2400-1200)	

TBKA-5-aaa-aaa-b

Electric air heater

Including built-in controls and connection cable with quick-fit connector

Duct connection size:	
<input type="checkbox"/> 1000x400	= 100-040
Capacity variant:	
8 kW	<input type="checkbox"/> 1000x400 (GOLD 12) = 08
12 kW	<input type="checkbox"/> 1000x400 (GOLD 12) = 12
20 kW	<input type="checkbox"/> 1000x400 (GOLD 12) = 20
27 kW	<input type="checkbox"/> 1000x400 (GOLD 12) = 27
36 kW	<input type="checkbox"/> 1000x400 (GOLD 12) = 36

Voltage:
 400V = 1
 230V (Norway) = 2

TBLE-4-aaa-aaa-bb-c-A

Air cooler for chilled water (sizes 11-12)

Connection dimensionn:
 Ø 500

Capacity variant:	
Capacity variant 5	= 5
(Size Ø 500 only)	
Capacity variant 6	= 6
(Size Ø 500 only)	

TBKA-4-aaa-aaa-b

Specification

Valve set, cooling and heating

2(3)-way valve including valve actuator, cable and insertion-type sensor Not used for the AYC control function, see TBVA valve kit.

TBVL-3-aaa-b

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780

Insertion-type sensor	= 1
strap-on sensor	= 2

Valve set, cooling and heating

2 (3)-way valve including valve actuator. Used for AYC control function

TBVA-1-aaa

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780
Kvs 100	= 1000
Kvs 124	= 1240
Kvs 160	= 1600

Protective bag for valve actuator

For outdoor installation.

TBXZ-1-81

Set of electrical connections:

For air heater/air cooler for water

TBLZ-1-27-a

Cable, resistor and insertion-type sensor	= 1
Cable, resistor and strap-on sensor	= 2

Air cooler, direct expansion

(sizes 04-40)

Version*

= 3	
= 4	

Connection size:

Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
□ 600x300	= 060-030
□ 800x400	= 080-040
□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120

Capacity variant:

Capacity variant 0	= 0
(sizes 1000x400 – 1400x600)	
Capacity variant 1	= 1
Capacity variant 2	= 2
(1000x400 – 2400x1200 only)	
Capacity variant 3	= 3
(Ø 500, 1200x500 – 2400x1200 only)	

Number of sections:

1 section	= 1
2 sections	= 2
(1000x400 – 2400x1200 only)	

* 4 = TBKC-4-000-031-1-1, TBKC-4-000-050-1-1.
3 = Others

TBKC-a-bbb-bbb-c-d

Water trap

TBXZ-1-40-3

Specification

Duct accessories, in insulated casing

Damper with motor

Version	= 3	
Size:		
04, 05	= 05	
07, 08	= 08	
11, 12	= 12	
14, 20	= 20	
25, 30	= 30	
35, 40	= 40	
50, 60	= 60	
70, 80	= 80	
100, 120	= 120	

Configuration:

Damper motor:
 Spring return
 On/Off
 Modulating

Damper blades:
 Uninsulated
 Insulated

Location of AHU end connection (viewed from insp. side):
 Right-hand
 Left-hand

Location (sizes 20-40):
 Against fan
 Against filter

Duct location (sizes 60-80):
 Lower level
 Upper level

End connection panel:
 Without
 With

Base beams (optional for sizes 05-08,
 standard for the other sizes)
 Without
 With

Spacer section

Version	= 1, 2*	
Size:		
04, 05	= 05	
07, 08	= 08	
11, 12	= 12	
14, 20	= 20	
25, 30	= 30	
35, 40	= 40	
50, 60	= 60	
70, 80	= 80	
100, 120	= 120	

Configuration:

Location of AHU end connection (viewed from insp. side):
 Right-hand
 Left-hand

Duct location (sizes 60-80):
 Lower level
 Upper level

Location (sizes 20-40):
 Against fan
 Against filter

End connection panel:
 Without
 With

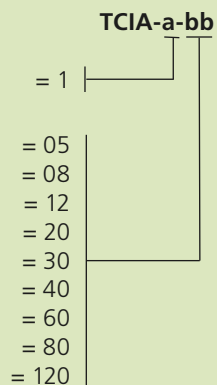
Base beams (optional for sizes 05-08,
 standard for the other sizes)
 Without
 With

* Sizes 60 and 120 = version 1, other sizes are version 2

Specification

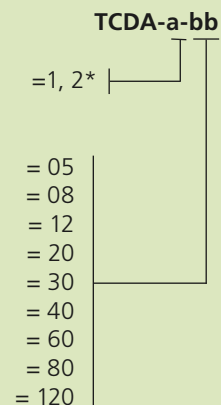
Inspection section

Version
 Size:
 04, 05
 07, 08
 11, 12
 14, 20
 25, 30
 35, 40
 50, 60
 70, 80
 100, 120



Sound attenuator

Version
 Size:
 04, 05
 07, 08
 11, 12
 14, 20
 25, 30
 35, 40
 50, 60
 70, 80
 100, 120



Configuration:

Location of AHU end connection (viewed from insp. side):
 Right-hand
 Left-hand
 Cover panel:
 Without (all sizes)
 With (sizes 05-40)
 Duct location (sizes 60-80):
 Lower level
 Upper level
 Location (sizes 20-40):
 Against fan
 Against filter
 End connection panel:
 Without
 With
 Base beams (optional for sizes 05-08,
 standard for the other sizes)
 Without
 With

Configuration:

Location:
 Against fan
 Against filter
 Location of AHU end connection (viewed from insp. side):
 Right-hand
 Left-hand
 Duct location (sizes 60-80):
 Lower level
 Upper level
 End connection panel:
 Without
 With
 Base beams (optional for sizes 05-08,
 standard for the other sizes)
 Without
 With

* Size 80 = version 2, other sizes are version 1.

Specification

Air heater for hot water:

TCLA-a-bb

Version	= 1, 2, 3*
Size:	
04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Configuration:

- Capacity variant:
 - Capacity variant 1
 - Capacity variant 2
 - Capacity variant 3
- Casing only (sizes 60-120)
- Location of AHU end connection (viewed from insp. side):
 - Right-hand
 - Left-hand
- Fan location (sizes 60-80)
 - 1
 - 2

- End connection panel:
 - Without
 - With
- Base beams (optional for sizes 05-08, standard for the other sizes)
 - Without
 - With

* Size 80 = Version 3, size 60 = Version 2, other sizes are Version 1

Air heater, preheat, water

TCLF-1-bb

Incl. TBLZ-1-53-0 control system

Size:	
04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40

Configuration:

- Location of AHU end connection (viewed from inspection side):
 - Right-hand
 - Left-hand
- End connection panel:
 - Without
 - With
- Base beams (optional for sizes 05-08, standard for the other sizes)
 - Without
 - With

Valve set, cooling and heating

TBVL-3-aaa-b

2(3)-way valve including valve actuator, cable and insertion-type sensor Not used for the AYC control function, see TBVA valve kit.

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780
Insertion-type sensor	= 1
strap-on sensor	= 2

Valve set, cooling and heating

TBVA-1-aaa

2 (3)-way valve including valve actuator. Used for AYC control function

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780
Kvs 100	= 1000
Kvs 124	= 1240
Kvs 160	= 1600

Protective bag for valve actuator

TBZX-1-81

For outdoor installation.

Specification

Set of electrical connections:

For air heater/air cooler for water

TBLZ-1-27-a

Cable, resistor and insertion-type sensor = 1
 Cable, resistor and strap-on sensor = 2

Circulation pump

Set of pump components for the secondary side for air heater without anti-frost protection, including non-return valve and commissioning valve.

TBPA-5-aaa

Capacity at max 25 kPa pressure drop in air heater and pipework:
 < 0.09 l/s =009
 0.091 - 0.17 l/s =017
 0.171 - 0.35 l/s =035
 0.351 - 0.6 l/s =060

Circulation pump

Set of pump components for the secondary side for air heater without anti-frost protection, including non-return valve and commissioning valve.

TBPA-6-aaa

Capacity at max 25 kPa pressure drop in air heater and pipework:
 0.601 - 1.0 l/s =100
 1.01 - 1.5 l/s =150
 1.501 - 2.5 l/s =250

Electric air heater

TCLE-a-bb

Version = 1, 2*
 Size:
 04, 05 = 05
 07, 08 = 08
 11, 12 = 12
 14, 20 = 20
 25, 30 = 30
 35, 40 = 40
 50, 60 = 60
 70, 80 = 80
 100, 120 = 120

Configuration:

Fan location (sizes 60-80)
 1
 2

Cap. variant: Size:
 3 kW 04/05
 4.5 kW 04/05
 7.5 kW 04/05
 12 kW 04/05
 6 kW 07/08
 12 kW 07/08
 20 kW 07/08 (400 V only)

* Size 80 = version 2, other sizes are version 1.

27 kW	07/08 (400 V only)
8 kW	11/12
12 kW	11/12
20 kW	11/12
27 kW	11/12
36 kW	11/12
8 kW	20
12 kW	20
20 kW	20
36 kW	20
47.5 kW	20 (400 V only)
69 kW	20 (400 V only)
12 kW	30
20 kW	30
27 kW	30
34 kW	30
47.5 kW	30
69 kW	30 (400 V only)
12 kW	40
20 kW	40
27 kW	40
36 kW	40
47.5 kW	40
69 kW	40
24 kW	50/60
34 kW	50/60
47 kW	50/60
63 kW	50/60
79 kW	50/60
90 kW	50/60 (400 V only)
135 kW	50/60 (400 V only)
34 kW	70/80
45 kW	70/80
55 kW	70/80
69 kW	70/80
90 kW	70/80
135 kW	70/80
48.8 kW	100/120 (230 V only)
50 kW	100/120 (400 V only)
67.8 kW	100/120 (400 V only)
70 kW	100/120 (230 V only)
97.6 kW	100/120 (230 V only)
100 kW	100/120 (400 V only)
150 kW	100/120
190 kW	100/120
250 kW	100/120
Casing only, 632 mm (sizes 50-80)	
Casing only, 792 mm (sizes 50-80)	
Casing only (sizes 100-120)	

Voltage:
 230 V
 400 V

Location of AHU end connection (viewed from insp. side):
 Right-hand
 Left-hand

End connection panel:
 Without
 With

Base beams (optional for sizes 05-08, standard for the other sizes)
 Without
 With

Specification

Air cooler, water

Version

= 3,4*

Size:

04, 05

= 05

07, 08

= 08

11, 12

= 12

14, 20

= 20

25, 30

= 30

35, 40

= 40

50, 60

= 60

70, 80

= 80

100, 120

= 120

Configuration:

Fan location (sizes 60-80)

1

2

Capacity variant:

Capacity variant 1

Capacity variant 2

Capacity variant 3 (not applicable to size 04-12, 60)

Capacity variant 4 (not applicable to size 60)

Capacity variant 5 (size 60)

Capacity variant 6 (size 60)

Casing only, 570 mm (sizes 50-80)

Casing only, 792 mm (sizes 50-80)

Casing only (sizes 120)

Droplet eliminator:

Without

With

Location of AHU end connection (viewed from insp. side):

Right-hand

Left-hand

End connection panel:

Without

With

Base beams (opt. for sizes 05-08, std for the other sizes)

Without

With

* 3 = sizes 04-12, 50-120. 4 = sizes 14-40

TCKA-a-bb

Valve set, cooling and heating

2(3)-way valve including valve actuator, cable and insertion-type sensor Not used for the AYC control function, see TBVA valve kit.

Valve size:

Kvs 0.25

= 002

Kvs 0.40

= 004

Kvs 0.63

= 006

Kvs 1.0

= 010

Kvs 1.6

= 016

Kvs 2.5

= 025

Kvs 4

= 040

Kvs 6.3

= 063

Kvs 10

= 100

Kvs 16

= 160

Kvs 25

= 250

Kvs 40

= 400

Kvs 49

= 490

Kvs 63

= 630

Kvs 78

= 780

Insertion-type sensor
strap-on sensor

= 1

= 2

TBVL-3-aaa-b

Valve set, cooling and heating

2 (3)-way valve including valve actuator. Used for AYC control function

Valve size:

Kvs 0.25

= 002

Kvs 0.40

= 004

Kvs 0.63

= 006

Kvs 1.0

= 010

Kvs 1.6

= 016

Kvs 2.5

= 025

Kvs 4

= 040

Kvs 6.3

= 063

Kvs 10

= 100

Kvs 16

= 160

Kvs 25

= 250

Kvs 40

= 400

Kvs 49

= 490

Kvs 63

= 630

Kvs 78

= 780

Kvs 100

= 1000

Kvs 124

= 1240

Kvs 160

= 1600

TBVA-1-aaa

Protective bag for valve actuator

For outdoor installation.

TBXZ-1-81

Set of electrical connections:

For air heater/air cooler for water

TBLZ-1-27-a

Cable, resistor and insertion-type sensor = 1

Cable, resistor and strap-on sensor = 2

Specification

Air cooler, direct expansion

Version

TCKC-a-bb

= 3, 4*

Size:

04, 05

= 05

07, 08

= 08

11, 12

= 12

14, 20

= 20

25, 30

= 30

35, 40

= 40

50, 60

= 60

70, 80

= 80

Configuration:

Fan location (sizes 60-80)

1

2

Capacity variant:

Capacity variant 1

Capacity variant 2

Capacity variant 3 (size 50-80)

Casing only, 570 mm (sizes 50-80)

Casing only, 792 mm (sizes 50-80)

Number of sections:

Casing only (sizes 50-80)

1 section

2 sections (not applicable to sizes 04-08)

Droplet eliminator:

Without

With

Location of AHU end connection

(viewed from inspection side):

Right-hand

Left-hand

End connection panel:

Without

With

Base beams (optional for sizes 05-08, standard for the other sizes)

Without

With

Air heater/air cooler, direct expansion

For Celest+ chiller/heat pump.

Version

TCCC-a-bb

= 1

Size:

04, 05

= 05

07, 08

= 08

11, 12

= 12

14, 20

= 20

25, 30

= 30

35, 40

= 40

50, 60

= 60

Configuration:

Fan arrangement

1

2

Capacity variant:

Capacity variant 1

Capacity variant 2 (not applicable to size 05)

Capacity variant 3 (not applicable to size 05, 08)

Capacity variant 4 (not applicable to size 05, 08, 12)

Capacity variant 5 (not applicable to size 05, 08, 12)

Capacity variant 6 (applies to size 60)

Special short, 570 mm (sizes 05-40)

Special long, 792 mm (sizes 05-40)

Special (size 60)

Casing only (size 60)

Droplet separator:

Without

With

Location of AHU end connection panel (viewed from inspection side):

Right-hand

Left-hand

End connection panel:

Without

With

Base beams (optional extra for size 05-08, standard for the other sizes)

Without

With

Water trap

TBXZ-1-40-3

Water trap

TBXZ-1-40-3

* Size 60, 80 = Version 4, other sizes are Version 3

Specification

Coil section, heating (water) and cooling **TCLK-a-bb**

Version	= 3, 4*	
Size:		
04, 05	= 05	
07, 08	= 08	
11, 12	= 12	
14, 20	= 20	
25, 30	= 30	
35, 40	= 40	
50, 60	= 60	
70, 80	= 80	
100, 120	= 120	

End connection panel:

- Without
- With
- Base beams (optional for sizes 05-08, standard for the other sizes)
- Without
- With

* Sizes 05, 08, 12, 120 = Version 3
 Sizes 20, 30, 40, 60, 80 = Version 4

Configuration:

- Fan location (sizes 60-80)
 - 1
 - 2
- Capacity variant, air cooler, water:
 - Capacity variant 1
 - Capacity variant 2
 - Capacity variant 3
- Type of air cooler:
 - Water
 - Direct expansion
 - Without air cooler, 570 mm (sizes 50-80)
 - Without air cooler, 792 mm (sizes 50-80)
 - Without air cooler (size 120)
- Capacity variant, air cooler, water:
 - Capacity variant 1
 - Capacity variant 2
 - Capacity variant 3 (not applicable to size 60)
 - Capacity variant 4 (not applicable to size 60)
 - Capacity variant 5 (size 60)
 - Capacity variant 6 (size 60)
- Capacity variant, air cooler, direct expansion:
 - Capacity variant 1
 - Capacity variant 2
 - Capacity variant 3 (size 50-80)
- Number of sections, air cooler, direct expansion:
 - 1 section
 - 2 sections (not applicable to sizes 04-08)
- Sequence (viewed in direction of airflow):
 - Heating, cooling
 - Cooling, heating
- Droplet eliminator:
 - Without
 - With
- Location of AHU end connection (viewed from insp. side):
 - Right-hand
 - Left-hand

Specification

Coil section, heating (electric) and cooling TCEK-a-bb

Version	= 3, 4*	
Size:		
04, 05	= 05	
07, 08	= 08	
11, 12	= 12	
14, 20	= 20	
25, 30	= 30	
35, 40	= 40	
50, 60	= 60	
70, 80	= 80	
100, 120	= 120	

20 kW	30
27 kW	30
34 kW	30
47.5 kW	30
69 kW	30 (400 V only)
12 kW	40
20 kW	40
27 kW	40
36 kW	40
47.5 kW	40
69 kW	40
25 kW	50/60
34 kW	50/60
47 kW	50/60
63 kW	50/60
79 kW	50/60
90 kW	50/60 (400 V only)
135 kW	50/60 (400 V only)
34 kW	70/80
45 kW	70/80
55 kW	70/80
69 kW	70/80
90 kW	70/80
135 kW	70/80
48.8 kW	100/120 (230 V only)
50 kW	100/120 (400 V only)
67.8 kW	100/120 (400 V only)
70 kW	100/120 (230 V only)
97.6 kW	100/120 (230 V only)
100 kW	100/120 (400 V only)
150 kW	100/120
190 kW	100/120
250 kW	100/120

Configuration:

Fan location (sizes 60-80)

- 1
- 2

Cap. variant: Size:

3 kW	04/05
4.5 kW	04/05
7.5 kW	04/05
12 kW	04/05
6 kW	07/08
12 kW	07/08
20 kW	07/08 (400 V only)
27 kW	07/08 (400 V only)
8 kW	11/12
12 kW	11/12
20 kW	11/12
27 kW	11/12
36 kW	11/12
47.5 kW	11/12
69 kW	11/12
8 kW	20
12 kW	20
20 kW	20
36 kW	20
47.5 kW	20 (400 V only)
69 kW	20 (400 V only)
12 kW	30

63 kW	50/60
79 kW	50/60
90 kW	50/60 (400 V only)
135 kW	50/60 (400 V only)
34 kW	70/80
45 kW	70/80
55 kW	70/80
69 kW	70/80
90 kW	70/80
135 kW	70/80
48.8 kW	100/120 (230 V only)
50 kW	100/120 (400 V only)
67.8 kW	100/120 (400 V only)
70 kW	100/120 (230 V only)
97.6 kW	100/120 (230 V only)
100 kW	100/120 (400 V only)
150 kW	100/120
190 kW	100/120
250 kW	100/120
Without air heater, 632 mm (sizes 50-80)	
Without air heater, 792 mm (sizes 50-80)	
Without air heater (size 120)	

Voltage:

- 230 V
- 400 V

Type of air cooler:

- Water
- Direct expansion
- Without air cooler, 570 mm (sizes 50-80)
- Without air cooler, 792 mm (sizes 50-80)
- Without air cooler (size 120)

Capacity variant, air cooler, water:

- Capacity variant 1
- Capacity variant 2
- Capacity variant 3 (not applicable to size 60)
- Capacity variant 4 (not applicable to size 60)
- Capacity variant 5 (size 60)
- Capacity variant 6 (size 60)

* Size 60, 80 = Version 4, other sizes are Version 1

Contd. on next page

Specification

Capacity variant, air cooler, direct expansion:
 Capacity variant 1
 Capacity variant 2
 Capacity variant 3 (size 50-80)

Number of sections, air cooler, direct expansion:
 1 section
 2 sections (not applicable to sizes 04-08)

Sequence (viewed in direction of airflow):
 Heating, cooling
 Cooling, heating

Droplet eliminator:
 Without
 With

Location of AHU end connection (viewed from insp. side):
 Right-hand
 Left-hand

End connection panel:
 Without
 With

Base beams (optional for sizes 05-08,
 standard for the other sizes)
 Without
 With

Valve set, cooling and heating

2(3)-way valve including valve actuator,
 cable and insertion-type sensor Not used for
 the AYC control function, see TBVA valve kit.

TBVL-3-aaa-b

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780

Insertion-type sensor	= 1
strap-on sensor	= 2

Valve set, cooling and heating

2 (3)-way valve including valve actuator.
 Used for AYC control function

TBVA-1-aaa

Valve size:	
Kvs 0.25	= 002
Kvs 0.40	= 004
Kvs 0.63	= 006
Kvs 1.0	= 010
Kvs 1.6	= 016
Kvs 2.5	= 025
Kvs 4	= 040
Kvs 6.3	= 063
Kvs 10	= 100
Kvs 16	= 160
Kvs 25	= 250
Kvs 40	= 400
Kvs 49	= 490
Kvs 63	= 630
Kvs 78	= 780
Kvs 100	= 1000
Kvs 124	= 1240
Kvs 160	= 1600

Protective bag for valve actuator

For outdoor installation.

TBXZ-1-81

Set of electrical connections:

For air heater/air cooler for water

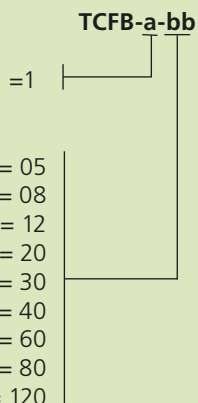
TBLZ-1-27-a

Cable, resistor and insertion-type sensor	= 1
Cable, resistor and strap-on sensor	= 2

Specification

Final filter section

Version



Size:

- 04, 05
- 07, 08
- 11, 12
- 14, 20
- 25, 30
- 35, 40
- 50, 60
- 70, 80
- 100, 120

Configuration:

Fan location (sizes 60-80)

- 1
- 2

Location of AHU end connection (viewed from insp. side):

- Right-hand
- Left-hand

Filter class

- F9
- F7

End connection panel:

- Without
- With

Base beams (optional sizes 05-08, standard for the other sizes)

- Without
- With

Mixing section, GOLD SD

Mixing section for the GOLD SD TBBD-3-aaa-aaa-b-c

Duct connection size:

- Ø 315 = 000-031
- Ø 400 = 000-040
- Ø 500 = 000-050
- 600x300 = 060-030
- 800x400 = 080-040
- 1000x400 = 100-040
- 1200x500 = 120-050
- 1400x600 = 140-060
- 1600x800 = 160-080
- 1800x1000 = 180-100

Variant:

- Two dampers = 1
- Three dampers = 2

Design

- with motor = 1

Specification

Hoods

Outdoor air hood

Including roof duct

For unit size:

- 04, 05 = 0031
- 07, 08 = 0040
- 11, 12 = 0050
- 14, 20 = 0606
- 25, 30, 35, 40 = 0909

TBHA-1-aaaa

Exhaust air hood

Including roof duct

For unit size:

- 04, 05 = 0031
- 07, 08 = 0040
- 11, 12 = 0050
- 14, 20 = 0606
- 25, 30, 35, 40 = 0909

TBHB-1-aaaa

Dual-purpose hood

Including roof duct

For unit size:

- 04, 05 = 0031
- 07, 08 = 0040
- 11, 12 = 0050

TBHC-1-aaaa

Exterior Wall Hood

For unit size:

- 04, 05 = 0031
- 07, 08 = 0040
- 11, 12 = 0050

TBHE-1-aaaa

Component box

Component box

Size:

- 05 = 05
- 12 = 12
- 30 = 30
- 40 = 40

TCWP-1-aa

Configuration:

Inspection door:
Right-hinged
Left-hinged

Base beams (optional extra for size 05,
standard on the other sizes):

Without
With

Roof for the component box

Size of component box:

- 05 = 05
- 12 = 12
- 30 = 30
- 40 = 40

TBTB-2-aa-WP

Filters

Carbon filter

Number of carbon filter cartridges

- 17 = 017
- 24 = 024
- 36 = 036
- 50 = 050
- 72 = 072
- 98 = 098

TBFK-4-aa-b

Carbon filter cartridges::

- Without = 0
- With = 1

Prefilter

Connection size

- Ø 315 = 000-031
- Ø 400 = 000-040
- Ø 500 = 000-050
- 1000x400 = 100-040
- 1200x500 = 120-050
- 1400x600 = 140-060
- 1600x800 = 160-080
- 1800x1000 = 180-100
- 2400x1200 = 240-120

TBFA-1-aaa-aaa-b

Type of filter

- Aluminium = 1
- Compact = 2

Pressure transducer

Contains pressure transducer and connection cable.

Version:

- 1 m = 01
- 3 m = 03
- 5 m = 05
- 10 m = 10
- 15 m = 15

TBLZ-1-23-aa

Specification

Outdoor installation

Roof for outdoor installation

GOLD RX/PX

Complete with necessary assembly parts

For unit sizes:	
04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Type of unit	
RX	= RX
PX	= PX
Accessory TCWP	= WP

TBTB-3-aa-bb

Intake air section for outdoor inst.

Complete with fastening device. The damper and pre-filter are available installed inside the section on delivery.

Version	= 2/3*
For unit size:	
04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40

Dampers	
Without	= 1
With, actuator with spring return	= 2
With, modulating damper actuator	= 3

Pre-filters	
Without	= 1
With	= 2

Version	
Right-hand	= 1
Left-hand	= 2

* Actuator with spring return (c-code suffix = 2) = Version 3
Other (c-code suffix = 1 or 3) = Version 2

TBTF-a-bb-c-d-e

Roof for outdoor installation

GOLD CX/SD

Complete with necessary assembly parts

For unit sizes:	
04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Type of unit	
CX	= CX
SD	= SD

TBTB-4-aa-bb

Exhaust air hood for outdoor installation TBTA-2-aa-2

Complete with wire mesh and fastening device

Connection size:	
Ø 315	= 000-031
Ø 400	= 000-040
Ø 500	= 000-050
□ 600x300	= 060-030
□ 800x400	= 080-040
□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120

Intake air section for outdoor installation TBTA-3-aa-b-1

Complete with water separator and fastening device. The damper can be installed inside the section.

For unit sizes:	
50, 60	= 60
70, 80	= 80
100, 120	= 120
Design	Grille = 1

Cover hood, GOLD CX pipework package TBXZ-2-41-aa

For unit sizes:	
35, 40	= 40
50, 60	= 60
70, 80	= 80

Countersink kit for supply air temperature sensor
Used for internally insulated ducts.

TBLZ-1-65

Specification

Extra Accessories

Mechanical equipment

Stand, GOLD RX Mounting kit

For unit size:
04, 05
07, 08

	TBLZ-2-aa-02
= 05	
= 08	

Stand, GOLD SD Mounting kit.

For unit size:
04, 05
07, 08

	TBLZ-2-aa-04
= 05	
= 08	

Legs, GOLD PX GOLD Air handling units, sizes 04-40:

TBLZ-1-43

Base frame, CoolDX Used also as a base beam for the CoolDX in combination with the GOLD PX

TBLZ-1-44

Cover holder For unit sizes 04, 05 and 08

TBLZ-1-10-09

Slip-clamp jointing flanges Set of one connection

For unit sizes:
14, 20
25, 30
35, 40
50, 60
70, 80
100, 120

	TBLZ-2-aa-08
= 20	
= 30	
= 40	
= 60	
= 80	
= 120	

Metu connec-tion

Connection size:
□ 1000x400
□ 1200x500
□ 1400x600
□ 1600x800
□ 1800x1000
□ 2400x1200

	TBXZ-1-aaa-aaa-10
= 100-040	
= 120-050	
= 140-060	
= 160-080	
= 180-100	
= 240-120	

Support foot, 1 pc. For bottom beam of unit sizes 11, 12, 14, 20, 25, 30, 35, 40, 50, 60, 70, 80, 100, 120

TBXZ-1-36

Rubber disc, 1 pc. For support foot

TBXZ-1-37

Elevating block for base beams For insulated duct accessories in combination with the GOLD PX, sizes 04-08.

TBXZ-1-78

End connection panel, GOLD full face **TBXZ-1-86-aa**

For unit size:

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

End connection panel, COOL DX full face

For unit size:

04, 05	= 05
07, 08	= 08
11, 12	= 12
14, 20	= 20
25, 30	= 30
35, 40	= 40
50, 60	= 60
70, 80	= 80
100, 120	= 120

Location:

Outdoor air/Exhaust air	= 1
Extract air/Supply air	= 2

Adapter, full face connection size to standard connection size **TBXZ-1-90-aaa-aa**

Enables installation of the electric air heater (with standard connection size) to the air handling unit with full face connection size.

Connection dimensions of the accessory:

□ 1000x400	= 100-040
□ 1200x500	= 120-050
□ 1400x600	= 140-060
□ 1600x800	= 160-080
□ 1800x1000	= 180-100
□ 2400x1200	= 240-120

Specification

Electrical and control equipment

Extension cable

With quick-fit connector

Version:

- 5 m long for air heater, water and electric = 1
- 8 m long for supply air sensor, pressure sensor, TBIQ = 3
- 8 m for IQnavigator hand-held micro terminal = 4

TBLZ-1-05-a

Connection cable

For pressure sensor, TBIQ

Version:

- 1 m = 01
- 3 m = 03
- 5 m = 05
- 10 m = 10
- 15 m = 15

TBLZ-1-26-aa

Connection cable

For pressure sensor, TBIQ

Version:

- 0.45 m = 00

TBLZ-2-26-aa

Communication unit

For interface:
LON FFT-10
Trend

- = 1
- = 2

TBLZ-3-1-a-41

Extension kit

For pressure sensor or external temperature sensor. For lengthening the cable 6 - 50 metres.

TBLZ-2-13

Room Sensor

For wall mounting. Enclosure Class IP 20.

TBLZ-1-24-2

Sensor, outdoor/room

Watertight for wall mounting, enclosure class IP54. Can also be used as a room sensor if specs require a higher enclosure class.

TBLZ-1-24-3

Pressure sensor

Contains pressure sensor and connection cable.

Version:

- Sensor only = 00
- 1 m = 01
- 3 m = 03
- 5 m = 05
- 10 m = 10
- 15 m = 15

TBLZ-1-23-aa

SD card

Flash card for program transmissions and logging

Version:

- Without software = 1
- With software, GOLD = 2
- With software, GOLD program version 5.17 = 4
- With software, GOLD version E = 5

TBLZ-1-62-a

Transformer, 230/400 V

For connecting the air handling unit to 230V mains power supply

Transformer output:

- 7 kVA = 07
- 11 kVA = 11
- 13.9 kVA = 14
- 17.5 kVA = 18
- 22.2 kVA = 22
- 27.7 kVA = 28
- 34.6 kVA = 35
- 43.6 kVA = 44
- 55.4 kVA = 55
- 86.6 kVA = 87

TBLZ-2-aa-11

Transformer 230/24 VAC

TBLZ-1-46

Timer, electronic

TBLZ-1-47

IQlogic+

Functional module and connection cable

Size

- Small = 1
- Medium = 2

Version:

- 0.45 m = 00
- 1 m = 01
- 3 m = 03
- 5 m = 05
- 10 m = 10
- 15 m = 15

TBIQ-3-a-bb

External duct temperature sensor, IQlogic+ **TBLZ-1-30**

Humidity sensor

TBLZ-1-31-a

For dehumidification and dew point control

Measuring point:

- Supply air duct = 1
- Extract air duct = 2
- For coil heat exch. SD, extract air = 3

Specification

Separate cubicle for smoke function TBLZ-1-48-a

- Including control unit for smoke detector = 1
- Including control unit for smoke detector and damper installation = 2

Separate cubicle for smoke function TBLZ-2-48-2
Including control unit for smoke detector and damper exercising, damper: 24 V AC

Optical smoke detector with built-in control unit TBLZ-1-72-a

- Venturi tube 600 mm = 1
- 1500 mm = 2

Smoke detector, optical TBLZ-2-49-a

- Venturie tube 600 mm = 1
- 1500 mm = 2

Mounting fittings for smoke detector, for circular or insulated ducts TBLZ-1-53

Damper actuator TBLZ-1-69
With spring return

Timer ELQZ-1-406-a
0-2 hour prolonged operation

Version:
For strap-on mounting = 1

Push button for prolonged operation ELQZ-2-455-a-b

Version:
For strap-on mounting = 1

Without indicating LED = 0
With indicating LED = 1

Occupant detection sensor TBLZ-1-56

Internal duct temperature sensor TBLZ-1-58-aa

Length of cable

- 1 m = 01
- 2,2 m = 02
- 4,3 m = 04
- 10 m = 10

Air quality sensor, duct mounting TBLZ-1-74-a

- Venturi tube 600 mm = 1
- 1500 mm = 2

Air quality sensor, room ELQZ-2-504

Control box for XZone TBLZ-3-50-0-b-cc
Control of one extra temperature zone at most

- Type of sensor
- Supply air = 1
 - Supply air/Extract air = 2
 - Supply air/Room = 3

- Connection cable
- 1 metre = 01
 - 3 metres = 03
 - 5 metres = 05
 - 10 metres = 10
 - 15 metres = 15

ReCO₂ TBLZ-2-51
Complete set of components for controlling the function for mixing.

The pressure sensor and the IQlogic+ are included. The air quality sensor must be ordered separately. The outdoor air damper must be of modulating type. The air handling unit must be equipped with an air recirculation section. Applicable to sizes 14-80 only.

Control of air heater for pre-heat TBLZ-2-53-0
Including temperature sensor for duct and IQlogic+ with 0.25 metre long cable.

All Year Comfort TBLZ-2-59-a-0-cc
Control eq. cubicle for contr. the supply water flow.

- Operation
- Cooling control = 1
 - Heating control = 2
 - Cooling and heating control = 3

- Connection Cable
- 1 metre = 01
 - 3 metres = 03
 - 5 metres = 05
 - 10 metres = 10
 - 15 metres = 15
 - > 15 metres = xx

VOC sensor TBLZ-1-60-2-2
Used for Wise Apartment or demand control of the GOLD.

Specification

Junction box conforming to IP54 For extension cable, TBLZ-1-05-a	TBLZ-1-61
IQnavigator Network adapter For hand-held micro terminal	TBLZ-1-70
Hand-held micro terminal	TBLZ-1-71-a
Hand-held micro terminal Without WLAN Without WLAN	= 1 = 2
IQlogic+ module enclosure IP65	TBLZ-1-73
External temp. sensor for extract air duct	TBLZ-1-76

