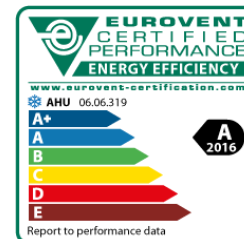


GOLD F RX
 Manufactured by Swegon, Kvänum, Sweden

Dimensioning data		1 - RX AHU1 - 5.743 Water Coils	
Unit size			070
Air density			1.200 kg/m ³
Supply air flow			5.743 m ³ /s
Static pressure drop	Outdoor air duct		0 Pa
	Supply air duct		250 Pa
Extract air flow			5.420 m ³ /s
Static pressure drop	Extract air duct		300 Pa
	Exhaust air duct		0 Pa
Climate data		London Weather C.,	Great Britain
Weather station, reference		LONDON CITY,	Great Britain
Design outdoor temperature, summer			36.3 °C
Design outdoor humidity, summer			30 %
Design outdoor temperature, winter			-4.0 °C
Design outdoor humidity, winter			100 %
Supply air temperature, summer			15.0 °C
Supply air temperature, winter			21.0 °C



Key Performance Data		
Specific fan power SFPv	With clean filter and including effect of OACF & EATR	1.87 kW/(m ³ /s)
Dry temperature efficiency of supply air, winter		74.5 %
Eurovent Energy Efficiency Class	Summer: A G 2020	Winter: A 2016
Eurovent; Fs_Pref:	Summer: 0.98	Winter: 0.98
ErP Commission Regulation (EU) No 1253/2014		Compliant 2018

Casing	
Construction	Frameless, double skinned panels with mineral wool insulation
Panels	52mm thick with 1mm thick steel sheet inside and out. Outer sheet with grey painted finish
Thermal insulation class	T2
Thermal bridging class	TB2
Casing leakage class	L1(M) / L2(R) according to EN 1886:2007 at -400 Pa and +700 Pa
Casing strength	D1(M)
Hygiene	Compliant with the requirements of VDI 6022

Electrical connections	
GOLD F RX	3-phase, 5-wire, 400 V-10/+15%, 50 Hz, 50 A

Functional sections viewed in the direction of air flow	Velocity m/s	Air Temperature in/out Winter °C	Air Temperature in/out Summer °C	Cooling power, summer kW	Design Pressure drop Pa	Noise Level dB(A)
Outdoor air duct					-0	75
Damper					-1	
Connection frame					-1	
Filter	2.07				-68	
Rotary heat exchanger	2.61	-4.0/12.4	36.3/27.7		-110	
Recirculation part					-	
Fan				6.670	719	
Afterfilter in casing, TCFB080G01					-177	
Cooling coil, water, in casing	2.18		28.6/15.0	128.64	-84	
Inspection section in casing					-	
Heating coil, water, in casing	2.18	15.0/21.0		42.33	-29	
Connection frame					-0	
Supply air duct					-250	75
Extract air duct					-300	74
End section					-6	
Filter	1.79				-84	
Recirculation part					-	
Rotary heat exchanger	2.70	18.0/0.2	25.0/33.9		-114	
Extra pressure drop					-0	
Fan				5.250	514	
End section					-9	
Damper					-2	
Exhaust air duct					-0	88

Sound power to duct, measured according to ISO 5136
 Noise reduction for function section included to duct.
 Sound power emitted to surroundings, measured according to ISO 3741

Frequency band	63	125	250	500	1k	2k	4k	8k	All	
To supply air duct	84	78	76	74	68	62	55	55	dB	75 dB(A)
To outdoor air duct	81	80	81	69	61	59	58	61	dB	75 dB(A)
To extract air duct	81	80	81	69	61	59	58	61	dB	74 dB(A)
To exhaust air duct	86	81	83	85	82	81	79	79	dB	88 dB(A)
To surroundings	78	70	63	67	52	51	48	51	dB	66 dB(A)

GOLD-Unit with control system

Components are arranged according to airflow direction

Quantity

Supply air

1	<p>Damper, TBSA-4-240-120-1-3</p> <p>Damper motor: Modulating with spring return, 24 V</p> <p>Damper blade: Uninsulated</p> <p>Static pressure drop</p>	1 Pa
1	<p>Connection frame , outdoor air</p> <p>Static pressure drop</p>	1 Pa
1	<p>Filter</p> <p>Filter class ePM10 60% (M5)</p> <p>8x(592x592x520-10)</p> <p>Velocity in the filter section</p> <p>Recommended design pressure drop</p> <p>Initial pressure drop</p> <p>Final pressure drop</p>	<p>2.07 m/s</p> <p>68 Pa</p> <p>34 Pa</p> <p>103 Pa</p>
1	<p>Rotary heat exchanger, GOLD070FRXP01X</p> <p>Rotary heat exchanger of type RECOeconomic MPE</p> <p>Standard aluminium</p> <p>Speed controlled</p> <p>Pressure drop, supply air</p> <p>Pressure drop, extract air</p> <p>Extra pressure drop in extract air side (damper) to ensure the right flow direction</p> <p>Purging flow including leakage</p> <p>Outdoor Air Correction Factor, OACF</p> <p>Exhaust Air Transfer Ratio, EATR</p> <p>Dry temperature efficiency of supply air, winter (76.5% at the same airflow)</p> <p>Dry temperature efficiency of supply air, summer</p> <p>Humidity efficiency, supply air, winter</p> <p>Humidity efficiency, supply air, summer</p>	<p>110 Pa</p> <p>114 Pa</p> <p>0 Pa</p> <p>0.613 m³/s</p> <p>1.11</p> <p>0.5 %</p> <p>74.5 %</p> <p>74.5 %</p> <p>36.5 %</p> <p>0.0 %</p>

Annual energy efficiency, dry conditions 61.9 %

Supply air side, winter	In	Out	
Air temperature	-4.0	12.4	°C
Relative humidity	100	46	%
Heating power		113.61	kW

Extract air side, winter	In	Out	
Air temperature	18.0	0.2	°C
Relative humidity	50	100	%

Supply air side, summer	In	Out	
Air temperature	36.3	27.7	°C
Relative humidity	30	49	%
Cooling power		61.01	kW

Extract air side, summer	In	Out	
Air temperature	25.0	33.9	°C
Relative humidity	50	30	%

1 Recirculation part

Mixing ratio used in the calculation of the unit performance 0 %
 Static pressure drop

1 Fan

Fan of type GOLD Wing+ Fan size: 70
 Withdrawable fan with integrated airflow measurement
 Direct drive with speed controlled EC motor. Efficiency class corresponding to IE5
 Isolated with internal flexible connection and rubber anti-vibration mounting
 Standard connection, internal
 Supply air flow 5.743 m³/s
 The fan system effect is included in the fan performances
 Design static pressure (wet conditions) 719 Pa
 Static pressure rise in the SFPv calculation 623 Pa
 Temperature rise caused by the fan 1.0 °C
 Min speed 250 rpm
 Speed in the SFPv calculation 1,416 rpm
 Design speed 1,476 rpm
 Max speed 1,900 rpm
 Design electric power to motor(s) 6.670 kW
 Electric power to motor(s) in the SFPv calculation 5.850 kW
 Rated motor power/motor 6.500 kW
 Motor option 2
 Motor code DOMEL 749.3.695

Number of fans/motors in the air stream	2
Overall static efficiency drive	61.9 %
Maximum motor efficiency (incl. motor control 92.1%)	95.5 %
Efficiency grade; FMEG, plenum fan, incl. motor control	68.00
Regulation(EU)No 327/2011 overall efficiency	68.5 %
Specific fan power efficiency	1.02 kW/(m ³ /s)

1 Afterfilter in casing, TCFB080G01

Filter class ePM1 85% (F9)	
8x(592x592x520-10)	
Velocity in the filter section	
Recommended design pressure drop	177 Pa
Initial pressure drop	127 Pa
Final pressure drop	227 Pa

1 Cooling coil, water, in casing, TCKA080G01

Article number: 80256805-35	
Valve kit heating/cooling	
Incl. actuator, freeze guard sensor, connection cable and valve (kvs = 40)	
Capacity variant	3
No.of tube rows	5
No.of circuits	35
Nom. pipe connection, coil	65 ext.
Fin spacing	2.5 mm
Cooling	
Pressure drop, dry	72 Pa
Pressure drop, wet	84 Pa
Air velocity	2.18 m/s

	In		Out	
Air temperature	28.6	15.0	°C	
Relative humidity	46	89	%	

Sensible coil capacity	96.58 kW
Required total coil capacity	128.64 kW
Excess capacity of the coil	4 %
Amount of drained water	0.757 l/min

	In		Out	
Liquid temperature	6.0	12.0	°C	

Flow of liquid	5.110 l/s
Liquid pressure drop	28.7 kPa
Liquid volume of the coil	62 l

Nom. pipe connection size, valve	50 DN
Liquid pressure drop, open valve	21.1 kPa

Quantity	Product	Article name
1	Valve kit, heating and cooling	TBVL-3-400-2
1	Drain trap	TBXZ-1-40-3

1 Inspection section in casing, TCIA080G01

Inspection door: Full inspection door, right-hinged
 Length: 565 mm

1 Heating coil, water, in casing, TCLA080G01

Article number: 80641905

Valve kit heating/cooling

Incl. actuator, freeze guard sensor, connection cable and valve (kvs = 25)

Capacity variant	2
No.of tube rows	2
No.of circuits	36
Nom. pipe connection, coil	65 ext.
Fin spacing	2.0 mm
Pressure drop	29 Pa
Air velocity	2.18 m/s

	In	Out	
Air temperature	15.0	21.0	°C
Relative humidity	90	62	%

Required coil capacity	42.33 kW
Excess capacity of the coil	143 %

	In	Out	
Liquid temperature	45.0	40.0	°C

Flow of liquid	2.050 l/s
Liquid pressure drop	3.1 kPa
Liquid volume of the coil	26 l
Nom. pipe connection size, valve	40 DN
Liquid pressure drop, open valve	8.7 kPa

Quantity	Product	Article name
1	Valve kit, heating and cooling	TBVL-3-250-1

1 Connection frame , supply air

Static pressure drop	0 Pa
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Quantity	Extract air							
1	End section, extract air Static pressure drop	6 Pa						
1	Filter Filter class ePM10 60% (M5) 8x(592x592x370-10) Velocity in the filter section Recommended design pressure drop Initial pressure drop Final pressure drop	1.79 m/s 84 Pa 42 Pa 126 Pa						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #008000; color: white;"> <th>Quantity</th> <th>Product</th> <th>Article name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Intake from above, filter</td> <td style="text-align: center;">TBXZ-1-91-80</td> </tr> </tbody> </table>			Quantity	Product	Article name	1	Intake from above, filter	TBXZ-1-91-80
Quantity	Product	Article name						
1	Intake from above, filter	TBXZ-1-91-80						
1	Recirculation part							
1	Rotary heat exchanger, GOLD070FRXP01X Accessories and technical data, see supply air							
1	Fan Fan of type GOLD Wing+ Withdrawable fan with integrated airflow measurement Direct drive with speed controlled EC motor. Efficiency class corresponding to IE5 Isolated with internal flexible connection and rubber anti-vibration mounting Standard connection, internal Extract air flow The fan system effect is included in the fan performances Design static pressure (wet conditions) Static pressure rise in the SFPv calculation Temperature rise caused by the fan Min speed Speed in the SFPv calculation Design speed Max speed Design electric power to motor(s) Electric power to motor(s) in the SFPv calculation Rated motor power/motor Motor option Motor code	Fan size: 70 5.420 m ³ /s 514 Pa 472 Pa 0.7 °C 250 rpm 1,355 rpm 1,382 rpm 1,900 rpm 5.250 kW 4.890 kW 6.500 kW 2 DOMEL 749.3.695						

Number of fans/motors in the air stream	2
Overall static efficiency drive	59.1 %
Maximum motor efficiency (incl. motor control 92.1%)	95.5 %
Efficiency grade; FMEG, plenum fan, incl. motor control	68.00
Regulation(EU)No 327/2011 overall efficiency	68.5 %
Specific fan power efficiency	0.81 kW/(m ³ /s)

1 End section, exhaust air

Static pressure drop	9 Pa
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1 Damper, TBSA-4-180-100-1-1

Damper motor: With spring return	
Damper blade: Uninsulated	
Static pressure drop	2 Pa

Quantity

Accessories

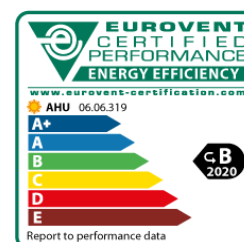
1 Conection kit to GOLD
TBLZ164

1 IQlogic plus (medium)
TBIQ3201

1 ReCO2 Kit
TBLZ251

GOLD F RX
 Manufactured by Swegon, Kvänum, Sweden

Dimensioning data		1 - RX AHU1 - 5.743 Water Coils	
Unit size			070
Air density			1.200 kg/m ³
Supply air flow			5.743 m ³ /s
Static pressure drop	Outdoor air duct		0 Pa
	Supply air duct		450 Pa
Extract air flow			5.420 m ³ /s
Static pressure drop	Extract air duct		500 Pa
	Exhaust air duct		0 Pa
Climate data		London Weather C.,	Great Britain
Weather station, reference		LONDON CITY,	Great Britain
Design outdoor temperature, summer			36.3 °C
Design outdoor humidity, summer			30 %
Design outdoor temperature, winter			-4.0 °C
Design outdoor humidity, winter			100 %
Supply air temperature, summer			15.0 °C
Supply air temperature, winter			21.0 °C



Key Performance Data		
Specific fan power SFPv	With clean filter and including effect of OACF & EATR	2.54 kW/(m ³ /s)
Dry temperature efficiency of supply air, winter		74.5 %
Eurovent Energy Efficiency Class	Summer: B C 2020	Winter: B 2016
Eurovent; Fs_Pref:	Summer: 0.91	Winter: 0.91
ErP Commission Regulation (EU) No 1253/2014		Compliant 2018

Casing	
Construction	Frameless, double skinned panels with mineral wool insulation
Panels	52mm thick with 1mm thick steel sheet inside and out. Outer sheet with grey painted finish
Thermal insulation class	T2
Thermal bridging class	TB2
Casing leakage class	L1(M) / L2(R) according to EN 1886:2007 at -400 Pa and +700 Pa
Casing strength	D1(M)
Hygiene	Compliant with the requirements of VDI 6022

Electrical connections	
GOLD F RX	3-phase, 5-wire, 400 V-10/+15%, 50 Hz, 50 A

Functional sections viewed in the direction of air flow	Velocity m/s	Air Temperature in/out Winter °C	Air Temperature in/out Summer °C	Cooling power, summer kW	Design Pressure drop Pa	Noise Level dB(A)
Outdoor air duct					-0	76
Damper					-1	
Connection frame					-1	
Filter	2.15				-72	
Rotary heat exchanger	2.62	-4.0/12.4	36.3/27.7		-110	
Recirculation part					-	
Fan				8.500	923	
Afterfilter in casing, TCFB080G01					-177	
Cooling coil, water, in casing	2.18		28.9/15.0	130.79	-84	
Inspection section in casing					-	
Heating coil, water, in casing	2.18	15.0/21.0		42.33	-29	
Connection frame					-0	
Supply air duct					-450	76
Extract air duct					-500	76
End section					-6	
Filter	1.79				-84	
Recirculation part					-	
Rotary heat exchanger	2.81	18.0/0.2	25.0/33.9		-120	
Extra pressure drop					-0	
Fan				7.380	721	
End section					-9	
Damper					-2	
Exhaust air duct					-0	90

Sound power to duct, measured according to ISO 5136
 Noise reduction for function section included to duct.
 Sound power emitted to surroundings, measured according to ISO 3741

Frequency band	63	125	250	500	1k	2k	4k	8k	All	
To supply air duct	86	80	78	76	70	64	57	57	dB	76 dB(A)
To outdoor air duct	83	82	83	71	63	61	60	63	dB	76 dB(A)
To extract air duct	83	82	83	71	63	61	60	63	dB	76 dB(A)
To exhaust air duct	88	83	85	87	84	83	81	81	dB	90 dB(A)
To surroundings	80	72	65	69	54	53	50	53	dB	67 dB(A)

GOLD-Unit with control system

Components are arranged according to airflow direction

Quantity

Supply air

1	<p>Damper, TBSA-4-240-120-1-3</p> <p>Damper motor: Modulating with spring return, 24 V</p> <p>Damper blade: Uninsulated</p> <p>Static pressure drop</p>	1 Pa
1	<p>Connection frame , outdoor air</p> <p>Static pressure drop</p>	1 Pa
1	<p>Filter</p> <p>Filter class ePM10 60% (M5)</p> <p>8x(592x592x520-10)</p> <p>Velocity in the filter section</p> <p>Recommended design pressure drop</p> <p>Initial pressure drop</p> <p>Final pressure drop</p>	2.15 m/s 72 Pa 36 Pa 108 Pa
1	<p>Rotary heat exchanger, GOLD070FRXP01X</p> <p>Rotary heat exchanger of type RECOeconomic MPE</p> <p>Standard aluminium</p> <p>Speed controlled</p> <p>Pressure drop, supply air</p> <p>Pressure drop, extract air</p> <p>Extra pressure drop in extract air side (damper) to ensure the right flow direction</p> <p>Purging flow including leakage</p> <p>Outdoor Air Correction Factor, OACF</p> <p>Exhaust Air Transfer Ratio, EATR</p> <p>Dry temperature efficiency of supply air, winter (76.5% at the same airflow)</p> <p>Dry temperature efficiency of supply air, summer</p> <p>Humidity efficiency, supply air, winter</p> <p>Humidity efficiency, supply air, summer</p>	110 Pa 120 Pa 0 Pa 0.870 m ³ /s 1.15 0.5 % 74.5 % 74.5 % 36.5 % 0.0 %

Annual energy efficiency, dry conditions 100.0 %

Supply air side, winter	In	Out	
Air temperature	-4.0	12.4	°C
Relative humidity	100	46	%
Heating power		113.61	kW

Extract air side, winter	In	Out	
Air temperature	18.0	0.2	°C
Relative humidity	50	100	%

Supply air side, summer	In	Out	
Air temperature	36.3	27.7	°C
Relative humidity	30	49	%
Cooling power		61.01	kW

Extract air side, summer	In	Out	
Air temperature	25.0	33.9	°C
Relative humidity	50	30	%

1 Recirculation part

Mixing ratio used in the calculation of the unit performance 0 %
 Static pressure drop

1 Fan

Fan of type GOLD Wing+ Fan size: 70
 Withdrawable fan with integrated airflow measurement
 Direct drive with speed controlled EC motor. Efficiency class corresponding to IE5
 Isolated with internal flexible connection and rubber anti-vibration mounting
 Standard connection, internal
 Supply air flow 5.743 m³/s
 The fan system effect is included in the fan performances
 Design static pressure (wet conditions) 923 Pa
 Static pressure rise in the SFPv calculation 825 Pa
 Temperature rise caused by the fan 1.2 °C
 Min speed 250 rpm
 Speed in the SFPv calculation 1,541 rpm
 Design speed 1,599 rpm
 Max speed 1,900 rpm
 Design electric power to motor(s) 8.500 kW
 Electric power to motor(s) in the SFPv calculation 7.590 kW
 Rated motor power/motor 6.500 kW
 Motor option 2
 Motor code DOMEL 749.3.695

Number of fans/motors in the air stream	2
Overall static efficiency drive	62.3 %
Maximum motor efficiency (incl. motor control 92.1%)	95.5 %
Efficiency grade; FMEG, plenum fan, incl. motor control	68.00
Regulation(EU)No 327/2011 overall efficiency	68.5 %
Specific fan power efficiency	1.32 kW/(m ³ /s)

1 Afterfilter in casing, TCFB080G01

Filter class ePM1 85% (F9)	
8x(592x592x520-10)	
Velocity in the filter section	
Recommended design pressure drop	177 Pa
Initial pressure drop	127 Pa
Final pressure drop	227 Pa

1 Cooling coil, water, in casing, TCKA080G01

Article number: 80256805-35	
Valve kit heating/cooling	
Incl. actuator, freeze guard sensor, connection cable and valve (kvs = 40)	
Capacity variant	3
No.of tube rows	5
No.of circuits	35
Nom. pipe connection, coil	65 ext.
Fin spacing	2.5 mm
Cooling	
Pressure drop, dry	72 Pa
Pressure drop, wet	84 Pa
Air velocity	2.18 m/s

	In		Out	
Air temperature	28.9	15.0	°C	
Relative humidity	45	89	%	

Sensible coil capacity	98.44 kW
Required total coil capacity	130.79 kW
Excess capacity of the coil	3 %
Amount of drained water	0.764 l/min

	In		Out	
Liquid temperature	6.0	12.1	°C	

Flow of liquid	5.110 l/s
Liquid pressure drop	28.4 kPa
Liquid volume of the coil	62 l

Nom. pipe connection size, valve	50 DN
Liquid pressure drop, open valve	21.1 kPa

Quantity	Product	Article name
1	Valve kit, heating and cooling	TBVL-3-400-2
1	Drain trap	TBXZ-1-40-3

1 Inspection section in casing, TCIA080G01

Inspection door: Full inspection door, right-hinged
 Length: 565 mm

1 Heating coil, water, in casing, TCLA080G01

Article number: 80641905

Valve kit heating/cooling

Incl. actuator, freeze guard sensor, connection cable and valve (kvs = 25)

Capacity variant	2
No.of tube rows	2
No.of circuits	36
Nom. pipe connection, coil	65 ext.
Fin spacing	2.0 mm
Pressure drop	29 Pa
Air velocity	2.18 m/s

	In	Out	
Air temperature	15.0	21.0	°C
Relative humidity	90	62	%

Required coil capacity	42.33 kW
Excess capacity of the coil	106 %

	In	Out	
Liquid temperature	45.0	40.0	°C

Flow of liquid	2.040 l/s
Liquid pressure drop	3.1 kPa
Liquid volume of the coil	26 l
Nom. pipe connection size, valve	40 DN
Liquid pressure drop, open valve	8.7 kPa

Quantity	Product	Article name
1	Valve kit, heating and cooling	TBVL-3-250-1

1 Connection frame , supply air

Static pressure drop	0 Pa
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Quantity	Extract air							
1	End section, extract air Static pressure drop	6 Pa						
1	Filter Filter class ePM10 60% (M5) 8x(592x592x370-10) Velocity in the filter section Recommended design pressure drop Initial pressure drop Final pressure drop	1.79 m/s 84 Pa 42 Pa 126 Pa						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #008000; color: white;"> <th style="text-align: left;">Quantity</th> <th style="text-align: left;">Product</th> <th style="text-align: left;">Article name</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Intake from above, filter</td> <td>TBXZ-1-91-80</td> </tr> </tbody> </table>			Quantity	Product	Article name	1	Intake from above, filter	TBXZ-1-91-80
Quantity	Product	Article name						
1	Intake from above, filter	TBXZ-1-91-80						
1	Recirculation part							
1	Rotary heat exchanger, GOLD070FRXP01X Accessories and technical data, see supply air							
1	Fan Fan of type GOLD Wing+ Withdrawable fan with integrated airflow measurement Direct drive with speed controlled EC motor. Efficiency class corresponding to IE5 Isolated with internal flexible connection and rubber anti-vibration mounting Standard connection, internal Extract air flow The fan system effect is included in the fan performances Design static pressure (wet conditions) Static pressure rise in the SFPv calculation Temperature rise caused by the fan Min speed Speed in the SFPv calculation Design speed Max speed Design electric power to motor(s) Electric power to motor(s) in the SFPv calculation Rated motor power/motor Motor option Motor code	Fan size: 70 5.420 m ³ /s 721 Pa 679 Pa 1.0 °C 250 rpm 1,512 rpm 1,537 rpm 1,900 rpm 7.380 kW 7.000 kW 6.500 kW 2 DOMEL 749.3.695						

Number of fans/motors in the air stream	2
Overall static efficiency drive	61.5 %
Maximum motor efficiency (incl. motor control 92.1%)	95.5 %
Efficiency grade; FMEG, plenum fan, incl. motor control	68.00
Regulation(EU)No 327/2011 overall efficiency	68.5 %
Specific fan power efficiency	1.11 kW/(m ³ /s)

1 End section, exhaust air

Static pressure drop	9 Pa
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1 Damper, TBSA-4-180-100-1-1

Damper motor: With spring return	
Damper blade: Uninsulated	
Static pressure drop	2 Pa

Quantity

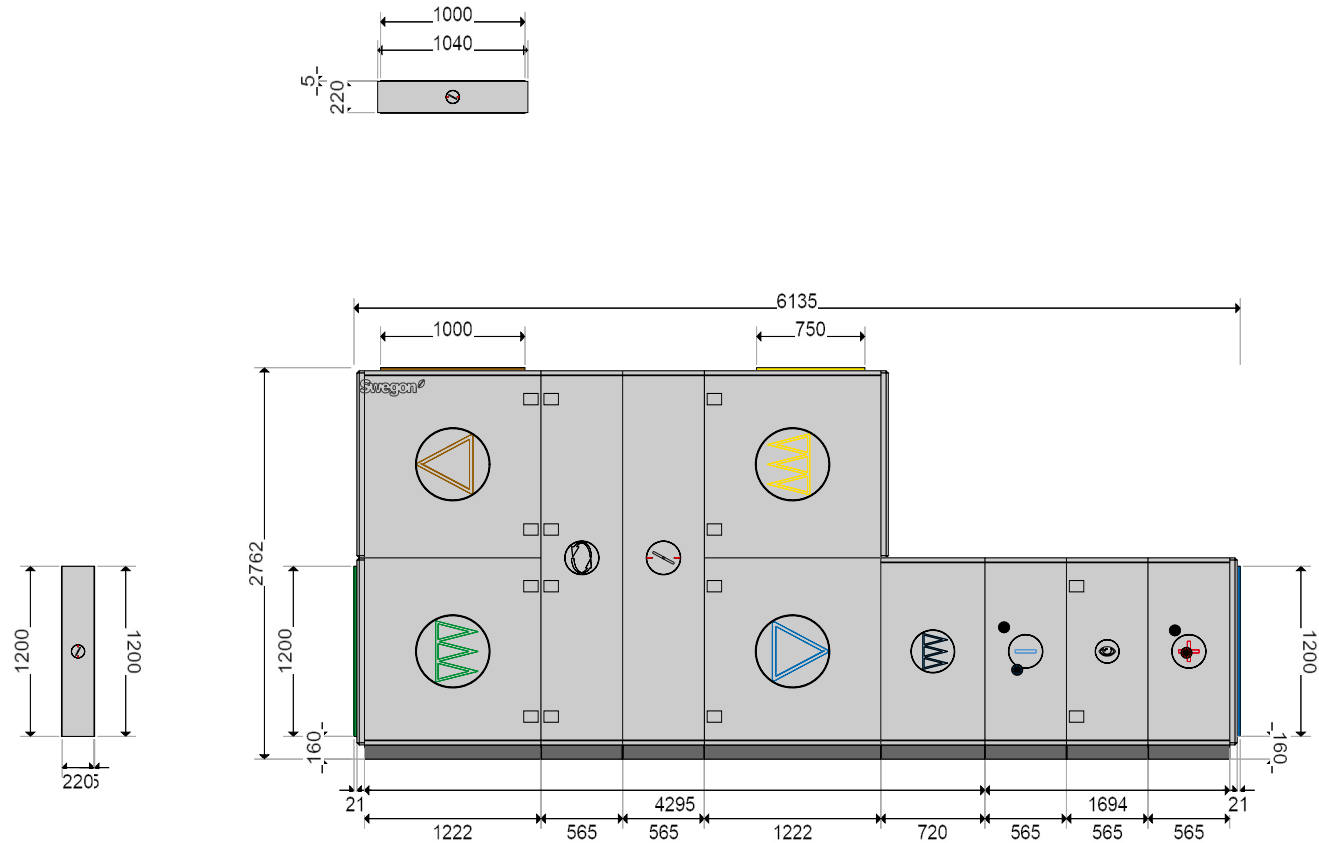
Accessories

1 **Conection kit to GOLD**
TBLZ164

1 **IQlogic plus (medium)**
TBIQ3201

1 **ReCO2 Kit**
TBLZ251

AHU Design
Sketch: Inspection side



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

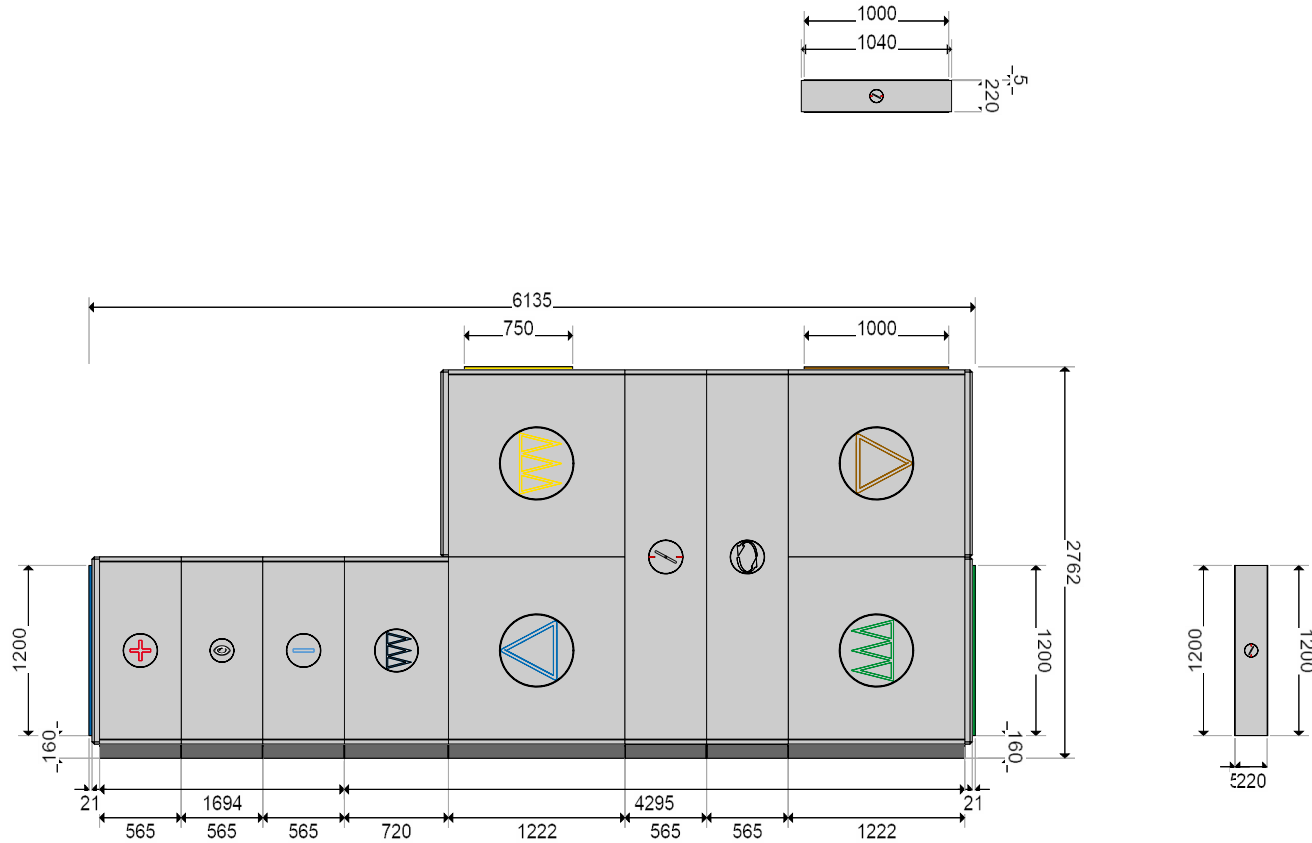
Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air



AHU Design
Sketch: Rear side



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

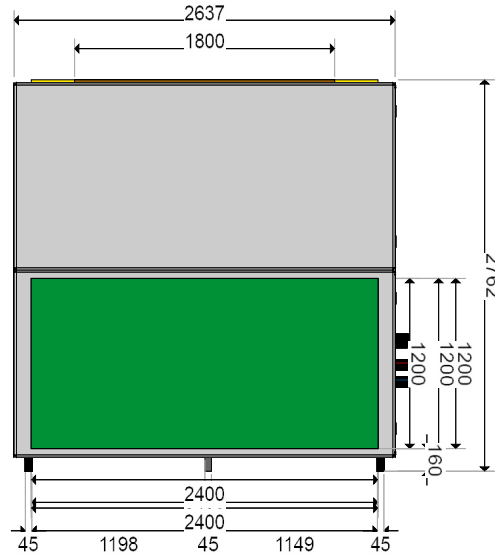
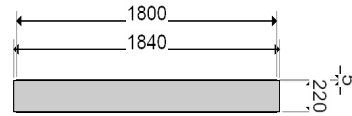
Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air



AHU Design
Sketch: Left-hand



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

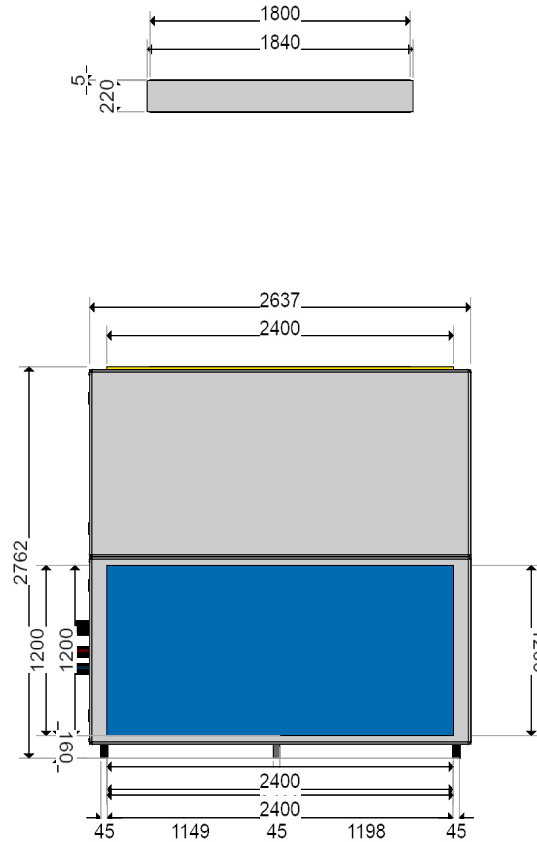
Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air



AHU Design
Sketch: Right-hand



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

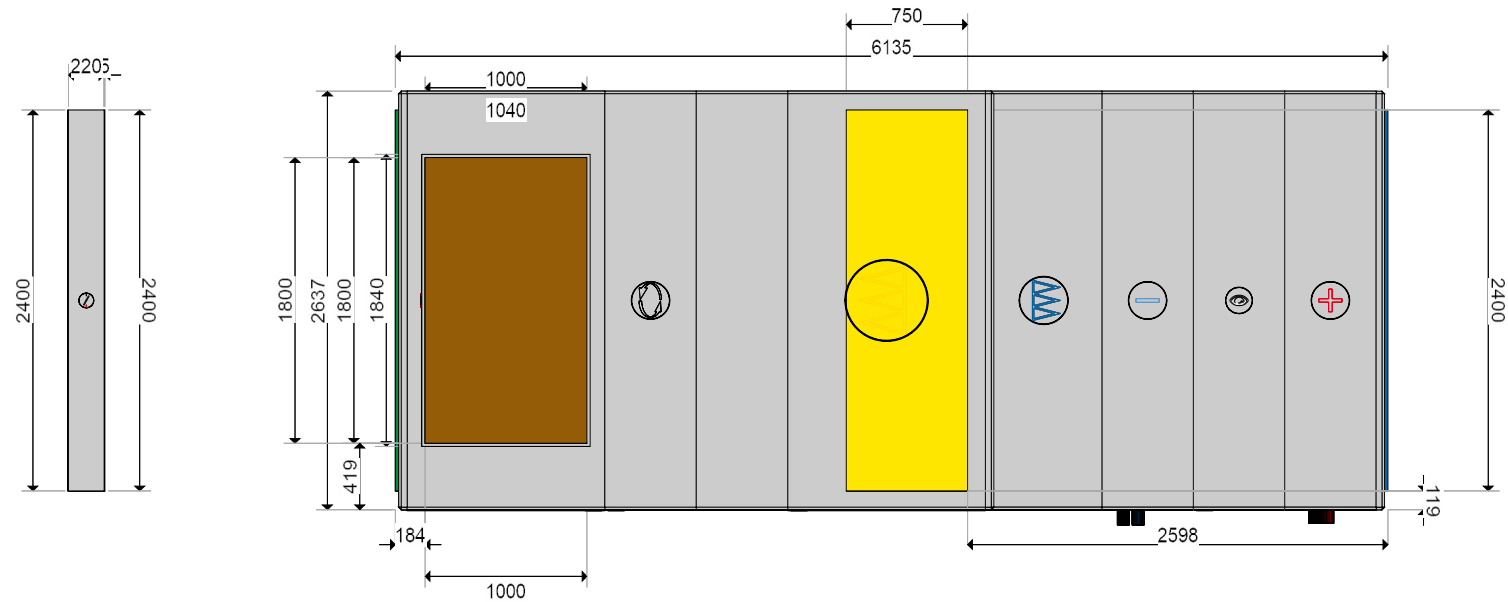
Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air



AHU Design
Sketch: Above



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

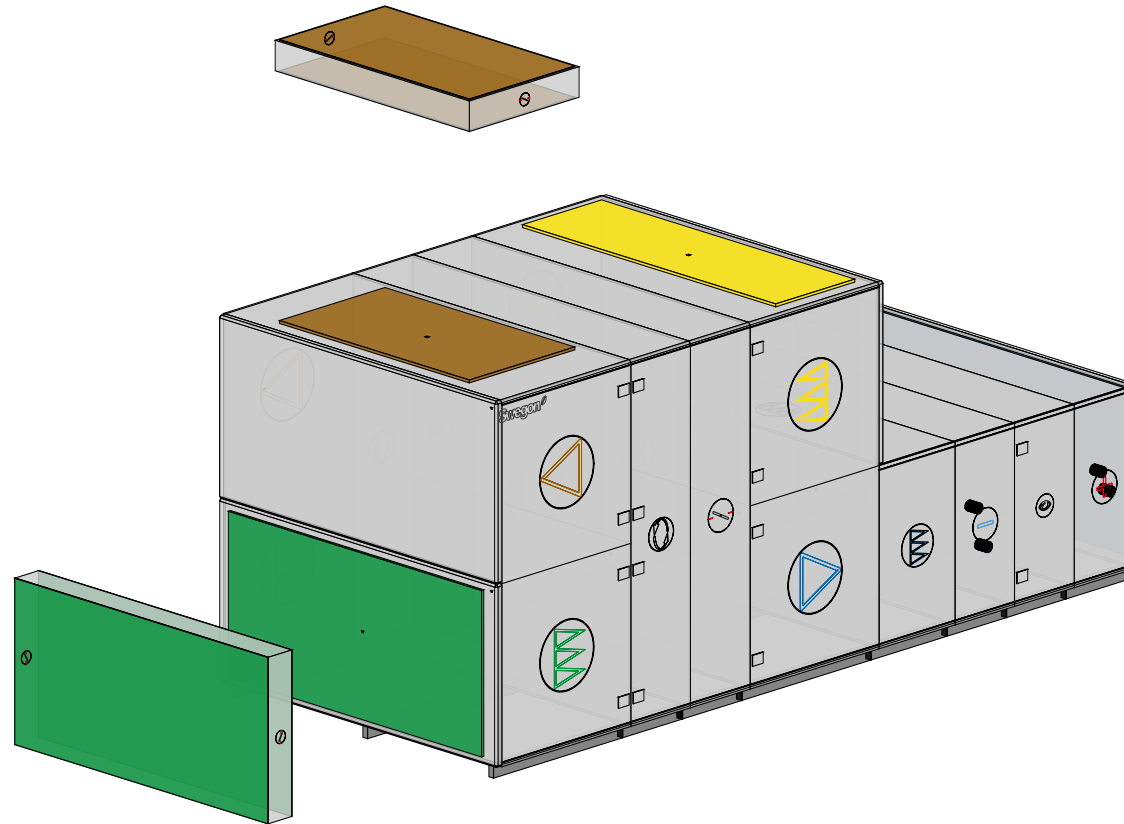
Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air



AHU Design
Sketch: Above left



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

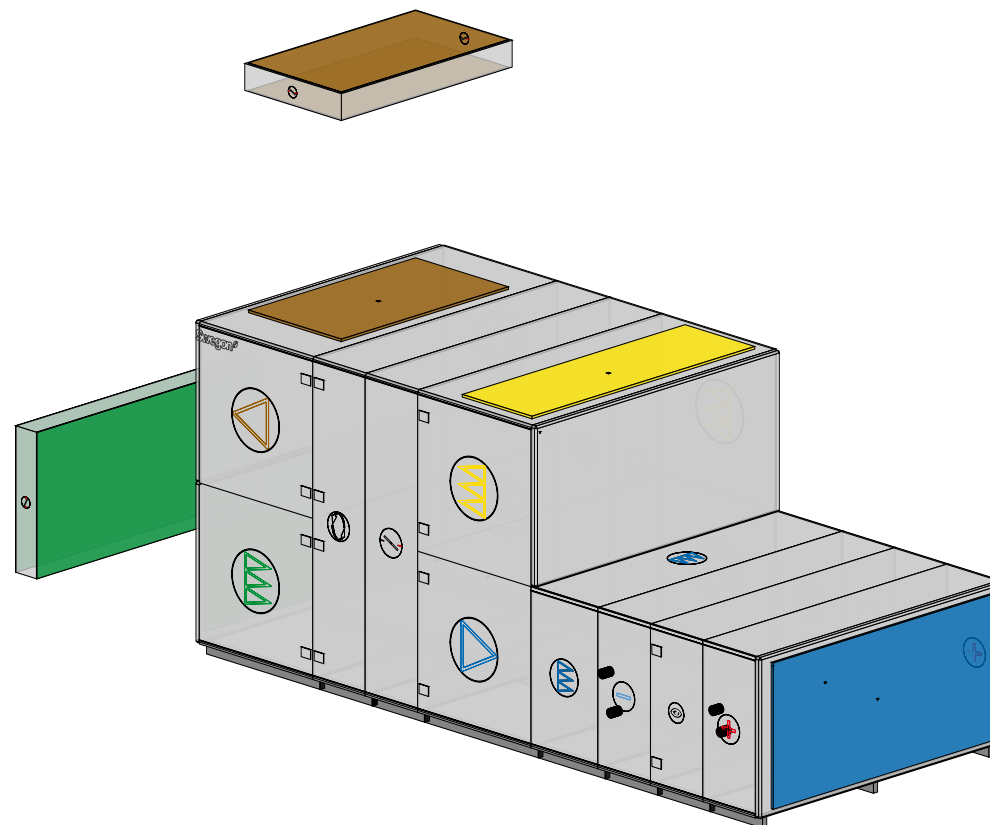
Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air



AHU Design
Sketch: Above right



GOLD F RX	
Unit size	070
Unit weight	3,357 kg
Duct Component Weight	168 kg
Length, max	6,135 mm
Height, max	2,762 mm
Width, max	2,637 mm

Connection size	
extract air	2,400 x 750 mm
exhaust air	1,800 x 1,000 mm
supply air	2,400 x 1,200 mm
outdoor air	2,400 x 1,200 mm

Project: Molton Brown Process
 Unit name: 1 - RX AHU1 - 5.743 Water Coils - RX AHU1 - 5.743 Water Coils
 Unit ID: AD-10001510613
 33 / 1.0.20230621.1110757
 Date: 14/08/2023

- Outdoor air
- Supply air
- Extract air
- Exhaust air

