



POWER MAX BOX



- Indoor thermal modules in cabinet compatible with outdoor installation through optional roof kit
- NEW condensing heat exchanger made of stainless steel
- Total pre-mixing and low polluting emissions: class 6
- Possibility of front cascade up to 1310 kW
- Thermoregulation as standard with optional external probe
- Low-consumption modulating circulating pumps as standard (also with ΔT logic)
- Output modulating and modular adjustment
- Automatic reversal (at adjustable time intervals) of burner ignition order
- Simultaneous management of two circuits: heater, high temperature
- Management of up to 16 zones with optional kit
- Automatic summer/winter switch-over
- Anti-legionella function as standard
- Suitable for remote control management (0-10V input or Modbus) with optional kit
- Flue gas wafer check valve built in the boiler
- Optional kit for conversion to watertight chamber
- Standard equipment: electronic management and control adjustment, hydraulic delivery and return collectors, gas, flue gas and condensate drain collectors
- Availability of a wide range of system accessories
- LPG conversion kit supplied as standard

Pre-mixed open chamber condensing

CODE	LANGUAGE	MODEL	DIMENSIONS H x W x D (mm)	Delivered output 80°/60° max (kW)	Delivered output 50°/30° max (kW)	Furnace output min-max (kW)
INDOOR CABINETS - WITH MODULATING PUMP						
20141085 20162211 20162231 20192701	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 130-2 (1)	1800×900×890	111.4	123.8	13.7-114
20141086 20162212 20162232 20192702	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 160-2 (1)	1800×900×890	134.0	147.8	13.7-136
20141087 20162213 20162233 20192703	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 200-2 (1)	1800×900×890	176.6	194.8	19.4-180
20141088 20162214 20162234 20192704	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 260-2 (1)	1800×900×890	219.6	242.2	22.4-223.2
20141089 20162215 20162235 20192705	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 300-2 (1)(4)	1800×900×890	258.0	284.2	26.3-262

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Pre-mixed open chamber condensing

CODE	LANGUAGE	MODEL	DIMENSIONS H × W × D (mm)	Delivered output 80°/60° max (kW)	Delivered output 50°/30° max (kW)	Furnace output min-max (kW)
20141090 20162216 20162236 20192706	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 330-3 ⁽²⁾	1800×1800×890	285.9	315.3	19.4-291
20141091 20162217 20162237 20192707	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 390-3 ⁽²⁾	1800×1800×890	329.4	363.6	22.4-334.8
20141092 20162218 20162238 20192708	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 450-3 ⁽²⁾⁽⁴⁾	1800×1800×890	387.0	426.3	26.3-393
20141093 20162219 20162239 20192709	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 520-4 ⁽³⁾	1800×1800×890	439.2	484.4	22.4-446.4
20141095 20162220 20162240 20192710	IT / EN PL / RO ES / SI / CR HU	POWER MAX BOX 600-4 ⁽³⁾⁽⁴⁾	1800×1800×890	516.0	568.4	26.3-524

Delivery time for products and accessories if not available in stock: up to 30 working days from order validation date.

(1) Model with 2 heating elements

(2) Model with 3 heating elements

(3) Model with 4 heating elements

(4) Models that can be used for cascade systems

ATTENTION:

Every model is available under different codes, according to the documentation language/s of the instruction manual supplied with the product.

Please select the right code of your model according to the documentation language you need:

- IT / EN (Italian / English)

- PL / RO (Polish / Romanian)

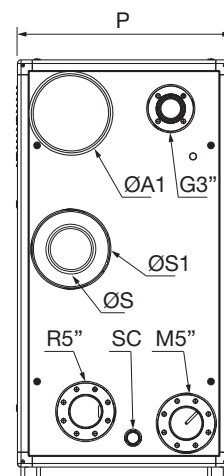
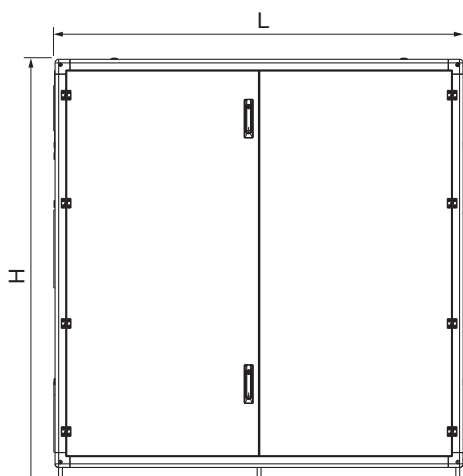
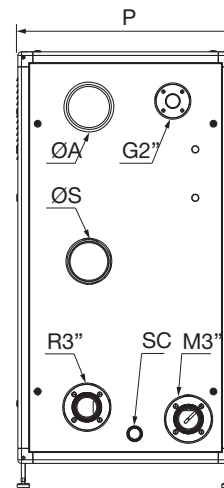
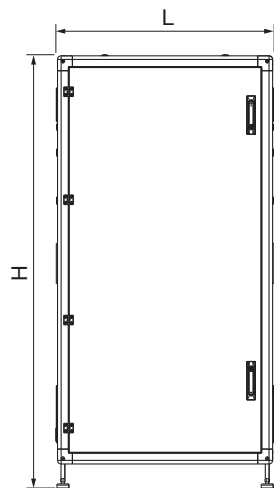
- ES / SI / CR (Spanish / Slovenian / Croatian)

- HU (Hungarian)

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Technical drawings

MODEL	DIMENSIONS H×L×D (mm)	ØA (optional) (mm)	ØS (mm)	ØM	ØR	Net weight (kg)
POWER MAX BOX 130-2 P	1800x900x890	160	160	3"	3"	270
POWER MAX BOX 160-2 P	1800x900x890	160	160	3"	3"	270
POWER MAX BOX 200-2 P	1800x900x890	160	160	3"	3"	280
POWER MAX BOX 260-2 P	1800x900x890	160	160	3"	3"	300
POWER MAX BOX 300-2 P	1800x900x890	160 (300)	160 (300)	5"	5"	350
POWER MAX BOX 330-3 P	1800x1700x890	160	160	3"	3"	450
POWER MAX BOX 390-3 P	1800x1700x890	160	160	3"	3"	490
POWER MAX BOX 450-3 P	1800x1700x890	160 (300)	160 (300)	5"	5"	540
POWER MAX BOX 520-4 P	1800x1700x890	160	160	3"	3"	560
POWER MAX BOX 600-4 P	1800x1700x890	160 (300)	160 (300)	5"	5"	600



G = GAS
M= DELIVERY
R= RETURN
SC = CONDENSATE DRAIN

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System configuration

GUIDE TO SYSTEM CONFIGURATION AND SELECTION OF ACCESSORIES



1. BOILER CONFIGURATION

2. SEALED COMBUSTION TRANSFORMATION KIT (TYPE C)

3. HYDRAULIC INTERCEPTION OF THERMAL MODULES

4. MANIFOLDS, SAFETY KITS AND HYDRAULIC ACCESSORIES

5. HYDRAULIC SEPARATORS/PLATE HEAT EXCHANGERS*

6. AUXILIARY ACCESSORIES FOR TECHNICAL BOX

7. AUXILIARY ACCESSORIES FOR OUTDOOR INSTALLATION

8. SECONDARY CIRCUIT MANAGEMENT ACCESSORIES

9. TREATMENT SYSTEMS FOR CONDENSATE NEUTRALISATION

(*) Configurations with plate heat exchangers: see the product SP - Inspectable plate heat exchanger, section SYSTEM COMPLEMENTARY ITEMS.



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1. Boiler configuration

Output obtainable with STAND ALONE installation

Model	POWER MAX BOX									
	130-2 P	160-2 P	200-2 P	260-2 P	300-2 P	330-3 P	390-3 P	450-3 P	520-4 P	600-4 P
Heat Input Boiler kW	114	136	180	224	262	291	336	393	448	524

Output obtainable with CASCADE SYSTEM installation

Model	Power kW	POWER MAX BOX									
		130-2 P	160-2 P	200-2 P	260-2 P	300-2 P	330-3 P	390-3 P	450-3 P	520-4 P	600-4 P
POWER MAX BOX 750	655					1			1		
POWER MAX BOX 900	786					1					1
POWER MAX BOX 1050	917								1		1
POWER MAX BOX 1200	1048										2
POWER MAX BOX 1350	1179					1			1		1
POWER MAX BOX 1500	1310					1					2

2. Sealed combustion transformation kit (type c)

CODE	DESCRIPTION
20145144	Adapter Ø50/80 mm
20145141	Air tube kit for fan/collector connection Ø160 mm
20145137	Air tube kit for fan/collector connection Ø300 mm
20145185	Air collector for models Ø160 mm - for models with 2 thermal modules
20145186	Air collector for models Ø160 mm - for models with 3/4 thermal modules
20145187	Air collector for models Ø300 mm - for models with 2 thermal modules
20145189	Air collector for models Ø300 mm - for models with 3/4 thermal modules

Selection table of code quantities according to the cabinet model for watertight conversion

Model	20145144	20145141	20145137	20145185	20145186	20145187	20145189
POWER MAX BOX 130-2 P	2x•	2x•		1x•			
POWER MAX BOX 160-2 P	2x•	2x•		1x•			
POWER MAX BOX 200-2 P		2x•		1x•			
POWER MAX BOX 260-2 P		2x•		1x•			
POWER MAX BOX 300-2 P			2x•			1x•	
POWER MAX BOX 330-3 P		3x•					
POWER MAX BOX 390-3 P		3x•					
POWER MAX BOX 450-3 P			3x•				1x•
POWER MAX BOX 520-4 P		4x•					
POWER MAX BOX 600-4 P			4x•				1x•
POWER MAX BOX 750			5x•			1x•	1x•
POWER MAX BOX 900			6x•			1x•	1x•
POWER MAX BOX 1050			7x•				2x•
POWER MAX BOX 1200			8x•				2x•
POWER MAX BOX 1350			9x•			1x•	2x•
POWER MAX BOX 1500			10x•			1x•	2x•

HYBRID SYSTEMS
 HEAT PUMPS
 WALL HUNG BOILERS
 WATER-HEATERS
 SOLAR THERMAL UNIT AND CYLINDERS
 CENTRALIZED HEATING
 AIR CONDITIONING
 TERMINAL UNITS
 SYSTEM COMPLEMENTARY ITEMS

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3. Hydraulic interception of thermal modules

CODE	DESCRIPTION
20145170	Hydraulic shut-off kit for single unit with 3-way valve with discharge to atmosphere ⁽¹⁾

⁽¹⁾ To be ordered in the same number as the number of units in the system

4. Manifolds, safety kits and hydraulic accessories

CODE	DESCRIPTION
20157593	Junction kit for cascade (Fume Ø300 - Air Ø300 - Condensation Ø50)
20145237	SJunction kit for cascade with spacer (150 mm) ⁽¹⁾
20071190	Safety kit ⁽²⁾
20023104	Safety valve up to 460 kW (5.4 bar ØG.¾" F)
20023106	Safety valve up to 580 kW (5.4 bar ØG.1" F)
20009486	Fuel shut-off valve kit (VIC) - ØG.1" ⁽³⁾⁽⁴⁾
20009482	Fuel shut-off valve kit (VIC) - ØG.1" ½ ⁽⁴⁾⁽⁵⁾
20009483	Fuel shut-off valve kit (VIC) - ØG.2" ⁽⁴⁾⁽⁶⁾
20061640	Fuel shut-off valve kit (VIC) - ØG.3" ⁽⁴⁾⁽⁷⁾
20145184	Flanged 3"/2" reduction kit (DN80/DN50)
20094187	Flange kit 2" DN50 PN6 - Gas 2" F
20161191	Flange kit 3" DN80 PN6 - 3" DN80 PN16
20146852	Flanged DN80 to threaded ØG.2" adapter kit for fuel shut-off valve
20145183	Flanged reduction kit DN125/DN80
20147990	2" - 1" ½ gas adapter for VIC valve
20147994	2" - 1" gas adapter for VIC valve
20070903	3" closing plugs kit ⁽⁸⁾
20070907	5" closing plugs kit ⁽⁸⁾
20082190	Flange kit 3"
20082191	Flange kit 5"
20167872	Extension kit 3" ⁽⁹⁾⁽¹¹⁾
20167873	Extension kit 5" ⁽¹⁰⁾⁽¹¹⁾
20145172	Hydraulic flow manifold 3"
20145177	Hydraulic flow manifold 5"
20145181	Hydraulic return manifold 3"
20145182	Hydraulic return manifold 5"

⁽¹⁾ Includes connections H2O 5" - Gas 3" - Flue gas Ø300 - Condensate Ø50.

⁽²⁾ Does not include safety valve and fuel shut-off valve.

⁽³⁾ Recommended up to maximum output of 131 kW, calculated considering gas supply pressure = 20 mbar.

⁽⁴⁾ Tripping temperature at 97 °C - Capillary length 5 m.

⁽⁵⁾ Recommended up to maximum output of 230 kW, calculated considering gas supply pressure = 20 mbar.

⁽⁶⁾ Recommended up to maximum output of 580 kW, calculated considering gas supply pressure = 20 mbar.

⁽⁷⁾ Recommended up to maximum output of 1310 kW, calculated considering gas supply pressure = 20 mbar.

⁽⁸⁾ Kit to close the unused side.

⁽⁹⁾ To be installed in case of remote primary/secondary circuit interface with or without technical cabinet up to 485 kW

⁽¹⁰⁾ To be installed in case of remote primary/secondary circuit interface with or without technical cabinet up to 1310 kW

⁽¹¹⁾ Specific sleeves are provided on the delivery tube for housing devices

Note: for calculation of maximum permissible output of VICs with supply pressure other than 20 mbar, please contact the pre-sales service.

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5. Hydraulic separators/plate heat exchangers*

CODE	DESCRIPTION
20145255	Hydraulic separator, 3" connections (up to 485 kW)
20145260	Hydraulic separator, 5" connections (up to 1310 kW)
20145252	LH technical cabinet with hydraulic separator (up to 485 kW) ⁽¹⁾
20145254	LH technical cabinet with hydraulic separator (up to 1310 kW) ^{(D)(1)}
20145247	RH technical cabinet with hydraulic separator (up to 485 kW) ⁽¹⁾
20145250	RH technical cabinet with hydraulic separator (up to 1310 kW) ^{(D)(1)}
20146827	Connection kit for plate exchanger DN80/DN50
20146828	Connection kit for plate exchanger DN125/DN65
20146829	Connection kit for plate exchanger DN125/DN100
20146833	LH technical cabinet for plate exchanger (up to 485 kW)
20146835	LH technical cabinet for plate exchanger (up to 800 kW) ^(D)
20146836	LH technical cabinet for plate exchanger (up to 1310 kW) ^(D)
20146830	RH technical cabinet for plate exchanger (up to 485 kW)
20146831	RH technical cabinet for plate exchanger (up to 800 kW) ^(D)
20146832	RH technical cabinet for plate exchanger (up to 1310 kW) ^(D)
20158562	RH/LH technical cabinet for housing 3" extension kit (270/485 kW) ^(D)
20158564	RH/LH technical cabinet for housing 5" extension kit (580/1310 kW) ^(D)

^(D) Availability of the material at our warehouse: 25 working days from the order validation date.

⁽¹⁾ They contain the hydraulic separator.

(*) Configurations with plate heat exchangers: see the product SP - Inspectable plate heat exchanger, section SYSTEM COMPLEMENTARY ITEMS.

Selection table for closing caps, weld-in flanges and hydraulic reductions

Model	Flanged 5"/3" reduction kit (DN125/DN80)	Closing 3" cap kit	Closing 5" cap kit	Weld-in 3" flange kit	Weld-in 5" flange kit
	20145183	20070903	20070907	20082190	20082191
POWER MAX BOX 130-2 P		1x●		2x●	
POWER MAX BOX 160-2 P		1x●		2x●	
POWER MAX BOX 200-2 P		1x●		2x●	
POWER MAX BOX 260-2 P		1x●		2x●	
POWER MAX BOX 300-2 P	2x●(*)		1x●	2x●	
POWER MAX BOX 330-3 P		1x●		2x●	
POWER MAX BOX 390-3 P		1x●		2x●	
POWER MAX BOX 450-3 P	2x●(*)		1x●	2x●	
POWER MAX BOX 520-4 P		1x●		2x●	
POWER MAX BOX 600-4 P			1x●		2x●
POWER MAX BOX 750			1x●		2x●
POWER MAX BOX 900			1x●		2x●
POWER MAX BOX 1050			1x●		2x●
POWER MAX BOX 1200			1x●		2x●
POWER MAX BOX 1350			1x●		2x●
POWER MAX BOX 1500			1x●		2x●

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Selection table for safety devices

Model	Safety devices		Safety valves					Fuel shut-off valves									
	MANDATORY ACCESSORIES													ACCESSORIES TO BE SELECTED ACCORDING TO THE INSTALLATION			
	MANDATORY ACCESSORIES safety device kit	Safety valve up to 460 kW (5.4 bar ØG. 3/4" F)	Safety valve up to 580 kW (5.4 bar ØG. 1" F)	Fuel shut-off valve - ØG. 1"	Fuel shut-off valve - ØG. 1" 1/2	Fuel shut-off valve - ØG. 2"	Fuel shut-off valve - ØG. 3"	Without technical cabinet			With separator/exchanger technical cabinet						
								Fanged 3"/2" reduction kit (DN80/DN50)	DN50PN6 2" - 2" G.F flange kit	Flange kit 3" DN80 PN6 - 3" - DN80 PN16	Flanged 3"/2" reduction kit (DN80/DN50)	Flanged DN80/threaded ØG. 2" adapter kit for fuel shut-off valve					
	20071190	20023104	20023106	20009486	20009482	20009483	20061640	20145184	20094187	20161191	20145184	20146852					
POWER MAX BOX 130-2 P	1x●	1x●		1x●					1x●								
POWER MAX BOX 160-2 P	1x●	1x●			1x●				1x●								
POWER MAX BOX 200-2 P	1x●	1x●			1x●				1x●								
POWER MAX BOX 260-2 P	1x●	1x●			1x●				1x●								
POWER MAX BOX 300-2 P	1x●	1x●				1x●		1x●	1x●		1x●						
POWER MAX BOX 330-3 P	1x●	1x●				1x●		1x●	1x●								
POWER MAX BOX 390-3 P	1x●	1x●				1x●		1x●	1x●								
POWER MAX BOX 450-3 P	1x●	1x●				1x●		1x●	1x●		1x●						
POWER MAX BOX 520-4 P	1x●	1x●				1x●		1x●	1x●								
POWER MAX BOX 600-4 P	1x●		1x●			1x●		1x●	1x●				1x●				
POWER MAX BOX 750	1x●	2x●					1x●			1x●							
POWER MAX BOX 900	1x●	2x●					1x●			1x●							
POWER MAX BOX 1050	1x●	2x●					1x●			1x●							
POWER MAX BOX 1200	1x●	3x●					1x●			1x●							
POWER MAX BOX 1350	1x●	3x●					1x●			1x●							
POWER MAX BOX 1500	1x●	3x●					1x●			1x●							

Extension kit selection table

Model	WITH/WITHOUT TECHNICAL CABINET			WITH TECHNICAL CABINET		
	3" straight extension kit with pockets	5" straight extension kit with pockets	RH/LH technical cabinet for housing 3" extension kit	RH/LH technical cabinet for housing 5" extension kit	Gas adapter 2" - 1" and 1/2 for fuel shut-off valve	Gas adapter 2" - 1" for fuel shut-off valve
	20167872	20167873	20158562	20158564	20147990	20147994
POWER MAX BOX 114-2	●		●		●	
POWER MAX BOX 140-2	●		●			●
POWER MAX BOX 180-2	●		●			●
POWER MAX BOX 230-2	●		●			●
POWER MAX BOX 270-2	●		●			
POWER MAX BOX 300-3	●		●			
POWER MAX BOX 345-3	●		●			
POWER MAX BOX 405-3	●		●			
POWER MAX BOX 460-4	●		●			
POWER MAX BOX 540-4		●		●		
POWER MAX BOX 675		●		●		
POWER MAX BOX 810		●		●		
POWER MAX BOX 945		●		●		
POWER MAX BOX 1080		●		●		
POWER MAX BOX 1215		●		●		
POWER MAX BOX 1350		●		●		
POWER MAX BOX 1500		●		●		

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Technical cabinet selection table for extension housing

Model	RH/LH technical cabinet for housing 3" extension kit		RH/LH technical cabinet for housing 5" extension kit	
	20158562		20158564	
POWER MAX BOX 130-2 P		•		
POWER MAX BOX 160-2 P		•		
POWER MAX BOX 200-2 P		•		
POWER MAX BOX 260-2 P		•		
POWER MAX BOX 300-2 P		•		
POWER MAX BOX 330-3 P		•		
POWER MAX BOX 390-3 P		•		
POWER MAX BOX 450-3 P		•		
POWER MAX BOX 520-4 P		•		
POWER MAX BOX 600-4 P				•
POWER MAX BOX 750				•
POWER MAX BOX 900				•
POWER MAX BOX 1050				•
POWER MAX BOX 1200				•
POWER MAX BOX 1350				•
POWER MAX BOX 1500				•

Hydraulic separator and hydraulic accessories selection table

Model	Without technical cabinet						With technical cabinet				
	Left/right side installation						Installation left side		Installation right side		
	3" connections up to 485 kW	5" connections up to 1310 kW	3" delivery stub pipe kit	5" delivery stub pipe kit	3" return stub pipe kit	5" return stub pipe kit	B2B cascade hydraulic connection kit	LH technical cabinet for hydraulic separator up to 485 kW	LH technical cabinet for hydraulic separator up to 1310 kW	RH technical cabinet for hydraulic separator up to 485 kW	RH technical cabinet for hydraulic separator up to 1310 kW
20145255	20145260	20145172	20145177	20145181	20145182	20162865	20145252	20145254	20145247	20145250	
POWER MAX BOX 130-2 P	•		•		•		•		•		
POWER MAX BOX 160-2 P	•		•		•		•		•		
POWER MAX BOX 200-2 P	•		•		•		•		•		
POWER MAX BOX 260-2 P	•		•		•		•		•		
POWER MAX BOX 300-2 P	•		•		•		•		•		
POWER MAX BOX 330-3 P	•		•		•		•		•		
POWER MAX BOX 390-3 P	•		•		•		•		•		
POWER MAX BOX 450-3 P	•		•		•		•		•		
POWER MAX BOX 520-4 P	•		•		•		•		•		
POWER MAX BOX 600-4 P		•		•		•		•		•	
POWER MAX BOX 750		•		•		•		•		•	
POWER MAX BOX 900		•		•		•		•		•	
POWER MAX BOX 1050		•		•		•		•		•	
POWER MAX BOX 1200		•		•		•		•		•	
POWER MAX BOX 1350		•		•		•		•		•	
POWER MAX BOX 1500		•		•		•		•		•	

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Hydraulic accessories selection table for plate exchanger installation

	Without technical cabinet			With technical cabinet					
				Left side installation			Right side installation		
	Connection kit for plate exchanger DN80 (Ø3")/DN50	Connection kit for plate exchanger DN125 (Ø5")/DN65	Connection kit for plate exchanger DN125 (Ø5")/DN100	LH technical cabinet for plate exchanger up to 485 kW	LH technical cabinet for plate exchanger up to 800 kW	LH technical cabinet for plate exchanger up to 1310 kW	"RH technical cabinet for plate exchanger up to 485 kW"	RH technical cabinet for plate exchanger up to 800 kW	RH technical cabinet for plate exchanger up to 1310 kW
Model	20146827	20146828	20146829	20146833	20146835	20146836	20146830	20146831	20146832
POWER MAX BOX 130-2 P	•			•			•		
POWER MAX BOX 160-2 P	•			•			•		
POWER MAX BOX 200-2 P	•			•			•		
POWER MAX BOX 260-2 P	•			•			•		
POWER MAX BOX 300-2 P	•			•			•		
POWER MAX BOX 330-3 P	•			•			•		
POWER MAX BOX 390-3 P	•			•			•		
POWER MAX BOX 450-3 P	•			•			•		
POWER MAX BOX 520-4 P	•			•			•		
POWER MAX BOX 600-4 P		•			•			•	
POWER MAX BOX 750		•			•			•	
POWER MAX BOX 900		•			•			•	
POWER MAX BOX 1050			•			•			•
POWER MAX BOX 1200			•			•			•
POWER MAX BOX 1350			•			•			•
POWER MAX BOX 1500			•			•			•

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6. Auxiliary accessories for technical box

CODE	DESCRIPTION
20147030	Technical cabinet air/flue gas collector L = 900 mm Ø160 mm ⁽¹⁾
20147028	Technical cabinet air/flue gas collector L = 900 mm Ø300 mm ⁽¹⁾
20157595	Technical cabinet air/flue gas collector L = 1800 mm Ø160 mm ⁽¹⁾
20157598	Technical cabinet air/flue gas collector L = 1800 mm Ø300 mm ⁽¹⁾
20157599	Technical cabinet flue gas "S" collector L = 1800 mm Ø300 mm (SP60-DN100) ⁽¹⁾
20146844	Top lifting kit
20146845	Moving wheel kit ⁽²⁾
20146846	Internal light kit for emergency and service

⁽¹⁾ To be used as indicated in the tables below.

⁽²⁾ To be used during installation.

Open chamber boiler configuration

Selection table	Flue gas exhaust side	Technical cabinet side
Table A	RH	RH
	LH	LH
Collectors not required	LH	RH
	RH	LH

Watertight chamber boiler configuration

Selection table	Flue gas exhaust side	Air intake side	Technical cabinet side
Table A	RH	RH	RH
	LH	LH	LH
Table B	LH	RH	RH
	RH	LH	LH
	RH	LH	LH
	LH	RH	RH
Collectors not required	LH	LH	RH
	RH	RH	LH

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Table A

Air/flue gas collector code and number	Technical cabinet for housing of extensions or empty technical cabinet				Technical cabinet for hydraulic separator				Technical cabinet for heat exchanger					
	Open chamber		Water-tight chamber		Open chamber		Water-tight chamber		Open chamber			Water-tight chamber		
Type of chamber	20147030	20147028	20147030	20147028	20147030	20147028	20147030	20147028	20157595	20157598	20157599	20157595	20157598	20157599
POWER MAX BOX 130-2 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 160-2 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 200-2 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 260-2 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 300-2 P (*)	1x●				1x●				1x●					
POWER MAX BOX 330-3 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 390-3 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 450-3 P (*)	1x●				1x●				1x●					
POWER MAX BOX 520-4 P	1x●		2x●		1x●		2x●		1x●			2x●		
POWER MAX BOX 600-4 P		1x●		2x●		1x●		2x●		1x●			2x●	
POWER MAX BOX 750		1x●		2x●		1x●		2x●		1x●			2x●	
POWER MAX BOX 900		1x●		2x●		1x●		2x●		1x●			2x●	
POWER MAX BOX 1050		1x●		2x●		1x●		2x●			1x●			(**)
POWER MAX BOX 1200		1x●		2x●		1x●		2x●			1x●			(**)
POWER MAX BOX 1350		1x●		2x●		1x●		2x●			1x●			(**)
POWER MAX BOX 1500		1x●		2x●		1x●		2x●			1x●			(**)

NOTE: to be used only if the outlet on flue gas side is the same as the outlet on the hydraulic side

(*) Flue gas exhaust/air intake on technical cabinet side not available in case of watertight installation, air intake on the boiler side mandatory.

(**) In case of technical cabinet with heat exchanger and watertight installation, the air intake must be on the machine side and not on the technical cabinet side.

In this case, also for the pump technical cabinet, if present, it is necessary to use only one code 20147028.

Table B

Air/flue gas collector code and number	Technical cabinet for housing of extensions or empty technical cabinet				Technical cabinet for hydraulic separator				Technical cabinet for heat exchanger					
	Open chamber		Water-tight chamber		Open chamber		Water-tight chamber		Open chamber			Water-tight chamber		
Type of chamber	20147030	20147028	20147030	20147028	20147030	20147028	20147030	20147028	20157595	20157598	20157599	20157595	20157598	20157599
POWER MAX BOX 130-2 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 160-2 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 200-2 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 260-2 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 300-2 P (*)	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 330-3 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 390-3 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 450-3 P (*)	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 520-4 P	1x●		1x●		1x●		1x●		1x●			1x●		
POWER MAX BOX 600-4 P		1x●		1x●		1x●		1x●		1x●			1x●	
POWER MAX BOX 750		1x●		1x●		1x●		1x●		1x●			1x●	
POWER MAX BOX 900		1x●		1x●		1x●		1x●		1x●			1x●	
POWER MAX BOX 1050		1x●		1x●		1x●		1x●			1x●			1x●
POWER MAX BOX 1200		1x●		1x●		1x●		1x●			1x●			1x●
POWER MAX BOX 1350		1x●		1x●		1x●		1x●			1x●			1x●
POWER MAX BOX 1500		1x●		1x●		1x●		1x●			1x●			1x●

POWER MAX BOX

7. Auxiliary accessories for outdoor installation

CODE	DESCRIPTION
20146841	Roof kit for cabinet outdoor installation L = 900 mm
20146842	Roof kit for cabinet outdoor installation L = 1800 mm
20146843	Kit IPX5D display coverage
20146953	Outdoor insulation kit for 3" blind flanges
20146954	Outdoor insulation kit for 5" blind flanges

NOTE: to be used only in case of outdoor installation.

Roof selection table for outdoor installation

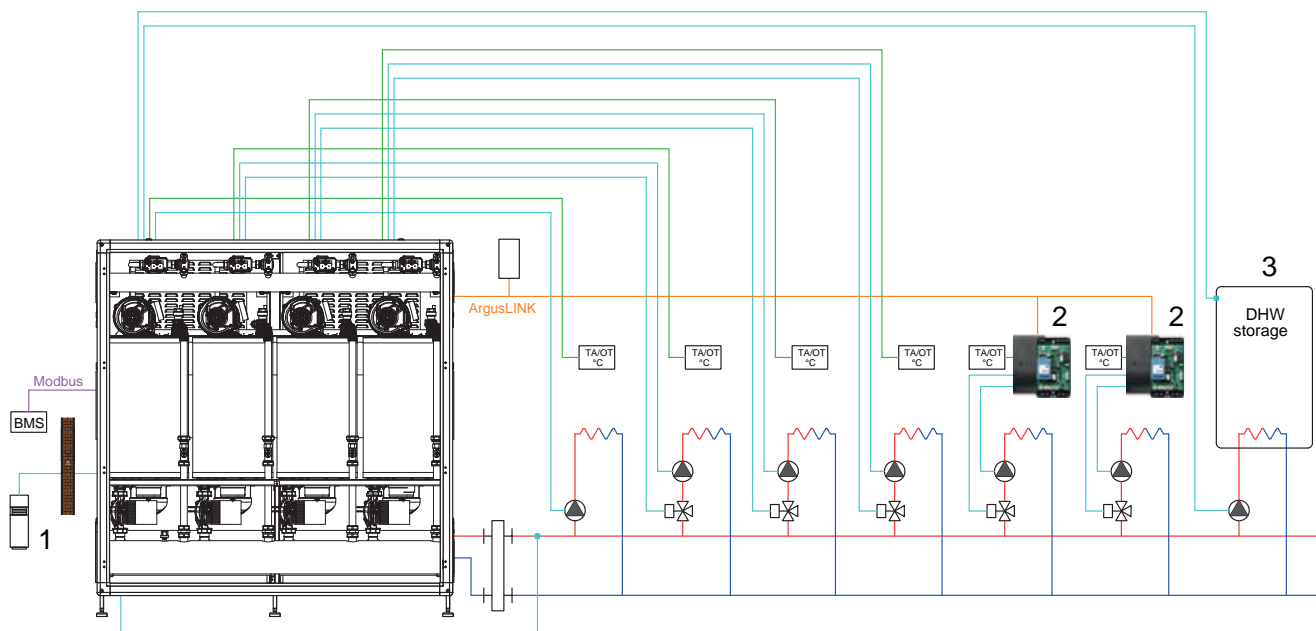
Model	Configuration with technical cabinet for hydraulic separator or empty technical cabinet					Configuration with technical cabinet for plate exchanger				
	20146841	20146842	20146843	20146953	20146954	20146841	20146842	20146843	20146953	20146954
POWER MAX BOX 130-2 P	2x●		1x●	1x●		1x●	1x●	1x●	1x●	
POWER MAX BOX 160-2 P	2x●		1x●	1x●		1x●	1x●	1x●	1x●	
POWER MAX BOX 200-2 P	2x●		1x●	1x●		1x●	1x●	1x●	1x●	
POWER MAX BOX 260-2 P	2x●		1x●	1x●		1x●	1x●	1x●	1x●	
POWER MAX BOX 300-2 P (*)	2x●		1x●		1x●	1x●	1x●	1x●		1x●
POWER MAX BOX 330-3 P	1x●	1x●	1x●	1x●			2x●	1x●	1x●	
POWER MAX BOX 390-3 P	1x●	1x●	1x●	1x●			2x●	1x●	1x●	
POWER MAX BOX 450-3 P (*)	1x●	1x●	1x●		1x●		2x●	1x●		1x●
POWER MAX BOX 520-4 P	1x●	1x●	1x●	1x●			2x●	1x●	1x●	
POWER MAX BOX 600-4 P	1x●	1x●	2x●		1x●		2x●	2x●		1x●
POWER MAX BOX 750	2x●	1x●	2x●		1x●	1x●	2x●	2x●		1x●
POWER MAX BOX 900	2x●	1x●	2x●		1x●	1x●	2x●	2x●		1x●
POWER MAX BOX 1050	1x●	2x●	2x●		1x●		3x●	2x●		1x●
POWER MAX BOX 1200	1x●	2x●	3x●		1x●		3x●	3x●		1x●
POWER MAX BOX 1350	2x●	2x●	3x●		1x●	1x●	3x●	3x●		1x●
POWER MAX BOX 1500	2x●	2x●	3x●		1x●	1x●	3x●	3x●		1x●

POWER MAX BOX

8. Secondary circuit management accessories

CODE	DESCRIPTION
1220599	Secondary circuit/heater probe
20130811	Electronic kit for management of direct or additional mixed zone (max 16) ⁽¹⁾
20132778	External probe

⁽¹⁾ Used for secondary circuit and heater management.



- 1. External probe
- 2. Electronic kit for management of direct or additional mixed zone
- 3. Heater probe




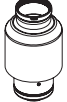


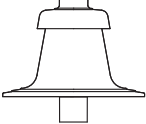



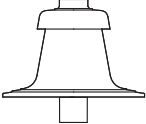


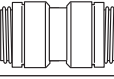

9. Treatment systems for condensate neutralization

CODE	DESCRIPTION
4031810	Neutralization kit N2 up to 450 kW
4031812	Neutralization kit N3 from 450 to 1500 kW ⁽¹⁾
4031811	Neutralization kit HN2 up to 270 kW ⁽²⁾
4031813	Neutralization kit HN3 from 270 to 750 kW ^{(1) (2)}

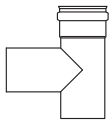





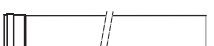
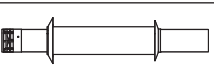
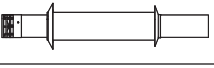

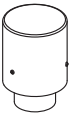
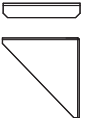
⁽¹⁾ Delivery time of the material if not available in stock: up to 30 working days from order validation date

⁽²⁾ Equipped with extraction pumps

SINGLE FLUE GAS EXHAUST SYSTEM OR DOUBLE SUCTION/DISCHARGE Ø80 mm

CODE	DESCRIPTION	MATERIAL (*)	POWER EVO-X 50 DEP/50	POWER EVO-X 65/80	POWER MAX 65 P - 80 P
20134830	 Flue adapter kit from Ø60/100 to Ø80+80	PP (1)	■		
20190475	 Compact adjustable splitter device kit from Ø60/100 to Ø80/80	PP (1)	■		
20129765	 Flue adapter kit from Ø60/100 to Ø80+80	PP (1)	■		
20129769	 Vertical flue adapter kit from Ø60/100 to Ø80 (for type B23 installation) for outdoor	PP (1)	■	■	
20196312	 Adapter from Ø 80/125 mm to Ø80/80 mm	PP (1)		■	
20196315	 Ø80/80 - Rainproof vertical adapter	PP (1)		■	
20131271	 Flue cover Ø80 for rigid/flexible system	PP (1)			■
20132504	 T-junction kit Ø80 mm with support bracket	PP (1)			■
20132505	 Pipe spacers in the flue gases pipe	PP (1)			■
20132506	 Straight inspection manifold Ø80 mm	PP (1)			■
20132508	 Flue cover Ø80 mm	PP (1)			■
20132509	 Flexible extension 12.5 m with 8 spacers Ø80 mm	PP (1)			■
20132510	 Rigid-flexible fitting Ø80 mm	PP (1)			■
20132511	 Flexible-flexible fitting Ø80 mm	PP (1)			■
20132512	 Flexible-rigid-fitting Ø80 mm	PP (1)			■

FOR CHIMNEYS CONDENSING

CODE	DESCRIPTION	MATERIAL (*)	POWER EVO-X 50 DEP/50	POWER EVO-X 65/80	POWER MAX 65 P - 80 P
20132513	 Ø80 mm T-junction kit	PP (1)			■
20132518	 Drain pipe kit	PP (1)			■
20137503	 45° bend Ø80 mm	PP (1)			■
20137506	 90° bend Ø80 mm	PP (1)			■
20137508	 Extension Ø80 mm, L=500	PP (1)			■
20137509	 Extension Ø80 mm L=1000	PP (1)			■
20137511	 Extension Ø80 mm L=2000	PP (1)			■
20137515	 Air suction terminal Ø80 mm	PP (1)			■
20137517	 Horizontal terminal Ø80 mm	PP (1)			■
20132514	 Ø80 mm T-junction closure kit for condensate drain	MET (1)			■
20137538	 Air inlet kit for installation type B23	MET			
20145888	 Flue support shelf kit	MET			■

(*) PP material: colour may change over time because of sun's rays exposure.


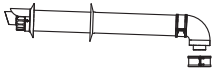


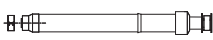

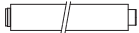

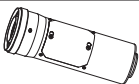







(1) H1 pressure level according to EN 1443.

NOTE: if in the flue line there is a component with P1 pressure level (according to EN 1443), all the line has P1 pressure level even if all the other components are in H1 pressure level (according to EN 1443).

NOTE: please, refer to boiler installation manual for maximum flue line length.

Deductible products only in the context of the refurbishment of the system or the energy-efficient retrofitting of the building. Therefore please always check the specific ways of accessing the incentive.

Ø60/100 mm CONCENTRIC FLUE GAS EXHAUST SUCTION/DISCHARGE SYSTEM

CODE	DESCRIPTION	MATERIAL (*)	POWER EVO-X 50 DEP/50	POWER MAX 65 P - 80 P
20137535	 Double adaptor Ø80/80 mm - concentric Ø60/100 mm	PP/MET (1)(2)		■
20132018	 Wall collector Ø60/100 mm	PP/PPu (1)(2)	■	■
20142835	 Ø60/100 Concentric extension with inspection	pP/PPu (1)(2)	■	■
20142828	 Ø60/100 90° Concentric bend with inspection	pP/PPu (1)(2)	■	■
20132020	 Ø60/100 Vertical flue terminal Ø125 external straight pipe	pP/PPu (1)(2)	■	■
20132043	 Ø60/100 Concentric extension 500 mm	PP/PPu (1)(2)	■	■
20132044	 Ø60/100 Concentric extension 1000 mm	PP/PPu (1)(2)	■	■
20132045	 Ø60/100 Concentric extension 2000 mm	PP/PPu (1)(2)	■	■
20132015	 Ø60/100 Extension with inspection door	PP/PPu (1)(2)	■	■
20132012	 Ø60/100 45° Concentric bend	PP/PPu (1)(2)	■	■
20132040	 Ø60/100 45° Concentric bend (2 pcs.)	PP/PPu (1)(2)	■	■
20132013	 Ø60/100 90° Concentric bend	PP/PPu (1)(2)	■	■
20132050	 Ø125 Pitched roof tile for vertical flue	PP/PPu (1)(2)	■	■
20135579	 Flat roof tile for vertical flue	PP/PPu (1)(2)	■	■
20135584	 Ø100 Spacers for pipe (4 pcs. pack)	PP/PPu (1)(2)	■	■
20163032	 Ø100 Pipe clips kit (5 pcs)	PP/PPu (1)(2)	■	■

(*) PP material: colour may change over time because of sun's rays exposure.

(1) H1 pressure level according to EN 1443.

(2) Check the maximum equivalent lengths by consulting the technical data sheet and / or by contacting the pre-sales service.







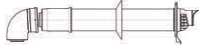
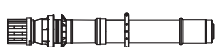



NOTE: if in the flue line there is a component with P1 pressure level (according to EN 1443), all the line has P1 pressure level even if all the other components are in H1 pressure level (according to EN 1443).

NOTE: please, refer to boiler installation manual for maximum flue line length.

Deductible products only in the context of the refurbishment of the system or the energy-efficient retrofitting of the building. Therefore please always check the specific ways of accessing the incentive.

FOR CHIMNEYS CONDENSING

Ø80/125 mm CONCENTRIC FLUE GAS EXHAUST SUCTION/DISCHARGE SYSTEM

CODE	DESCRIPTION	MATERIAL (*)	POWER EVO-X 50 DEP/50	POWER EVO-X 65/80	POWER MAX 65 P - 80 P
20131054	 45° bend Ø80/125 mm	PP/ABS (1)	■	■	■
20131055	 Double adaptor Ø80/80 mm - concentric Ø80/125 mm	PP/ABS (1)	■	■	■
20131083	 90° bend Ø80/125 mm	PP/ABS (1)	■	■	■
20131084	 Extension Ø80/125 mm, L=500 mm	PP/ABS (1)	■	■	■
20131085	 Extension Ø80/125 mm, L=1000 mm	PP/ABS (1)	■	■	■
20131095	 90° bend with inspection Ø80/125 mm	PP/ABS (1)	■	■	■
20131098	 Wall discharge terminal Ø80/125 mm	PP/ABS (1)	■	■	■
20131113	 Vertical terminal Ø80/125 mm	PP/ABS	■	■	■
20132050	 Universal tile for sloping roofs	Nylon	■	■	■
20132520	 Element kit Ø80/125 mm connection to flue	PP (1)	■	■	■
20135579	 Flat roof tile for vertical flue		■	■	■

(*) PP material: colour may change over time because of sun's rays exposure.




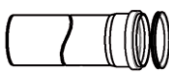

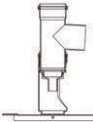


(1) H1 pressure level according to EN 1443.

NOTE: if in the flue line there is a component with P1 pressure level (according to EN 1443), all the line has P1 pressure level even if all the other components are in H1 pressure level (according to EN 1443).

NOTE: please, refer to boiler installation manual for maximum flue line length.

Deductible products only in the context of the refurbishment of the system or the energy-efficient retrofitting of the building. Therefore please always check the specific ways of accessing the incentive.

SINGLE FLUE GAS EXHAUST SYSTEM OR DOUBLE SUCTION/DISCHARGE Ø110 mm

CODE	DESCRIPTION	MATERIAL (*)	POWER MAX 100 - 150
20131202	 90° bend Ø110 mm with inspection	PP (1)	■
20131205	 45° bend Ø110 mm	PP (1)	■
20131208	 90° bend Ø110 mm	PP (1)	■
20131210	 Extension Ø110 mm, L=1000 mm	PP (1)	■
20131218	 Ø110 T-junction kit with condensate drain	PP (1)	■
20131221	 Ø110 mm T-junction kit with stack support condensate drain	PP (1)	■
20131222	 Ø110 mm T-junction kit	PP (1)	■
20131225	 Flue cover Ø110 mm with terminal	PP (1)	■

(*) PP material: colour may change over time because of sun's rays exposure.

(1) H1 pressure level according to EN 1443.








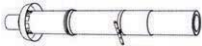
NOTE: if in the flue line there is a component with P1 pressure level (according to EN 1443), all the line has P1 pressure level even if all the other components are in H1 pressure level (according to EN 1443).

NOTE: please, refer to boiler installation manual for maximum flue line length.

Deductible products only in the context of the refurbishment of the system or the energy-efficient retrofitting of the building. Therefore please always check the specific ways of accessing the incentive.

FOR CHIMNEYS CONDENSING

Ø110/160 mm CONCENTRIC FLUE GAS EXHAUST SUCTION/DISCHARGE SYSTEM

CODE		DESCRIPTION	MATERIAL (*)	POWER MAX 100 - 150
20131036		45° bend Ø110/160 mm	PP/MET (1)	■
20131040		90° bend Ø110/160 mm	PP/MET (1)	■
20131046		Extension Ø110/160 mm, L=500 mm	PP/MET (1)	■
20131050		Extension Ø110/160 mm, L=1000 mm	PP/MET (1)	■
20131059		Double adaptor Ø110/110 mm - concentric Ø110/160 mm	PP/MET (1)	■
20131145		Tile Ø160 mm 25-45% slope	-	■
20131147		90° bend with inspection Ø110/160 mm	PP/MET (1)	■
20147403		Outlet on roof Ø110/160 mm	PP/MET (1)	■

(*) PP material: colour may change over time because of sun's rays exposure.

(1) H1 pressure level according to EN 1443.







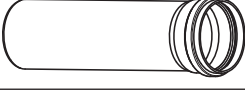
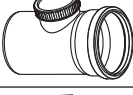
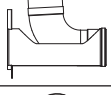


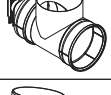

NOTE: if in the flue line there is a component with P1 pressure level (according to EN 1443), all the line has P1 pressure level even if all the other components are in H1 pressure level (according to EN 1443).

NOTE: please, refer to boiler installation manual for maximum flue line length.

Deductible products only in the context of the refurbishment of the system or the energy-efficient retrofitting of the building. Therefore please always check the specific ways of accessing the incentive.

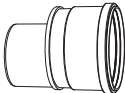





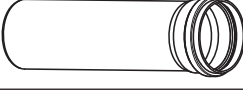
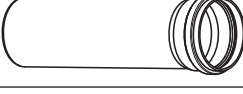
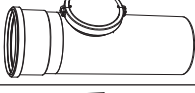

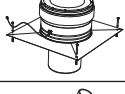

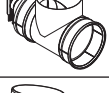

FLUE OPTION FOR CONDENSING

PLASTIC FLUE GAS EXHAUST SYSTEM Ø160 mm FOR CONDENSING BOILERS

CODE		DESCRIPTION	MATERIAL
20062445		30° bend ø160 mm	PP
20032646		45° bend ø160 mm	PP
20032644		90° bend ø160 mm	PP
20062446		Bend with inspection ø160 mm	PP
20060940		Extension ø160 mm, L=500 mm	PP
20060941		Extension ø160 mm, L=1000 mm	PP
20060942		Extension ø160 mm, L=2000 mm	PP
20060945		Stub pipe with inspection ø160 mm	PP
20062703		Chimney support ø160 mm	PP
20060953		Chimney cover ø160 mm	PP
20062447		Condensate drain tube ø160 mm	PP
20063419		Inspectable T-shaped chimney support with condensate drain ø160 mm	PP
20062448		T-shaped connection with condensate drain ø160 mm	PP

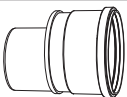
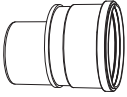
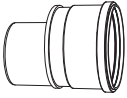





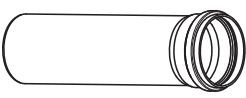
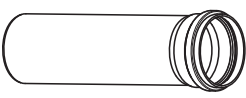
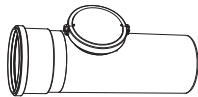


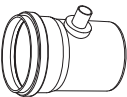

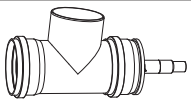
FLUE OPTION FOR CONDENSING

PLASTIC FLUE GAS EXHAUST SYSTEM Ø200 mm FOR CONDENSING BOILERS

CODE		DESCRIPTION	MATERIAL
20062567		Concentric adapter ø200-160 mm	PP
20062539		30° bend ø200 mm	PP
20062542		45° bend ø200 mm	PP
20062543		90° bend ø200 mm	PP
20062545		Bend with inspection ø200 mm	PP
20062527		Extension ø200 mm, L=500 mm	PP
20062530		Extension ø200 mm, L=1000 mm	PP
20062532		Extension ø200 mm, L=2000 mm	PP
20062534		Extension with inspection ø200 mm	PP
20062548		Chimney support ø200 mm	PP
20062547		Chimney cover ø200 mm	PP
20062537		Condensate drain tube ø200 mm	PP
20063420		Inspectable T-shaped chimney support with condensate drain ø200 mm	PP
20062550		T-shaped connection with condensate drain ø200 mm	PP

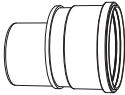
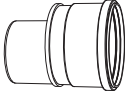




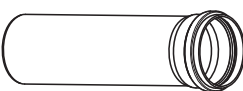

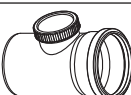

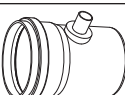


FLUE OPTION FOR CONDENSING

PLASTIC FLUE GAS EXHAUST SYSTEM Ø250 mm FOR CONDENSING BOILERS

CODE		DESCRIPTION	MATERIAL
20062606		Eccentric adapter ø250-160 mm	PP
20062607		Concentric adapter ø250-200 mm	PP
20132393		Adapter ø200/ø250 mm	PP
20062593		30° bend ø250 mm	PP
20062594		45° bend ø250 mm	PP
20062595		90° bend ø250 mm	PP
20062598		Bend with inspection ø250 mm	PP
20062576		Extension ø250 mm, L=500mm	PP
20062577		Extension ø250 mm, L=1000mm	PP
20062578		Extension ø250 mm, L=2000mm	PP
20062591		Extension with inspection ø250 mm	PP
20062600		Chimney support ø250 mm	PP
20062599		Chimney cover ø250 mm	PP
20062592		Condensate drain tube ø250 mm	PP
20063421		Inspectable T-shaped chimney support with condensate drain ø250 mm	PP
20062601		T-shaped connection with condensate drain ø250 mm	PP




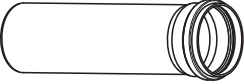

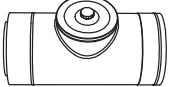
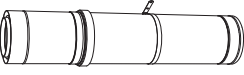
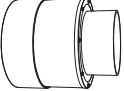
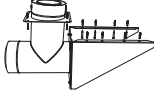
FLUE OPTION FOR CONDENSING

PLASTIC FLUE GAS EXHAUST SYSTEM Ø300 mm FOR CONDENSING BOILERS

CODE		DESCRIPTION	MATERIAL
20158581		Eccentric adapter Ø300-160 mm	PP
20158580		Eccentric adapter Ø300-250 mm	PP
20145293		45° bend Ø300 mm	PP
20145294		90° bend Ø300 mm	PP
20158567		Bend with inspection Ø300 mm	PP
20145292		Extension Ø300 mm, L=500 mm	PP
20145295		Extension Ø300 mm, L=1000 mm	PP
20145296		Extension Ø300 mm, L=2000 mm	PP
20145290		Stub pipe with inspection Ø300 mm	PP
20158569		Chimney support Ø300 mm	PP
20158566		Condensate drain tube Ø300 mm	PP
20158572		Inspectable T-shaped chimney support with condensate drain Ø300 mm	PP
20158571		T-shaped connection with condensate drain Ø300 mm	PP




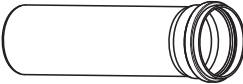

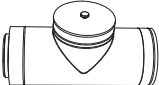

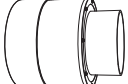
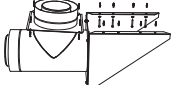
FLUE OPTION FOR CONDENSING

DOUBLE-WALL PLASTIC/STAINLESS STEEL FLUE GAS EXHAUST SYSTEM Ø160-225 mm FOR CONDENSING BOILERS




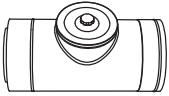
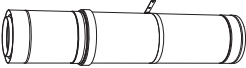
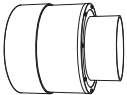
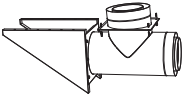
CODE		DESCRIPTION	MATERIAL
20062658		30° bend Ø160-225 mm	PP/Met
20062659		45° bend Ø160-225 mm	PP/Met
20062660		90° bend Ø160-225 mm	PP/Met
20062655		Extension Ø160-225 mm, L=500 mm	PP/Met
20062656		Extension Ø160-225 mm, L=1000 mm	PP/Met
20062657		Extension with inspection Ø160-225 mm, L=1000 mm	PP/Met
20062662		Tube for terminal Ø160-225 mm	PP/Met
20062663		Terminal Ø160-225 mm	PP/Met
20062661		Chimney support Ø160-225 mm	PP/Met

FLUE OPTION FOR CONDENSING

DOUBLE-WALL PLASTIC/STAINLESS STEEL FLUE GAS EXHAUST SYSTEM Ø200-300 mm FOR CONDENSING BOILERS





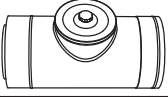
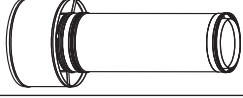
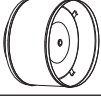
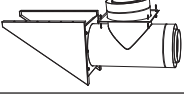
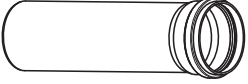
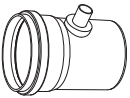
CODE		DESCRIPTION	MATERIAL
20062669		45° bend ø200-300 mm	PP/Met
20062670		45° bend ø200-300 mm	PP/Met
20062671		90° bend ø200-300 mm	PP/Met
20062666		Extension ø200-300 mm, L=500 mm	PP/Met
20062667		Extension ø200-300 mm, L=1000 mm	PP/Met
20062668		Extension with inspection ø200-300 mm	PP/Met
20062673		Tube for terminal ø200-300 mm	PP/Met
20062674		Terminal ø200-300 mm	PP/Met
20062672		Chimney support ø200-300 mm	PP/Met

DOUBLE-WALL PLASTIC/STAINLESS STEEL FLUE GAS EXHAUST SYSTEM Ø250-350 mm FOR CONDENSING BOILERS

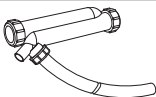


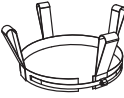












CODE		DESCRIPTION	MATERIAL
20062689		45° bend ø250-350 mm	PP/Met
20062676		Extension ø250-350 mm, L=500 mm	PP/Met
20062677		Extension ø160-225 mm, L=1000 mm	PP/Met
20062688		Extension with inspection ø250-350 mm	PP/Met
20062691		Tube for terminal ø250-350 mm	PP/Met
20062692		Terminal ø250-350 mm	PP/Met
20062690		Chimney support ø250-350 mm	PP/Met

FLUE OPTION FOR CONDENSING

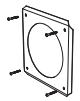
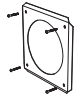
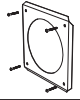
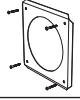
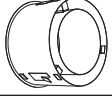
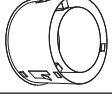

DOUBLE-WALL PLASTIC/STAINLESS STEEL FLUE GAS EXHAUST SYSTEM Ø300-350 mm FOR CONDENSING BOILERS

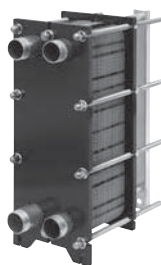
CODE		DESCRIPTION	MATERIAL
20158598		Eccentric adapter ø300/400-250 mm	PP/Met
20158600		45° bend ø300-350 mm	PP/Met
20158601		Extension ø300-400 mm, L=500 mm	PP/Met
20158602		Extension ø300-400 mm, L=1000 mm	PP/Met
20158603		Extension with inspection ø300-400 mm	PP/Met
20158604		Tube for terminal ø300-400 mm	PP/Met
20158605		Terminal ø300-400 mm	PP/Met
20158606		Chimney support ø300-400 mm	PP/Met
20158607		Boiler start-up kit ø300/350 mm	PP/Met
20158594		Tube with condensate drain ø300-350 mm	PP/Met

ACCESSORIES FOR FLUE GAS EXHAUST

CODE		DESCRIPTION
20062443		Long John trap
20062510		Tool ø160 mm
20062563		Tool ø200 mm
20062604		Tool ø250 mm
20158577		Spacer ø300 mm
20062444		Spacer ø160 mm
20060948		Spacer ø160 mm (5 pcs.)
20062564		Spacer ø200 mm
20062664		Spacer ø225 mm
20062605		Spacer ø250 mm
20062513		Grille ø160 mm
20062575		Grille ø200 mm
20062636		Grille ø250 mm
20158576		Grille ø300 mm
20062512		Rosette ø160 mm
20062574		Rosette ø200 mm

FLUE OPTION FOR CONDENSING

CODE		DESCRIPTION
20062665		Rosette ø225 mm
20062635		Rosette ø250 mm
20062675		Rosette ø300 mm
20062693		Rosette ø350 mm
20062449		Bulkhead connector ø160-225 mm
20062556		Bulkhead connector ø200 mm
20062602		Bulkhead connector ø250 mm

**SP - INSPECTABLE PLATE HEAT EXCHANGER**

- AISI 316L stainless steel gasket plate heat exchangers
- NBR and EPDM gasket versions
- AISI 316L stainless steel thread connections
- Maximum operating temperature: 110 °C
- Maximum operating pressure: 10 bar

Plate exchangers DN 50 - 65 - 100

CODE	MODEL	No. OF PLATES	DN	MIX %	KIT C	KIT P	WEIGHT KG
HEAT-EXCHANGER AISI 316 L, WITH EPDM PEROXIDE GASKETS							
20200581	SP 20-DN32 29 (29A) E	29	Rp 1" 1/4 (G-M)*	1	Kit C1	Kit P1	31,3
20200583	SP 20-DN32 41 (41A) E	41	Rp 1" 1/4 (G-M)*	1	Kit C2	Kit P1	34,7
20200584	SP 30-DN32 17 (17A) E	17	Rp 1" 1/4 (G-M)*	1	Kit C3	Kit P1	45
20200585	SP 30-DN32 27 (27A) E	27	Rp 1" 1/4 (G-M)*	1	Kit C3	Kit P1	48,7
20200586	SP 30-DN32 37 (37A) E	37	Rp 1" 1/4 (G-M)*	1	Kit C4	Kit P1	53,4
20200587	SP 30-DN32 53 (53A) E	53	Rp 1" 1/4 (G-M)*	1	Kit C5	Kit P1	61,5
20200588	SP 30-DN32 69 (69A) E	69	Rp 1" 1/4 (G-M)*	1	Kit C5	Kit P1	67,4
20200589	SP 45-DN50 21 (11) E	21	Rp 2" (G-M)*	0,5	Kit C10	Kit P2	119,7
20200590	SP 45-DN50 29 (15) E	29	Rp 2" (G-M)*	0,5	Kit C10	Kit P2	125,2
20200591	SP 45-DN50 33 (17) E	33	Rp 2" (G-M)*	0,5	Kit C10	Kit P2	128
20200592	SP 45-DN50 39 (20) E	39	Rp 2" (G-M)*	0,5	Kit C10	Kit P2	132,2
20200593	SP 45-DN50 45 (23) E	45	Rp 2" (G-M)*	0,5	Kit C11	Kit P2	140,6
20200594	SP 45-DN50 51 (26) E	51	Rp 2" (G-M)*	0,5	Kit C11	Kit P2	144,7
20200595	SP 45-DN50 61 (31) E	61	Rp 2" (G-M)*	0,5	Kit C11	Kit P2	151,6
20200596	SP 45-DN50 73 (37) E	73	Rp 2" (G-M)*	0,5	Kit C12	Kit P2	164,2
20200598	SP 50-DN65 69 (52) E	69	Rp 2" 1/2 (G-M)*	0,75	Kit C15	Kit P2	217,7
20200599	SP 50-DN65 87 (66) E	87	Rp 2" 1/2 (G-M)*	0,75	Kit C16	Kit P2	238,1
20200600	SP 50-DN65 101 (76) E	101	Rp 2" 1/2 (G-M)*	0,75	Kit C16	Kit P2	250,1
20200601	SP 60-DN100 87 (87) E	87	DN100 - PN16	1	Kit C17	Kit P3	375,7
20200602	SP 60-DN100 101 (101) E	101	DN100 - PN16	1	Kit C17	Kit P3	391,7
20200603	SP 60-DN100 115 (115) E	115	DN100 - PN16	1	Kit C18	Kit P3	431,2
20200604	SP 60-DN100 129 (129) E	129	DN100 - PN16	1	Kit C18	Kit P3	447,1
PLATE HEAT-EXCHANGER AISI 316 L, WITH NBR GASKETS							
20200606	SP 20-DN32 11 (11) N	11	Rp 1" 1/4 (G-M)*	1	Kit C1	Kit P1	27,1
20200607	SP 20-DN32 21 (21) N	21	Rp 1" 1/4 (G-M)*	1	Kit C1	Kit P1	29,4
20200608	SP 20-DN32 29 (29) N	29	Rp 1" 1/4 (G-M)*	1	Kit C1	Kit P1	31,2
20200609	SP 20-DN32 41 (41) N	41	Rp 1" 1/4 (G-M)*	1	Kit C2	Kit P1	34,8
20200610	SP 20-DN32 49 (49) N	49	Rp 1" 1/4 (G-M)*	1	Kit C2	Kit P1	36,6
20200611	SP 35-DN50 21 (21) N	21	Rp 2" (G-M)*	1	Kit C6	Kit P2	79,2
20200613	SP 35-DN50 27 (27) N	27	Rp 2" (G-M)*	1	Kit C6	Kit P2	81,7
20200614	SP 35-DN50 33 (33) N	33	Rp 2" (G-M)*	1	Kit C6	Kit P2	84,3
20200615	SP 35-DN50 41 (41) N	41	Rp 2" (G-M)*	1	Kit C6	Kit P2	87,7
20200616	SP 35-DN50 49 (49) N	49	Rp 2" (G-M)*	1	Kit C7	Kit P2	94,7
20200618	SP 35-DN50 53 (53) N	53	Rp 2" (G-M)*	1	Kit C7	Kit P2	96,4
20200619	SP 35-DN50 61 (61) N	61	Rp 2" (G-M)*	1	Kit C7	Kit P2	99,8
20200620	SP 35-DN50 71 (71) N	71	Rp 2" (G-M)*	1	Kit C7	Kit P2	104,1
20200621	SP 35-DN50 81 (81) N	81	Rp 2" (G-M)*	1	Kit C8	Kit P2	111,9
20200622	SP 35-DN50 89 (89) N	89	Rp 2" (G-M)*	1	Kit C8	Kit P2	115,3
20200623	SP 35-DN50 101 (101) N	101	Rp 2" (G-M)*	1	Kit C8	Kit P2	120,4
20209452	SP 35-DN50 117 (117) N	117	Rp 2" (G-M)*	1	Kit C8	Kit P2	124,1
20200624	SP 40-DN65 17 (17) N	17	Rp 2" 1/2 (G-M)*	1	Kit C13	Kit P2	102,3
20200626	SP 40-DN65 21 (21) N	21	Rp 2" 1/2 (G-M)*	1	Kit C13	Kit P2	104,7
20200628	SP 40-DN65 25 (25) N	25	Rp 2" 1/2 (G-M)*	1	Kit C13	Kit P2	107
20200631	SP 40-DN65 33 (33) N	33	Rp 2" 1/2 (G-M)*	1	Kit C13	Kit P2	111,7
20200633	SP 40-DN65 41 (41) N	41	Rp 2" 1/2 (G-M)*	1	Kit C13	Kit P2	116,4
20200635	SP 50-DN65 35 (14) N	35	Rp 2" 1/2 (G-M)*	0,4	Kit C14	Kit P2	183,6
20200637	SP 50-DN65 41 (17) N	41	Rp 2" 1/2 (G-M)*	0,4	Kit C14	Kit P2	188,7

SP - INSPECTABLE PLATE HEAT EXCHANGER

CODE	MODEL	No. OF PLATES	DN	MIX %	KIT C	KIT P	WEIGHT KG
20200638	SP 50-DN65 45 (18) N	45	Rp 2" 1/2 (G-M)*	0,4	Kit C15	Kit P2	197,1
20200640	SP 50-DN65 51 (21) N	51	Rp 2" 1/2 (G-M)*	0,4	Kit C15	Kit P2	202,2
20200642	SP 50-DN65 55 (22) N	55	Rp 2" 1/2 (G-M)*	0,4	Kit C15	Kit P2	205,7
20200644	SP 50-DN65 61 (25) N	61	Rp 2" 1/2 (G-M)*	0,4	Kit C15	Kit P2	210,8
20200645	SP 50-DN65 65 (26) N	65	Rp 2" 1/2 (G-M)*	0,4	Kit C15	Kit P2	214,3
20200646	SP 50-DN65 71 (29) N	71	Rp 2" 1/2 (G-M)*	0,4	Kit C15	Kit P2	219,4
20200647	SP 50-DN65 79 (32) N	79	Rp 2" 1/2 (G-M)*	0,4	Kit C16	Kit P2	231,2
20200648	SP 60-DN100 41 (33) N	41	DN100 - PN16	0,8	Kit C17	Kit P3	323,7
20200658	SP 60-DN100 45 (36) N	45	DN100 - PN16	0,8	Kit C17	Kit P3	328,3
20200659	SP 60-DN100 51 (41) N	51	DN100 - PN16	0,8	Kit C17	Kit P3	335,2
20200663	SP 60-DN100 61 (49) N	61	DN100 - PN16	0,8	Kit C17	Kit P3	346,8
20200665	SP 60-DN100 67 (54) N	67	DN100 - PN16	0,8	Kit C17	Kit P3	353,7
20200667	SP 60-DN100 77 (62) N	77	DN100 - PN16	0,8	Kit C17	Kit P3	365,3
20200670	SP 60-DN100 87 (70) N	87	DN100 - PN16	0,8	Kit C17	Kit P3	376,8
20200672	SP 60-DN100 97 (78) N	97	DN100 - PN16	0,8	Kit C17	Kit P3	388,4
20200673	SP 60-DN100 109 (88) N	109	DN100 - PN16	0,8	Kit C18	Kit P3	425,7
20200674	SP 60-DN100 119 (96) N	119	DN100 - PN16	0,8	Kit C18	Kit P3	437,3
20200675	SP 60-DN100 139 (112) N	139	DN100 - PN16	0,8	Kit C18	Kit P3	460,4
20200676	SP 60-DN100 169 (136) N	169	DN100 - PN16	0,8	Kit C18	Kit P3	495
20200677	SP 60-DN100 201 (161) N	201	DN100 - PN16	0,8	Kit C18	Kit P3	532

(*) G-M: Gas - M

Delivery time of the material if not available in stock: up to 30 working days from order validation date.

*Mix % of high yield plates. - ⁽¹⁾ KIT C = insulation kit - ⁽²⁾ KIT P = feet kit

Connections for use with Power Max thermal module

CODE	DESCRIPTION
20132373	Connection kit for plate exchanger (DN80 on 3" collector side /DN50 on plate exchanger side) ⁽¹⁾
20132375	Connection kit for plate exchanger (DN125 on 5" collector side /DN65 on plate exchanger side) ⁽¹⁾
20132376	Connection kit for plate exchanger (DN125 on 5" collector side /DN100 on plate exchanger side) ⁽¹⁾

⁽¹⁾ Connection kit with SP exchangers. For selection of the suitable plate exchanger, please contact the pre-sales service

Accessories for plate exchangers

CODE	MODEL	No. OF PLATES	MODEL EXCHANGER
20096860	Insulation kit SP 20 29	29	20
20096862	Insulation kit SP 20 49	49	20
20096863	Insulation kit SP 30 29	29	30
20096864	Insulation kit SP 30 49	49	30
20096865	Insulation kit SP 30 75	75	30
20140442	Insulation kit SP 35 41	41	35
20140443	Insulation kit SP 35 71	71	35
20140444	Insulation kit SP 35 101	101	35
20140445	Insulation kit SP 35 151	151	35
20201531	Insulation kit SP 45 41	41	45
20201532	Insulation kit SP 45 71	71	45
20201533	Insulation kit SP 45 101	101	45
20201534	Insulation kit SP 40 41	41	40
20201537	Insulation kit SP 50 41	41	50
20201538	Insulation kit SP 50 71	71	50
20201539	Insulation kit SP 50 101	101	50

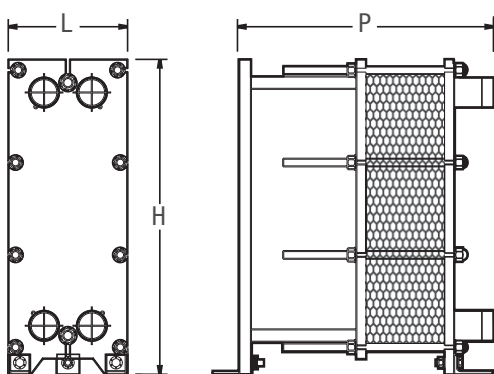
SP - INSPECTABLE PLATE HEAT EXCHANGER

CODE	MODEL	No. OF PLATES	MODEL EXCHANGER
20096918	Insulation kit SP 60 101	101	60
20116198	Insulation kit SP 60 201	201	60
20120282	P2 feet kit **	-	SP 35-40
20120284	P3 feet kit **	-	SP 60

Delivery time of the material if not available in stock: up to 30 working days from order validation date.

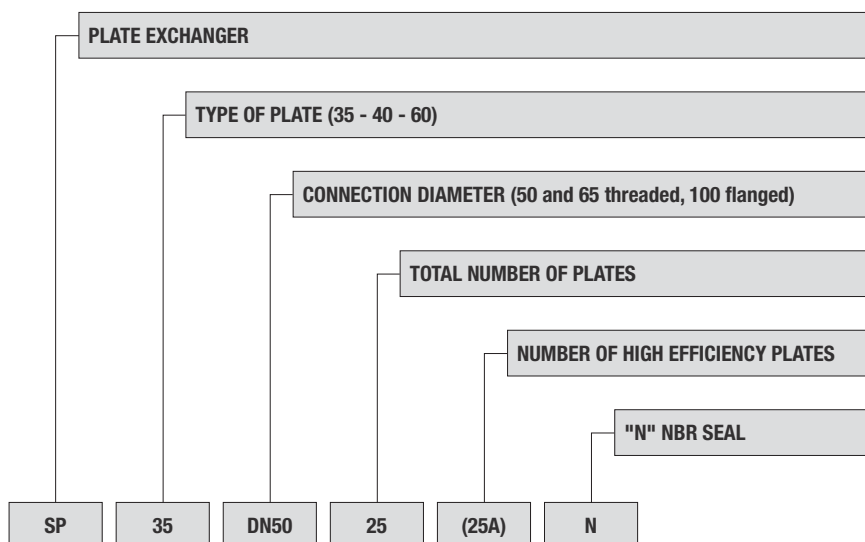
** Accessories to be ordered only together with the exchanger. - (¹) KIT C = insulation kit - (²) KIT P = feet kit

Dimensions of SP Exchangers



COMMERCIAL NAME	No. OF PLATES from - to	H mm	L mm	P mm
SP 20	11-29	470	200	252
	41-49	470	200	352
SP 30	17-27	755	200	252
	37	755	200	352
SP 35	21-41	678	310	408
	49-71	678	310	548
SP 40	81-117	678	310	688
	17-41	729	385	408
SP 45	21-39	1008	310	408
	45-61	1008	310	548
	73	1008	310	688
SP 50	35-41	992	385	408
	45-71	992	385	548
	79-101	992	385	688
SP 60	41-101	1124	509	790
	109-201	1124	509	1290

Model name



SP - INSPECTABLE PLATE HEAT EXCHANGER

Plate heat exchanger combinations for boiler operation with different ΔT ml

POWER EVO X

HIGH TEMPERATURE COMBINATIONS		
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NO. OF GENERATORS IN CASCADE	MODEL	DELIVERED OUTPUT [kW]	EXCHANGER	DN	CODE	EXCHANGER	DN	CODE
2	POWER EVO-X 2x 50 DEP	70	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611
	POWER EVO-X 2x 50	90	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 27 (27) N	Rp 2" (Gas - M)	20200613
	POWER EVO-X 2x 65	110	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 33 (33) N	Rp 2" (Gas - M)	20200614
	POWER EVO-X 2x 80	140	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 33 (33) N	Rp 2" (Gas - M)	20200614
3	POWER EVO-X 3x 50 DEP	105	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 27 (27) N	Rp 2" (Gas - M)	20200613
	POWER EVO-X 3x 50	140	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 33 (33) N	Rp 2" (Gas - M)	20200614
	POWER EVO-X 3x 65	165	SP 35-DN50 27 (27) N	Rp 2" (Gas - M)	20200613	SP 35-DN50 41 (41) N	Rp 2" (Gas - M)	20200615
4	POWER EVO-X 3x 80	210	SP 35-DN50 33 (33) N	Rp 2" (Gas - M)	20200614	SP 35-DN50 49 (49) N	Rp 2" (Gas - M)	20200616
	POWER EVO-X 4x 50 DEP	140	SP 35-DN50 21 (21) N	Rp 2" (Gas - M)	20200611	SP 35-DN50 33 (33) N	Rp 2" (Gas - M)	20200614
	POWER EVO-X 4x 50	180	SP 35-DN50 27 (27) N	Rp 2" (Gas - M)	20200613	SP 35-DN50 41 (41) N	Rp 2" (Gas - M)	20200615
	POWER EVO-X 4x 65	220	SP 35-DN50 33 (33) N	Rp 2" (Gas - M)	20200614	SP 35-DN50 53 (53) N	Rp 2" (Gas - M)	20200618
	POWER EVO-X 4x 80	280	SP 35-DN50 41 (41) N	Rp 2" (Gas - M)	20200615	SP 35-DN50 61 (61) N	Rp 2" (Gas - M)	20200619

POWER MAX

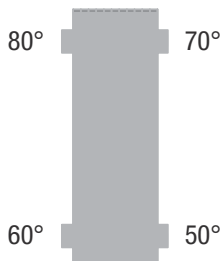
HIGH TEMPERATURE COMBINATIONS		
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NO. OF GENERATORS IN CASCADE	MODEL	DELIVERED OUTPUT [kW]	EXCHANGER	DN	CODE	EXCHANGER	DN	CODE
2	Power Max 2x 65 P	114	SP 35-DN50 21 (21) N	Rp 2" (G-M)*	20200611	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614
	Power Max 2x 80 P	136	SP 35-DN50 21 (21) N	Rp 2" (G-M)*	20200611	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614
	Power Max 2x 100	180	SP 35-DN50 27 (27) N	Rp 2" (G-M)*	20200613	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616
	Power Max 2x 110	194	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616
	Power Max 2x 130 (115 Hi)	224	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614	SP 35-DN50 53 (53) N	Rp 2" (G-M)*	20200618
	Power Max 2x 150	262	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619

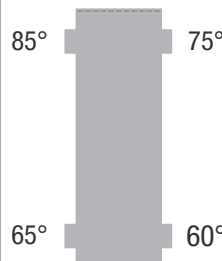
SP - INSPECTABLE PLATE HEAT EXCHANGER

POWER MAX

HIGH TEMPERATURE COMBINATIONS



$\Delta T_{ml} = 10\text{ }^{\circ}\text{C}$
 $\Delta T_{\text{primary}} = 20\text{ }^{\circ}\text{C}$
 $\Delta T_{\text{secondary}} = 20\text{ }^{\circ}\text{C}$
 $T_{\text{Average secondary circuit}} = 60\text{ }^{\circ}\text{C}$



$\Delta T_{ml} = 7,2\text{ }^{\circ}\text{C}$
 $\Delta T_{\text{primary}} = 20\text{ }^{\circ}\text{C}$
 $\Delta T_{\text{secondary}} = 15\text{ }^{\circ}\text{C}$
 $T_{\text{Average secondary circuit}} = 67,5\text{ }^{\circ}\text{C}$

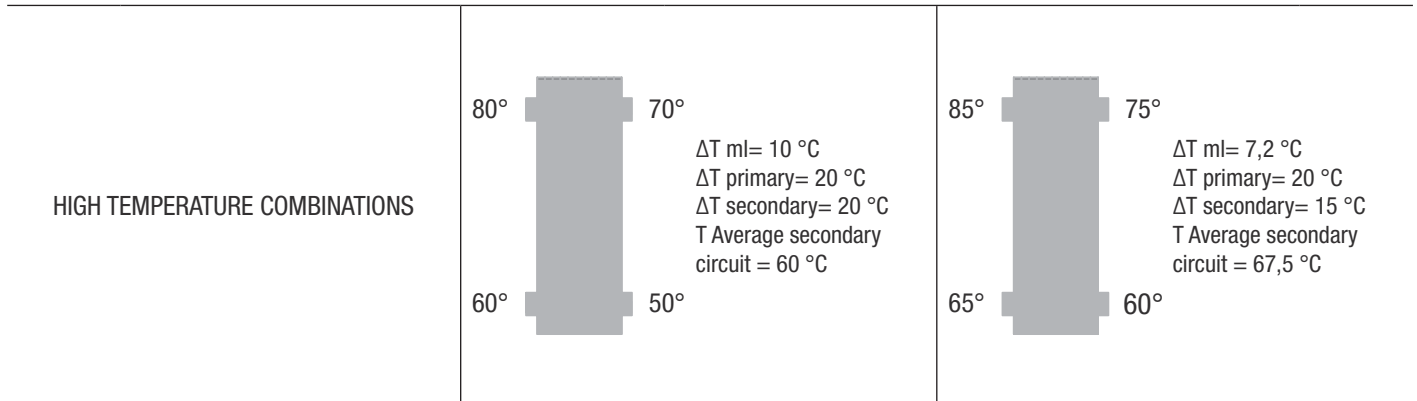
NO. OF GENERATORS IN CASCADE	MODEL	DELIVERED OUTPUT [kW]	EXCHANGER	DN	CODE	EXCHANGER	DN	CODE
3	Power Max 3x 65 P	171	SP 35-DN50 27 (27) N	Rp 2" (G-M)*	20200613	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615
	Power Max 3x 80 P	204	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616
	Power Max 3x 100	270	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619
	Power Max 3x 110	291	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 71 (71) N	Rp 2" (G-M)*	20200620
	Power Max 3x 130 (115 Hi)	336	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616	SP 35-DN50 81 (81) N	Rp 2" (G-M)*	20200621
4	Power Max 4x 150	393	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 89 (89) N	Rp 2" (G-M)*	20200622
	Power Max 4x 65 P	228	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614	SP 35-DN50 53 (53) N	Rp 2" (G-M)*	20200618
	Power Max 4x 80 P	272	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619
	Power Max 4x 100	360	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616	SP 35-DN50 81 (81) N	Rp 2" (G-M)*	20200621
	Power Max 4x 110	388	SP 35-DN50 53 (53) N	Rp 2" (G-M)*	20200618	SP 35-DN50 89 (89) N	Rp 2" (G-M)*	20200622
5	Power Max 4x 130 (115 Hi)	448	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 101 (101) N	Rp 2" (G-M)*	20200623
	Power Max 4x 150	524	SP 50-DN65 35 (14) N	Rp 2" 1/2 (G-M)*	20200635	SP 50-DN65 55 (22) N	Rp 2" 1/2 (G-M)*	20200642
	Power Max 5x 65 P	285	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 71 (71) N	Rp 2" (G-M)*	20200620
	Power Max 5x 80 P	340	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616	SP 35-DN50 81 (81) N	Rp 2" (G-M)*	20200621
	Power Max 5x 100	450	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 101 (101) N	Rp 2" (G-M)*	20200623
6	Power Max 5x 110	485	SP 35-DN50 71 (71) N	Rp 2" (G-M)*	20200620	SP 35-DN50 101 (101) N	Rp 2" (G-M)*	20200623
	Power Max 5x 130 (115 Hi)	560	SP 50-DN65 41 (17) N	Rp 2" (G-M)*	20200637	SP 50-DN65 55 (22) N	Rp 2" 1/2 (G-M)*	20200642
	Power Max 5x 150	655	SP 50-DN65 45 (18) N	Rp 2" (G-M)*	20200638	SP 50-DN65 65 (26) N	Rp 2" 1/2 (G-M)*	20200645
	Power Max 6x 65 P	342	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616	SP 35-DN50 81 (81) N	Rp 2" (G-M)*	20200621
	Power Max 6x 80 P	408	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 89 (89) N	Rp 2" (G-M)*	20200622
7	Power Max 6x 100	540	SP 50-DN65 35 (14) N	Rp 2" 1/2 (G-M)*	20200635	SP 50-DN65 55 (22) N	Rp 2" 1/2 (G-M)*	20200642
	Power Max 6x 110	582	SP 50-DN65 41 (17) N	Rp 2" 1/2 (G-M)*	20200637	SP 50-DN65 61 (25) N	Rp 2" 1/2 (G-M)*	20200644
	Power Max 6x 130 (115 Hi)	672	SP 50-DN65 45 (18) N	Rp 2" 1/2 (G-M)*	20200638	SP 50-DN65 65 (26) N	Rp 2" 1/2 (G-M)*	20200645
	Power Max 6x 150	786	SP 50-DN65 51 (21) N	Rp 2" 1/2 (G-M)*	20200640	SP 50-DN65 79 (32) N	Rp 2" 1/2 (G-M)*	20200647
	Power Max 7x 65 P	399	SP 35-DN50 53 (53) N	Rp 2" (G-M)*	20200618	SP 35-DN50 89 (89) N	Rp 2" (G-M)*	20200622
8	Power Max 7x 80 P	476	SP 35-DN50 71 (71) N	Rp 2" (G-M)*	20200620	SP 35-DN50 101 (101) N	Rp 2" (G-M)*	20200623
	Power Max 7x 100	630	SP 50-DN65 41 (17) N	Rp 2" 1/2 (G-M)*	20200637	SP 50-DN65 65 (26) N	Rp 2" 1/2 (G-M)*	20200645
	Power Max 7x 110	679	SP 50-DN65 45 (18) N	Rp 2" 1/2 (G-M)*	20200638	SP 50-DN65 71 (29) N	Rp 2" 1/2 (G-M)*	20200646
	Power Max 7x 130 (115 Hi)	784	SP 50-DN65 51 (21) N	Rp 2" 1/2 (G-M)*	20200640	SP 50-DN65 79 (32) N	Rp 2" 1/2 (G-M)*	20200647
	Power Max 7x 150	917	SP 60-DN100 45 (36) N	DN100 - PN16	20200658	SP 60-DN100 67 (54) N	DN100 - PN16	20200665
9	Power Max 8x 65 P	456	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 101 (101) N	Rp 2" (G-M)*	20200623
	Power Max 8x 80 P	544	SP 50-DN65 35 (14) N	Rp 2" 1/2 (G-M)*	20200635	SP 50-DN65 55 (22) N	Rp 2" 1/2 (G-M)*	20200642
	Power Max 8x 100	720	SP 50-DN65 51 (21) N	Rp 2" 1/2 (G-M)*	20200640	SP 50-DN65 71 (29) N	Rp 2" 1/2 (G-M)*	20200646
	Power Max 8x 110	776	SP 50-DN65 55 (22) N	Rp 2" 1/2 (G-M)*	20200642	SP 50-DN65 79 (32) N	Rp 2" 1/2 (G-M)*	20200647
	Power Max 8x 130 (115 Hi)	896	SP 60-DN100 45 (36) N	DN100 - PN16	20200658	SP 60-DN100 67 (54) N	DN100 - PN16	20200665
10	Power Max 8x 150	1048	SP 60-DN100 51 (41) N	DN100 - PN16	20200659	SP 60-DN100 77 (62) N	DN100 - PN16	20200667
	Power Max 9x 65 P	513	SP 50-DN65 35 (14) N	Rp 2" 1/2 (G-M)*	20200635	SP 50-DN65 51 (21) N	Rp 2" 1/2 (G-M)*	20200640
	Power Max 9x 80 P	612	SP 50-DN65 41 (17) N	Rp 2" 1/2 (G-M)*	20200637	SP 50-DN65 61 (25) N	Rp 2" 1/2 (G-M)*	20200644
	Power Max 9x 100	810	SP 60-DN100 41 (33) N	DN100 - PN16	20200648	SP 60-DN100 61 (49) N	DN100 - PN16	20200663
	Power Max 9x 110	873	SP 60-DN100 45 (36) N	DN100 - PN16	20200658	SP 60-DN100 67 (54) N	DN100 - PN16	20200665
10	Power Max 9x 130 (115 Hi)	1008	SP 60-DN100 51 (41) N	DN100 - PN16	20200659	SP 60-DN100 77 (62) N	DN100 - PN16	20200667
	Power Max 10x 65 P	570	SP 50-DN65 41 (17) N	Rp 2" 1/2 (G-M)*	20200637	SP 50-DN65 61 (25) N	Rp 2" 1/2 (G-M)*	20200644
	Power Max 10x 80 P	680	SP 50-DN65 45 (18) N	Rp 2" 1/2 (G-M)*	20200638	SP 50-DN65 71 (29) N	Rp 2" 1/2 (G-M)*	20200646
	Power Max 10x 100	900	SP 60-DN100 45 (36) N	DN100 - PN16	20200658	SP 60-DN100 67 (54) N	DN100 - PN16	20200665
10	Power Max 10x 110	970	SP 60-DN100 51 (41) N	DN100 - PN16	20200659	SP 60-DN100 77 (62) N	DN100 - PN16	20200667
	Power Max 10x 130 (115 Hi)	1120	SP 60-DN100 61 (49) N	DN100 - PN16	20200663	SP 60-DN100 87 (70) N	DN100 - PN16	20200670

(*) G-M: Gas - M

HYBRID SYSTEMS
 HEAT PUMPS
 WALL HUNG BOILERS
 WATER-HEATERS
 SOLAR THERMAL UNIT AND CYCLINDERS
 CENTRALIZED HEATING
 AIR CONDITIONING
 TERMINAL UNITS
 SYSTEM COMPLEMENTARY ITEMS

SP - INSPECTABLE PLATE HEAT EXCHANGER

POWER MAX BOX



NO. OF GENERATORS IN CASCADE	MODEL	DELIVERED OUTPUT [kW]	EXCHANGER	DN	CODE	EXCHANGER	DN	CODE
1	POWER MAX BOX 130-2 P	114	SP 35-DN50 21 (21) N	Rp 2" (G-M)*	20200611	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614
	POWER MAX BOX 160-2 P	136	SP 35-DN50 21 (21) N	Rp 2" (G-M)*	20200611	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614
	POWER MAX BOX 200-2 P	180	SP 35-DN50 27 (27) N	Rp 2" (G-M)*	20200613	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616
	POWER MAX BOX 260-2 P	224	SP 35-DN50 33 (33) N	Rp 2" (G-M)*	20200614	SP 35-DN50 53 (53) N	Rp 2" (G-M)*	20200618
	POWER MAX BOX 300-2 P	262	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619
	POWER MAX BOX 330-3 P	291	SP 35-DN50 41 (41) N	Rp 2" (G-M)*	20200615	SP 35-DN50 71 (71) N	Rp 2" (G-M)*	20200620
	POWER MAX BOX 390-3 P	336	SP 35-DN50 49 (49) N	Rp 2" (G-M)*	20200616	SP 35-DN50 81 (81) N	Rp 2" (G-M)*	20200621
	POWER MAX BOX 450-3 P	393	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 89 (89) N	Rp 2" (G-M)*	20200622
	POWER MAX BOX 520-4 P	448	SP 35-DN50 61 (61) N	Rp 2" (G-M)*	20200619	SP 35-DN50 101 (101) N	Rp 2" (G-M)*	20200623
POWER MAX BOX 600-4 P	524	SP 50-DN65 35 (14) N	Rp 2" 1/2 (G-M)*	20200635	SP 50-DN65 55 (22) N	Rp 2" 1/2 (G-M)*	20200642	
2	POWER MAX BOX 750	655	SP 50-DN65 45 (18) N	Rp 2" 1/2 (G-M)*	20200638	SP 50-DN65 65 (26) N	Rp 2" 1/2 (G-M)*	20200645
	POWER MAX BOX 900	786	SP 50-DN65 51 (21) N	Rp 2" 1/2 (G-M)*	20200640	SP 50-DN65 79 (32) N	Rp 2" 1/2 (G-M)*	20200647
	POWER MAX BOX 1050	917	SP 60-DN100 45 (36) N	DN100 - PN16	20200658	SP 60-DN100 67 (54) N	DN100 - PN16	20200665
	POWER MAX BOX 1200	1048	SP 60-DN100 51 (41) N	DN100 - PN16	20200659	SP 60-DN100 77 (62) N	DN100 - PN16	20200667
3	POWER MAX BOX 1350	1179	SP 60-DN100 61 (49) N	DN100 - PN16	20200663	SP 60-DN100 87 (70) N	DN100 - PN16	20200670
	POWER MAX BOX 1500	1310	SP 60-DN100 67 (54) N	DN100 - PN16	20200665	SP 60-DN100 97 (78) N	DN100 - PN16	20200672

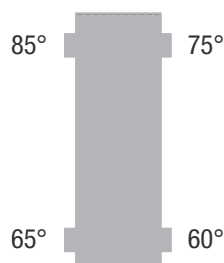
(*) G-M: Gas - M

SP - INSPECTABLE PLATE HEAT EXCHANGER

POWER MAX BOX

Plate heat exchanger combinations for boiler operation with a mixture of water and glycol (max 40%)*

HIGH TEMPERATURE COMBINATIONS



$\Delta T_{ml} = 7.2 \text{ }^\circ\text{C}$
 $\Delta T_{\text{primary}} = 20 \text{ }^\circ\text{C}$
 $\Delta T_{\text{secondary}} = 15 \text{ }^\circ\text{C}$
 Glycol 40%

NO. OF GENERATORS IN CASCADE	MODEL	DELIVERED OUTPUT [kW]	EXCHANGER	DN	CODE
1	POWER MAX BOX 130-2 P	114	SP 45-DN50 21 (11) E	Rp 2" (G-M)*	20200589
	POWER MAX BOX 160-2 P	136	SP 45-DN50 29 (15) E	Rp 2" (G-M)*	20200590
	POWER MAX BOX 200-2 P	180	SP 45-DN50 29 (15) E	Rp 2" (G-M)*	20200590
	POWER MAX BOX 260-2 P	224	SP 45-DN50 33 (17) E	Rp 2" (G-M)*	20200591
	POWER MAX BOX 300-2 P	262	SP 45-DN50 39 (20) E	Rp 2" (G-M)*	20200592
	POWER MAX BOX 330-3 P	291	SP 45-DN50 45 (23) E	Rp 2" (G-M)*	20200593
	POWER MAX BOX 390-3 P	336	SP 45-DN50 51 (26) E	Rp 2" (G-M)*	20200594
	POWER MAX BOX 450-3 P	393	SP 45-DN50 61 (31) E	Rp 2" (G-M)*	20200595
	POWER MAX BOX 520-4 P	448	SP 45-DN50 73 (37) E	Rp 2" (G-M)*	20200596
2	POWER MAX BOX 600-4 P	524	SP 50-DN65 69 (52) E	Rp 2" 1/2 (G-M)*	20200598
	POWER MAX BOX 750	655	SP 50-DN65 87 (66) E	Rp 2" 1/2 (G-M)*	20200599
	POWER MAX BOX 900	786	SP 50-DN65 101 (76) E	Rp 2" 1/2 (G-M)*	20200600
	POWER MAX BOX 1050	917	SP 60-DN100 87 (87) E	DN100 - PN16	20200601
3	POWER MAX BOX 1200	1048	SP 60-DN100 101 (101) E	DN100 - PN16	20200602
	POWER MAX BOX 1350	1179	SP 60-DN100 115 (115) E	DN100 - PN16	20200603
	POWER MAX BOX 1500	1310	SP 60-DN100 129 (129) E	DN100 - PN16	20200604

(*) G-M: Gas - M