

Datasheet: 02037626 Position: 762601
Project: W863261 Side: 1 by 10
Location: Date: 29.01.2026
Unit: Tender Position:



REV2: Manual adjustment instead of actuators//No enthalpy control//Supply air connection set 277 mm higher

Clerk: S. Runkel Quantity: 1 Piece
Construction: HYD S Inside installation
Base Frame: inside galvanized 250 mm, 411,41 kg
Base Frame top unit: inside galvanized 120 mm, 187,23 kg
Total Weight: 4350 kg
Thermal Decoupling: T2/TB4
CAL (R)@-400 Pa: 0,327 dm³/(sm²)
CAL (R)@+400 Pa: 0,403 dm³/(sm²)

Klassifizierung gem. ATEX-Richtlinie 2014/34/EU:

Innen: Ex II 3D T3 Zone 22

Außen: zonenfrei

Datasheet: 02037626 **Position:** 762601
Project: W863261 **Side:** 2 by 10
Location: **Date:** 29.01.2026
Unit: **Tender Position:**



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Technical Data Supply Air

Outside Metal Sheet:	mm	1,0 galvanized and painted, RAL 9001	Unit Size:	Special
Inside Metal Sheet:	mm	1,0 V2A (AISI304)	Position of Access Side:	Left
Inside Floor Metal Sheet:	mm	53,0 V2A (AISI304)	Position of Piping Side:	Left
Wall Thickness:	mm	53,0 V2A (AISI304)	Insulation Roof/Floor:	Mineral Wool 99kg/m ³
Dimensions (L x W x H):	mm	6977x1719x1414	Insulation Walls:	Mineral Wool 99kg/m ³
Air velocity:	m/sec	1,91	Class of Velocity:	V3
Weight:	kg	2935	Design:	Standard

(SUP) Air Inlet Section GSP/SS/SS Weight: 243 kg Length: 798 mm Pressure Drop: 40 Pa

Connection:

Layer: Front Side
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes

Damper Size:

Assembly: Inside
Material: Aluminium
 With external linkage and brass bearings, in accordance with ATEX Class 2
Design:
Tightness:
Shaft Position: Outside
Actuator: Manual adjustment
Dimensions (W x H x D): 1362 x 509 x 110

Connection:

Layer: Roof
Material: galvanized
Design: Without
Potential Equalisation: No
Dimensions (W x H): 1365 x 509

Grating: Without

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Condensate Trough: RAL/V2A (AISI304)
Condensate Drain: Yes

Accessories

Item Number	Description	Weight
	Damper ATEX	
	Measuring nipple 1/2" with plug	
	Flexible connector ATEX	
	Siphon SN	



Datasheet: 02037626 Position: 762601
 Project: W863261 Side: 3 by 10
 Location: Date: 29.01.2026
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(SUP) Filter		GSP/SS/SS	Weight: 147 kg	Length: 707 mm	Pressure Drop: 119 Pa
Brand:	ROX		Filter Maintenance:	Dust Air Side	
Spare Filter:	No		Frame:	V2A (AISI304)	
			Manometer:	Wika A2G Mini	
1st Filter step					
Filter Type:	Taschenfilter L		Energy Efficiency Class:	C	
Filter Class EN779:2012:	M5		Filter Surface:	m ²	22,6
Filter Class ISO16890:	ePM10 60%		Medium:	Glass Fibre Hi-Flo	
ΔP Initial:	Pa	38			
ΔP End:	Pa	200			
Max. Pressure Drop:	Pa	250			
ΔP Dim:	Pa	119			
Type/Size/Quantity	HFGS-M5-592x592x600-06-ATEX		592*592*600 mm	4 Piece	
	HFGS-M5-287x592x600-03-ATEX		287*592*600 mm	2 Piece	
Design:	Access Door		Condensate Trough:	RAL/V2A (AISI304)	
Lockers:	Lockers		Condensate Drain:	Yes	
Hinges:	3D-Hinges				
Accessories					
Item Number	Description		Weight		
	Filter ATEX execution				
	Siphon SN				

(SUP) Cooler		GSP/SS/SS	Weight: 535 kg	Length: 635 mm	Pressure Drop: 164 Pa
Brand:	ROX		Type:	CW-ZL.S-4.0-1335-1155-13R-63-Cu0,35-AI0,2-AISI304-1-Cu DN125-E1-9-L-0	
Pipes:	copper		Heat Transfer Medium:	AntifrogenL (34%)	
Fin:	Aluminium		Weight Heat Exchanger:	376,10	
Collector:	copper		Medium		
Frame:	V2A		Flow-Rate:	m ³ /h	64,05
Separation (A x B)	mm		Temp. In:	°C	-2,00
Quantity Pipe Rows:		13	Temp. Out:	°C	4,00
Fin Distance:	mm	4,00	Charge:	l	109,20
Connections:	straight		Flow-Rate:	kg/h	
Connection Inlet:	1xCu DN125		Pressure Drop:	kPa	96,41
Connection Outlet:	1xCu DN125				
Finned height:	mm	1155	Air		
Finned width:	mm	1355	Air Volume:	m ³ /h	14400
Freeze protection:	°C	0,00	Temp. In:	°C	38,00
			Rel. Humidity In:	%	80,00
			Temp. Out:	°C	14,00
			Rel. Humidity out:	%	100,00
			Pressure Drop:	Pa	164
			Capacity:	kW	414,69
Design:	Fixed Panel		Condensate Trough:	RAL/V2A (AISI304)	
Accessories					
Item Number	Description		Weight		
	Screw flanges and counterflanges as weld-on flanges PN16		4		
Hints:	This component is not included in the software Eurovent certified				

Software ALAG
 [17.07.2025]
 Version 1.24/4.2



Management System
 ISO 9001:2015
 www.tuv.com
 ID 0910083041

Datasheet: 02037626 Position: 762601
 Project: W863261 Side: 4 by 10
 Location: Date: 29.01.2026
 Unit: Tender Position:



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(SUP) Droplet Eliminator	GSP/SS/SS	Weight: 86 kg	Length: 370 mm	Pressure Drop: 28 Pa
Brand:	ROX			
Material:	Alu	Guiding Rail:	V2A (AISI304)	
Design:	Access Panel	Condensate Trough:	RAL/V2A (AISI304)	
Lockers:	Lockers	Condensate Drain:	Yes	

Accessories

Item Number	Description	Weight
	Siphon SN	

(SUP) Cooler	GSP/SS/SS	Weight: 466 kg	Length: 545 mm	Pressure Drop: 138 Pa
Brand:	ROX	Type:	CW-ZL.S-3.0-1390-1155-12R-25-Cu0,35-AI0,2-AISI304-1-Cu 2 1/2"-E1-9-L-0	
Pipes:	Copper	Heat Transfer Medium:	AntifrogenL (34%)	
Fin:	Aluminium	Weight Heat Exchanger:	332,20	
Collector:	copper	<u>Medium</u>		
Frame:	V2A	Flow-Rate:	m³/h	16,63
Separation (A x B)	mm	Temp. In:	°C	-2,00
Quantity Pipe Rows:	12	Temp. Out:	°C	4,00
Fin Distance:	mm 3,00	Charge:	l	86,59
Connections:	Gerade	Flow-Rate:	kg/h	
Connection Inlet:	1xCu DN65 2 1/2"	Pressure Drop:	kPa	108,00
Connection Outlet:	1xCu DN65 2 1/2"			
Finned height:	mm 1155	<u>Air</u>		
Finned width:	mm 1390	Air Volume:	m³/h	14400
Freeze protection:	°C -16,00	Temp. In:	°C	14,00
		Rel. Humidity In:	%	100,00
		Temp. Out:	°C	4,00
		Rel. Humidity out:	%	100,00
		Pressure Drop:	Pa	138
		Capacity:	kW	107,76
Design:	Fixed Panel	Condensate Trough:	RAL/V2A (AISI304)	

Accessories

Item Number	Description	Weight
	Screw flanges and counterflanges as weld-on flanges PN16	
Hints:	This component is not included in the software Eurovent certified	

(SUP) Droplet Eliminator	GSP/SS/SS	Weight: 59 kg	Length: 175 mm	Pressure Drop: 28 Pa
Brand:	ROX			
Material:	Alu	Guiding Rail:	V2A (AISI304)	
Design:	Access Panel	Condensate Trough:	RAL/V2A (AISI304)	
Lockers:	Lockers	Condensate Drain:	Yes	

Accessories

Item Number	Description	Weight
	Siphon SN	



Datasheet: 02037626 Position: 762601
 Project: W863261 Side: 5 by 10
 Location: Date: 29.01.2026
 Unit: Tender Position:



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Plate Heat Exchanger GSP/SS/SS Weight: 510 kg Length: 1932 mm Pressure Drop: 182 Pa

Brand: ROX Type: H21200/4.0/E
 Bypass: Without Bypass width: mm -
 Actuator: Without Depth: mm 1593
 AquaSeal No AquaSeal tightness test No

Technical Data Supply Air Extract Air

Operation Point: Winter
 Air Volume: m³/h 14400 14400
 Temp. In: °C 0,00 55,00
 Rel. Humidity In: % 80,00 20,00
 Temp. Out: °C 38,68 22,93
 Rel. Humidity out: % 7,11 99,89
 Heat Recovery wet: % 70,33 58,31
 Heat Recovery dry: % 67,41 67,41
 Humidification / Dehumidification: g/kg 0,00 -2,31
 Pressure Drop wet: Pa 177 183
 Pressure drop standard density: Pa 178 174
 Air Velocity m/s: m/s 1,94 2,33
 Condensate: kg/h 39,31
 Total Capacity: kW 185,18
 Sensible Capacity: kW 0,00
 Latent Capacity: kW 185,18

Operation Point according to EN13053:2020-05

Temp. In: °C 5,00 25,00
 relative humidity %: % 0,00 0,00
 Pressure Drop dry: Pa 175 178
 PeI HR: kW 2,17
 Power Digit: - 29,55
 Energy Efficiency: % 65,13
 electrical Power (auxiliary power): W 0,00
 Heat Recovery: % 67,41
 Heat Recovery Class EN13053:2020-05: - H3
 Heat Recovery Class EN13053:2012-02: - H2

Design: Access Door Condensate Trough: RAL/V2A (AISI304)
 Lockers: Lockers Condensate Drain: Yes
 Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	4 measuring nipples 1/2" with plugs	
	Shaft valve	
	Siphon DS	



Datasheet: 02037626
 Project: W863261
 Location:

Position: 762601
 Side: 6 by 10
 Date: 29.01.2026
 Tender Position:



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(SUP) Heater		GSP/SS/SS	Weight: 437 kg	Length: 325 mm	Pressure Drop: 48 Pa
Brand:		ROX	Type:		D/52/1065/1R/1W/2,0 St vz,36/St vz
Pipes:		Stahl-Verzinkt	Heat Transfer Medium:		Dampf
Fin:		Stahl-Verzinkt	Weight Heat Exchanger:	kg	359,80
Collector:		Stahl-Verzinkt	<u>Medium</u>		
Frame:		Stahl-Verzinkt	Flow-Rate:	m³/h	430,32
Separation (A x B)	mm		Temp. In:	°C	164,89
Quantity Pipe Rows:		1	Temp. Out:	°C	0,00
Fin distance:	mm	2,00	Charge:	l	42,10
Connections:		Gerade	Flow-Rate:	kg/h	
Connection Inlet:		DN40	Druckverlust:	kPa	7,00
Connection Outlet:		DN32			
Finned height:	mm	1065	<u>Luft</u>		
Finned width:	mm	1530	Air Volume:	m³/h	14400
Freeze protection:	°C	0,00	Temp. In:	°C	35,00
Surface Reserve:	%		Temp. Out:	°C	86,00
			Pressure Drop:	Pa	48
			Capacity:	kW	247,20

Design: Fixed Panel

Accessories

Item Number	Description	Weight
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	Weld flange PN 16 Counterflange as weld neck flange PN16	
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Hints: This component is not included in the software Eurovent certified

(SUP) Heater		GSP/SS/SS	Weight: 291 kg	Length: 325 mm	Pressure Drop: 48 Pa
Brand:		ROX	Type:		D52/1065/2R/1W/2,5 ST vz,36/St vz
Pipes:		Stahl-Verzinkt	Heat Transfer Medium:		Dampf
Fin:		stahl-verzinkt	Weight Heat Exchanger:	kg	224,00
Collector:		Stahl-Verzinkt	<u>Medium</u>		
Frame:		Stahl-Verzinkt	Flow-Rate:	m³/h	371,25
Separation (A x B)	mm		Temp. In:	°C	164,89
Quantity Pipe Rows:		2	Temp. Out:	°C	0,00
Fin distance:	mm	2,50	Charge:	l	22,50
Connections:		Gerade	Flow-Rate:	kg/h	
Connection Inlet:		DN40	Druckverlust:	kPa	7,00
Connection Outlet:		DN32			
Finned height:	mm	1065	<u>Luft</u>		
Finned width:	mm	1530	Air Volume:	m³/h	14400
Freeze protection:	°C	0,00	Temp. In:	°C	86,00
Surface Reserve:	%		Temp. Out:	°C	130,00
			Pressure Drop:	Pa	48
			Capacity:	kW	213,27

Design: Fixed Panel

Accessories

Item Number	Description	Weight
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	Weld flange PN 16 Counterflange as weld neck flange PN16	
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Datasheet: 02037626 Position: 762601
Project: W863261 Side: 7 by 10
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(SUP) Air Outlet Section GSP/SS/SS Weight: 161 kg Length: 590 mm Pressure Drop: 15 Pa

Connection:

Layer: Front Side
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes
Dimensions (W x H): 1530 x 600

Grating: Without

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	1 measuring nipple 1/2" with plug	
	Flexible connector, heat-resistant	



Datasheet: 02037626 **Position:** 762601
Project: W863261 **Side:** 8 by 10
Location: **Date:** 29.01.2026
Unit: **Tender Position:**



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Technical Data Extract Air

Outside Metal Sheet:	mm	1,0 galvanized and painted, RAL RAL 9001	Unit Size:	Special
Inside Metal Sheet:	mm	1,0 V2A (AISI304)	Position of Access Side:	Right
Inside Floor Metal Sheet:	mm	53,0 V2A (AISI304)	Position of Piping Side:	Right
Wall Thickness:	mm	53,0 V2A (AISI304)	Insulation Roof/Floor:	Mineral Wool 99kg/m ³
Dimensions (L x W x H):	mm	4855x1719x1109	Insulation Walls:	Mineral Wool 99kg/m ³
Air velocity:	m/sec	2,50	Class of Velocity:	V5
Weight:	kg	791	Design:	Standard

(EXT) Air Inlet Section **GSP/SS/SS** **Weight: 152 kg** **Length: 695 mm** **Pressure Drop: 3 Pa**

Connection:

Layer: Front Side
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes
Dimensions (W x H) 1530 x 600

Grating: Without

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	1 measuring nipple 1/2" with plug	
	Flexible connector ATEX version	

(EXT) Filter **GSP/SS/SS** **Weight: 92 kg** **Length: 545 mm** **Pressure Drop: 127 Pa**

Brand:	ROX	Filter Maintenance:	Dust Air Side
Spare Filter:	No	Frame:	V2A (AISI304)
1st Filter step		Energy Efficiency Class:	C
Filter Type:	Bag filter L	Filter Surface:	m ² 15,9
Filter Class EN779:2012:	M5	Medium:	Glass Fibre Hi-Flo
Filter Class ISO16890:	ePM10 60%		
ΔP Initial:	Pa 54		
ΔP End:	Pa 200		
Max. Pressure Drop:	Pa 250		
ΔP Dim:	Pa 127		
Type/Size/Quantity	HFGS-M5-592x592x600-06-ATEX	592*592*600 mm	2 Piece
	HFGS-M5-592x287x600-06-ATEX	592*287*600 mm	2 Piece
	HFGS-M5-287x592x600-03-ATEX	287*592*600 mm	1 Piece

Design: Fixed Panel

Accessories

Item Number	Description	Weight
	ATEX filter design	



Datasheet: 02037626 **Position:** 762601
Project: W863261 **Side:** 9 by 10
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Unit: **Tender Position:**



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(EXT) Empty section GSP/SS/SS **Weight: 128 kg** **Length: 875 mm** **Pressure Drop: 0 Pa**

Design: Fixed Panel

(EXT) Empty section GSP/SS/SS **Weight: 135 kg** **Length: 976 mm** **Pressure Drop: 0 Pa**

Design: Access Panel
Lockers: Lockers

(EXT) Empty section GSP/SS/SS **Weight: 98 kg** **Length: 695 mm** **Pressure Drop: 0 Pa**

Design: Access Door
Lockers: Lockers
Hinges: 3D-Hinges

Accessories

Item Number	Description	Weight
	1 Silikon Auspresswerkzeug	



Datasheet: 02037626 **Position:** 762601
Project: W863261 **Side:** 10 by 10
Location: **Date:** 29.01.2026
Unit: **Tender Position:**



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(EXT) Air Outlet Section GSP/SS/SS Weight: 186 kg Length: 684 mm Pressure Drop: 80 Pa

Connection:

Layer: Floor
Material: galvanized
Design: Without
Potential Equalisation: Yes

Damper Size:

Assembly: Inside
Material: Aluminium
 With external linkage and brass bearings, in accordance with ATEX
Design:
Tightness: Class 2
Shaft Position: Inside
Actuator: Manual adjustment
Dimensions (W x H x D): 1365 x 509 x 110

Dimensions (W x H) 1365 x 509

Connection:

Layer: Roof
Material: galvanized
Design: Flexible connection
Potential Equalisation: Yes

Damper Size:

Assembly: Inside
Material: Aluminium
 With external linkage and brass bearings, in accordance with ATEX
Design:
Tightness: Class 2
Shaft Position: Inside
Actuator: Manual adjustment
Dimensions (W x H x D): 1365 x 509 x 110

Dimensions (W x H) 1530 x 550

Grating: Without

Design: Fixed Panel

Accessories

Item Number	Description	Weight
.	ATEX version flaps.	
	ATEX flexible connector	
	1 hand gun for foil cartridge included	
	Item number 2097001FK-Hanpistole 70738	

1 hand gun for foil cartridge:
Item number 2097001 FK hand gun 70738

