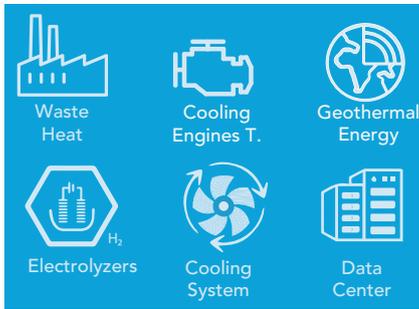


Selected operating point

Useful Heat / Disipation	Tout (°C)					Water-Steam COP H+C
	150	-	-	4,7	6,1	10,2
140	-	3,8	5,8	8,0	10,5	
130	3,0	4,7	6,4	9,6	12,2	
120	3,6	5,7	8,3	10,1	-	
110	4,4	6,2	10,9	13,4	-	
Tin (°C)	40	60	80	100	120	

Heat source



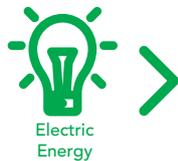
Heat source

Heat transfer fluid	Agua
Inlet temperature	80 °C
Outlet temperature	75 °C
Volumetric flow rate	66 m ³ /h
Thermal power	375 kWt
Pressure drop	100 kPa



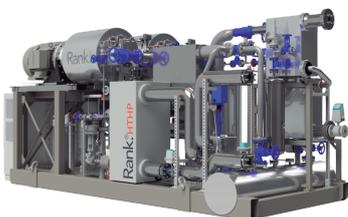
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	150 °C
Outlet temperature	150 °C
Pressure	5 bara
Caudal	0,24kg/s
Power	503 kWt

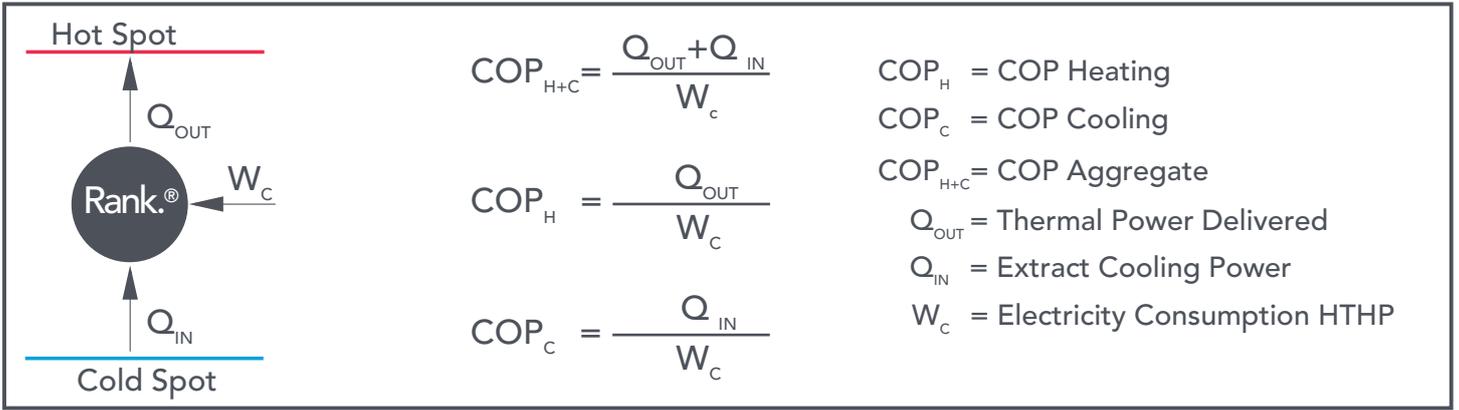


Electricity

Consumption	185 kWe
COP_H+C	4,7
COP_H	2,7
COP_C	2,0
Voltage	3x400 V

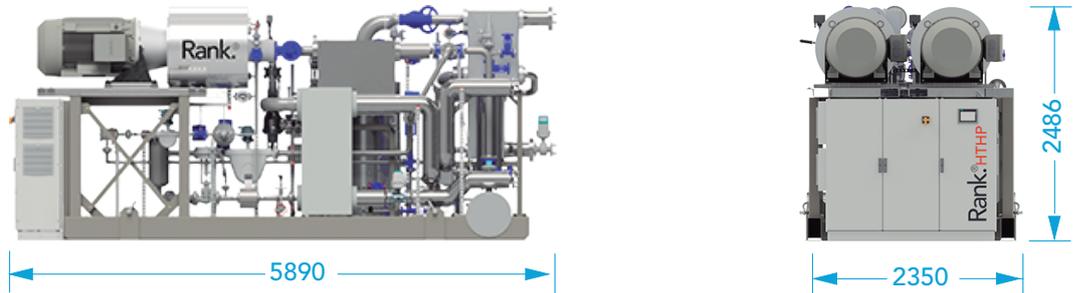


Calculation COP's

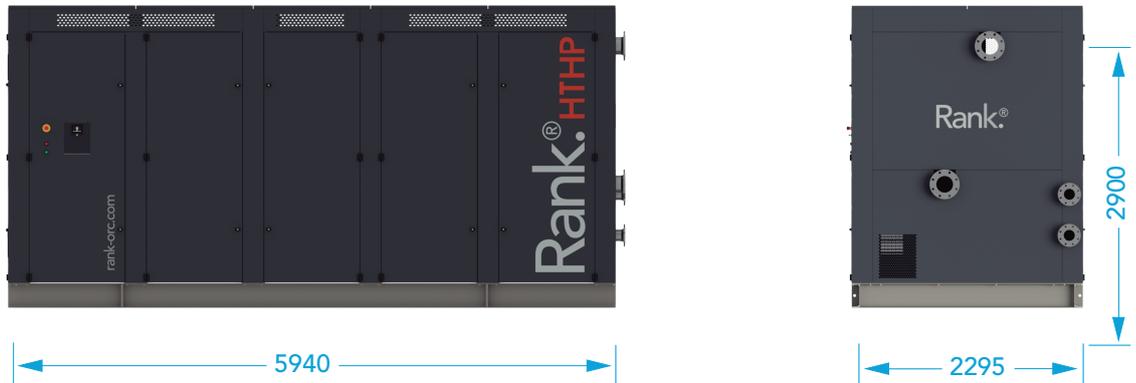


Dimensiones

Basic Option



Wrap-around Option



Container Option



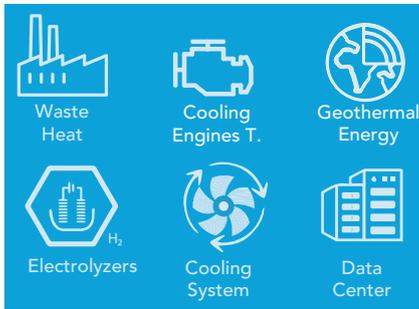
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)					Water-Steam
					COP H+C	
150	-	-	4,7	6,1	10,2	
140	-	3,8	5,8	8,0	10,5	
130	3,0	4,7	6,4	9,6	12,2	
120	3,6	5,7	8,3	10,1	-	
110	4,4	6,2	10,9	13,4	-	
Tin (°C)	40	60	80	100	120	

Heat source



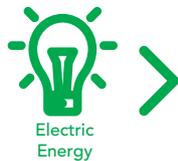
Heat source

Heat transfer fluid	Agua
Inlet temperature	100 °C
Outlet temperature	95 °C
Volumetric flow rate	74 m³/h
Thermal power	414 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	150 °C
Outlet temperature	150 °C
Pressure	5 bara
Caudal	0,24kg/s
Power	509 kWt

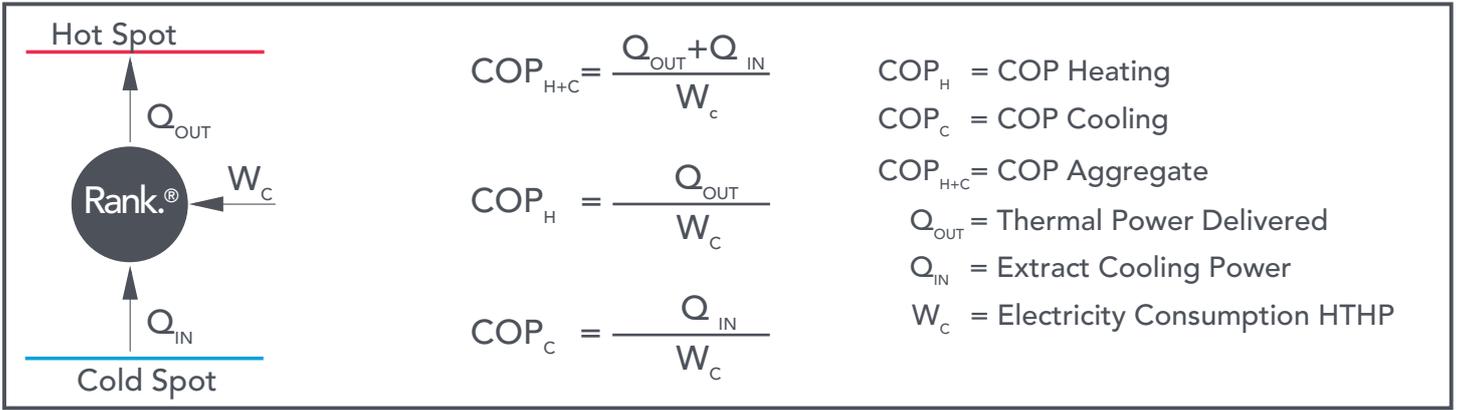


Electricity

Consumption	151 kWe
COP_H+C	6,1
COP_H	3,4
COP_C	2,7
Voltage	3x400 V

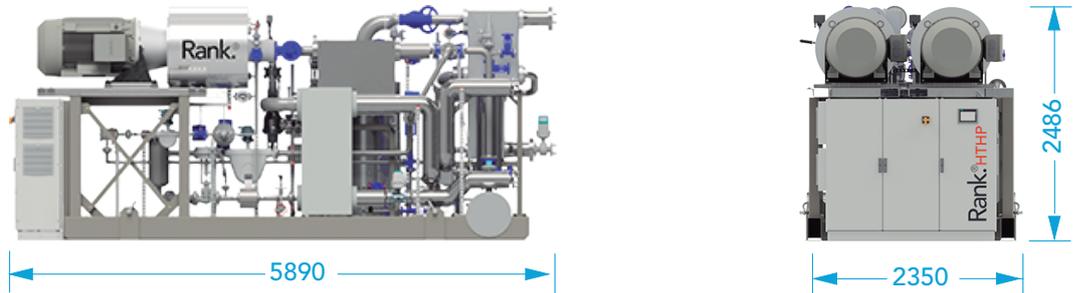


Calculation COP's

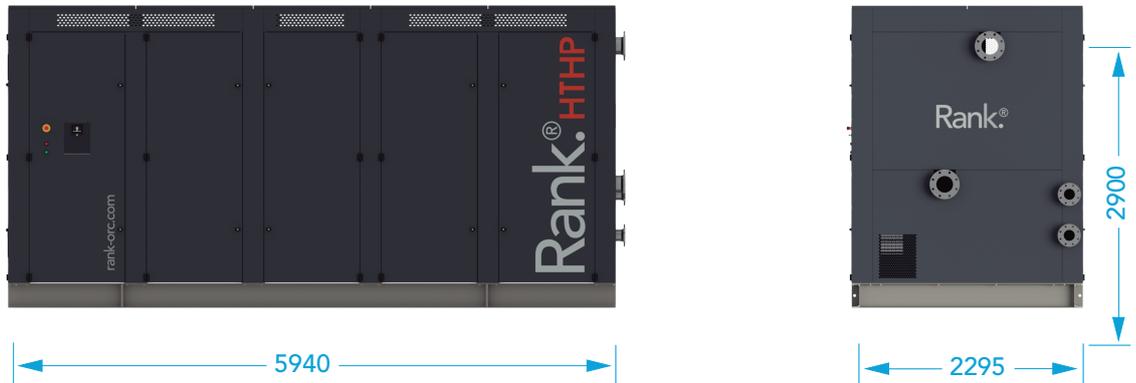


Dimensiones

Basic Option



Wrap-around Option



Container Option



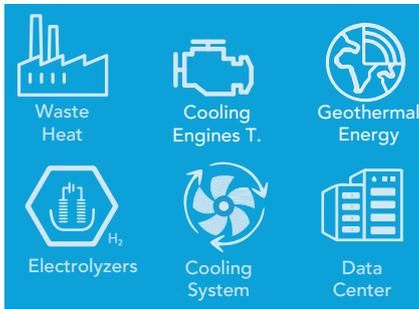
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)					Water-Steam COP H+C
	150	-	-	4,7	6,1	10,2
140	-	3,8	5,8	8,0	10,5	
130	3,0	4,7	6,4	9,6	12,2	
120	3,6	5,7	8,3	10,1	-	
110	4,4	6,2	10,9	13,4	-	
Tin (°C)	40	60	80	100	120	

Heat source



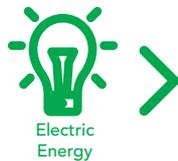
Heat source

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	115 °C
Volumetric flow rate	79 m ³ /h
Thermal power	441 kWt
Pressure drop	100 kPa



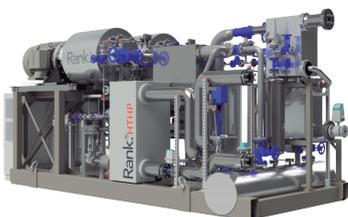
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	150 °C
Outlet temperature	150 °C
Pressure	5 bara
Caudal	0,24kg/s
Power	501 kWt

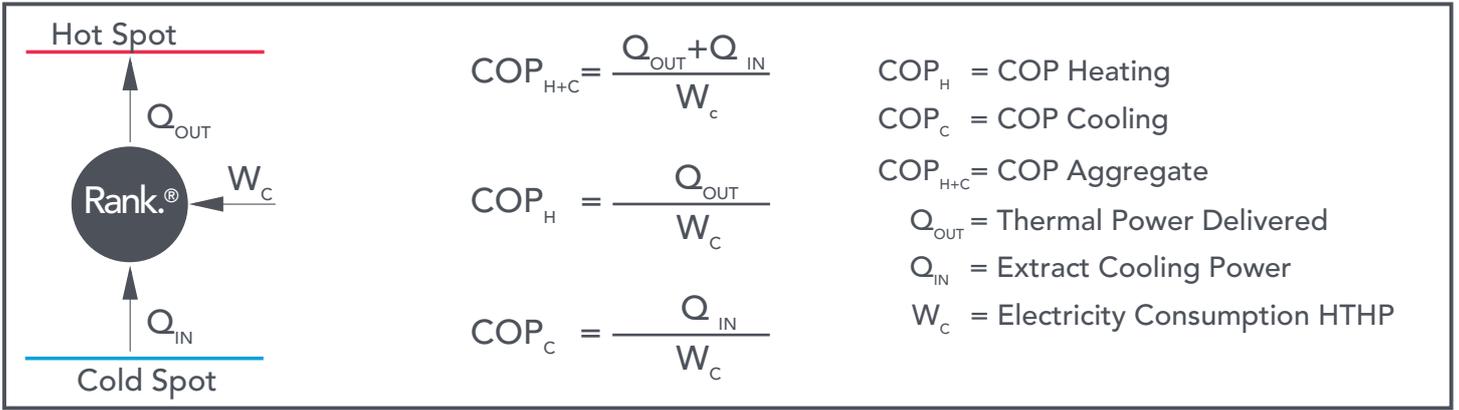


Electricity

Consumption	90 kWe
COP_H+C	10,5
COP_H	5,6
COP_C	4,9
Voltage	3x400 V

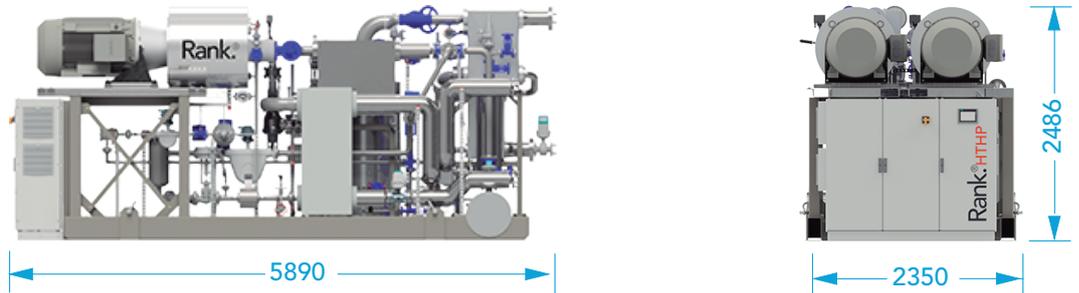


Calculation COP's

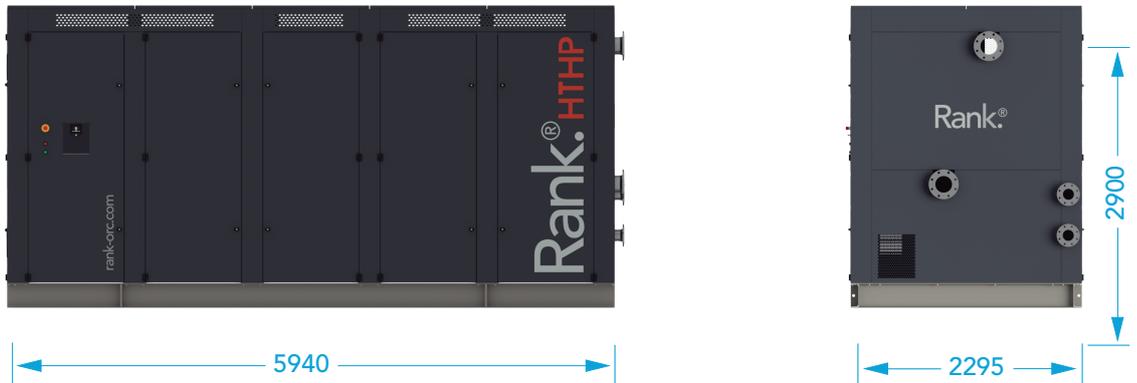


Dimensiones

Basic Option



Wrap-around Option



Container Option



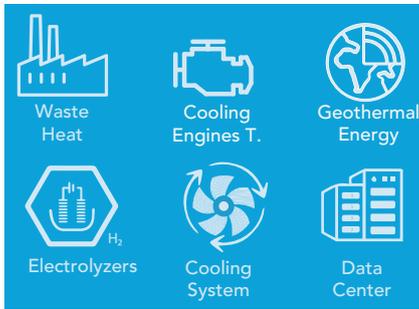
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C		
	150	140	4,7	6,1	10,2
	-	3,8	5,8	8,0	10,5
	3,0	4,7	6,4	9,6	12,2
	3,6	5,7	8,3	10,1	-
	4,4	6,2	10,9	13,4	-
	Tin (°C)		40	60	80
			80	100	120

Heat source



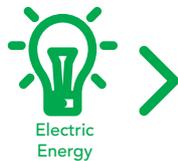
> Heat source

Heat transfer fluid	Agua
Inlet temperature	60 °C
Outlet temperature	55 °C
Volumetric flow rate	63 m³/h
Thermal power	359 kWt
Pressure drop	100 kPa



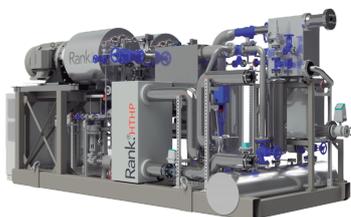
< Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	140 °C
Outlet temperature	140 °C
Pressure	4 bara
Caudal	0,23kg/s
Power	501 kWt

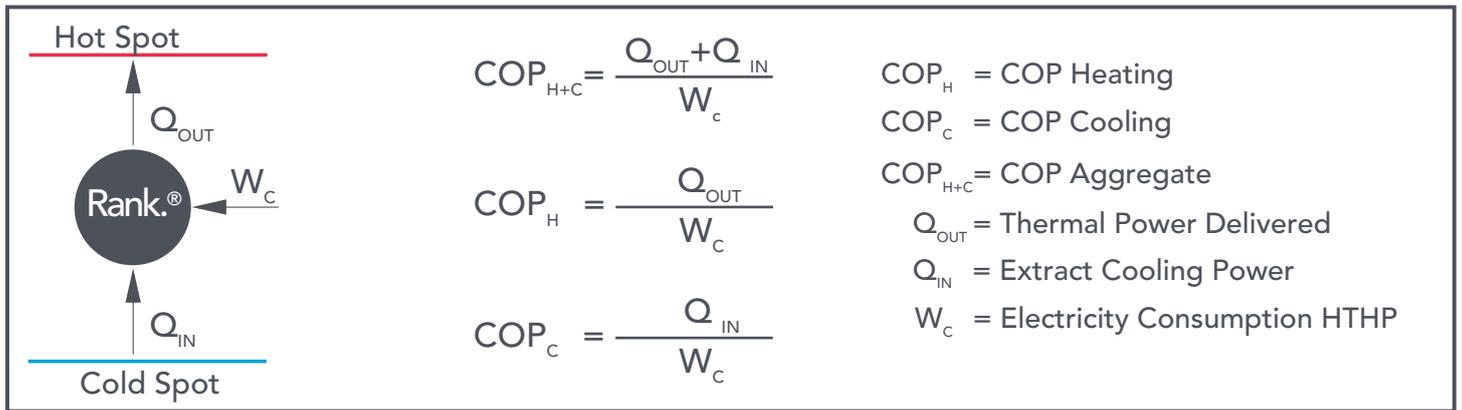


> Electricity

Consumption	224 kWe
COP_H+C	3,8
COP_H	2,2
COP_C	1,6
Voltage	3x400 V

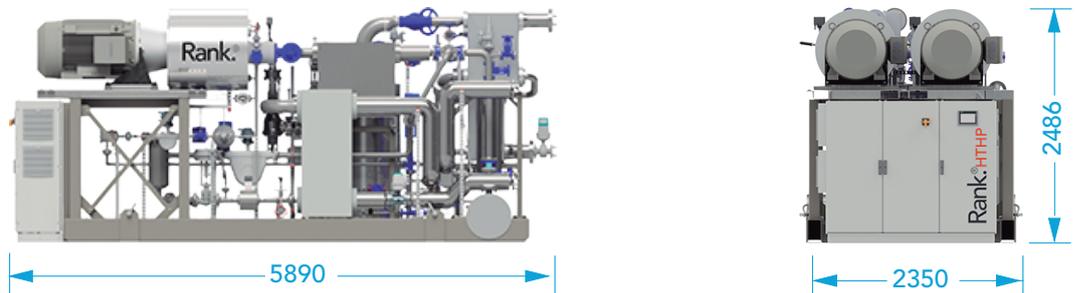


Calculation COP's

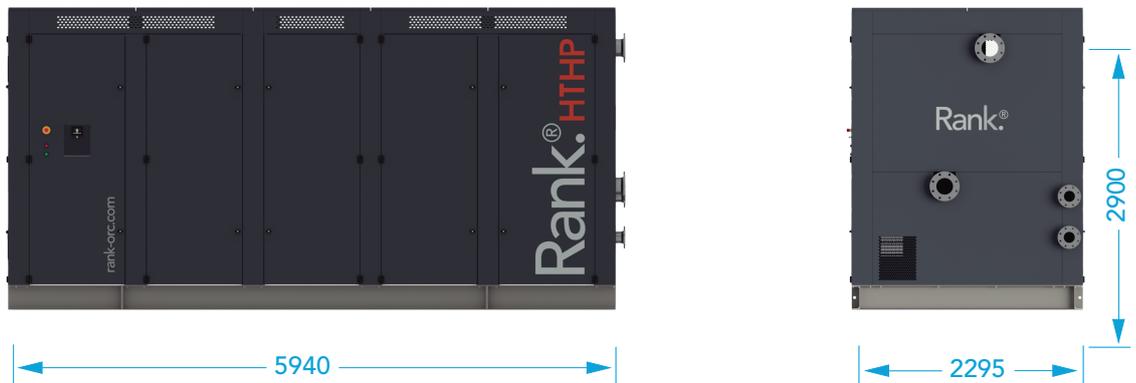


Dimensiones

Basic Option



Wrap-around Option



Container Option



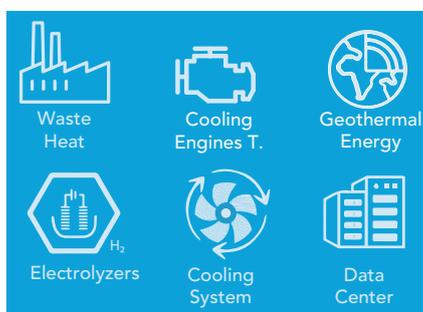
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)			Water-Steam COP H+C		
	150	140	130	120	110	Tin (°C)
	-	-	4,7	6,1	10,2	
	-	3,8	5,8	8,0	10,5	
	3,0	4,7	6,4	9,6	12,2	
	3,6	5,7	8,3	10,1	-	
	4,4	6,2	10,9	13,4	-	
	40	60	80	100	120	

Heat source



Heat source

Heat transfer fluid	Agua
Inlet temperature	80 °C
Outlet temperature	75 °C
Volumetric flow rate	70 m ³ /h
Thermal power	394 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	140 °C
Outlet temperature	140 °C
Pressure	4 bara
Caudal	0,24kg/s
Power	504 kWt

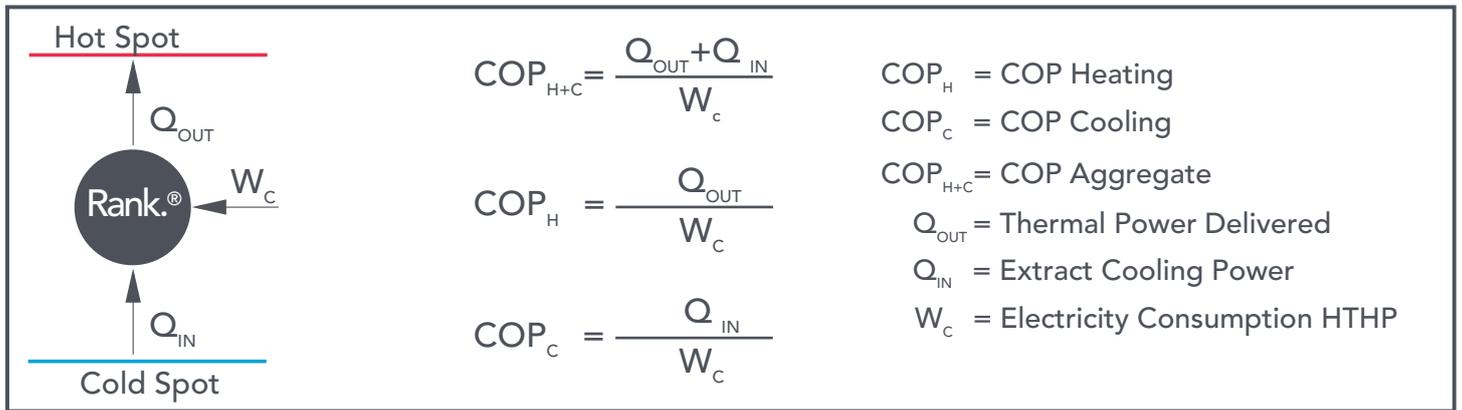


Electricity

Consumption	156 kWe
COP_H+C	5,8
COP_H	3,2
COP_C	2,5
Voltage	3x400 V

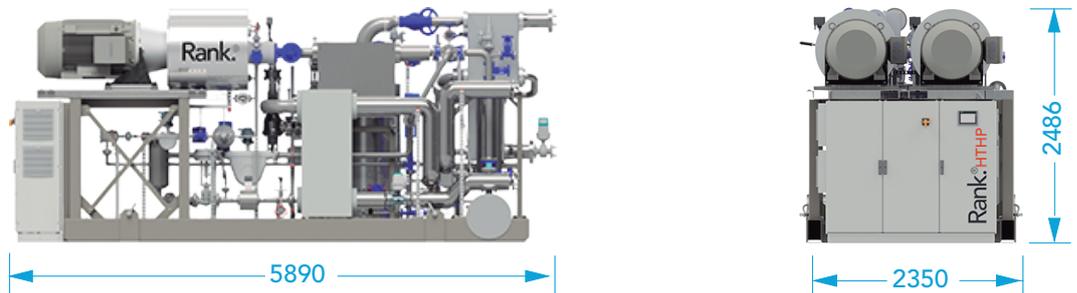


Calculation COP's

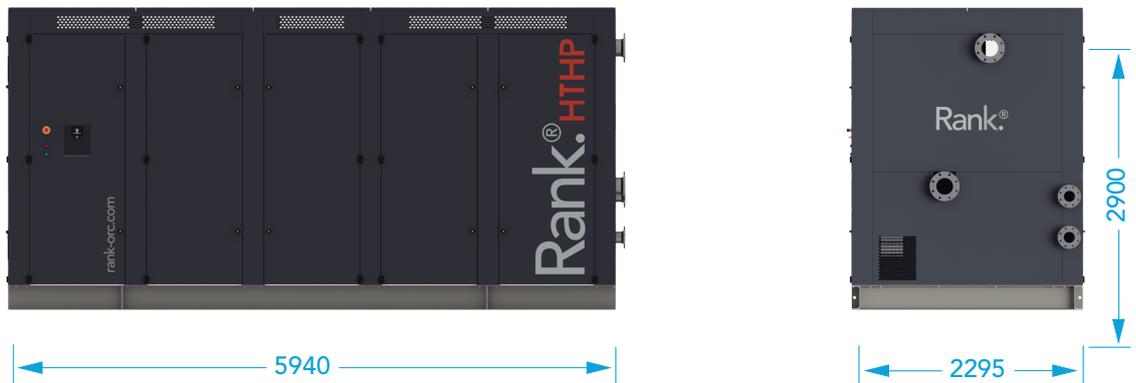


Dimensiones

Basic Option



Wrap-around Option



Container Option



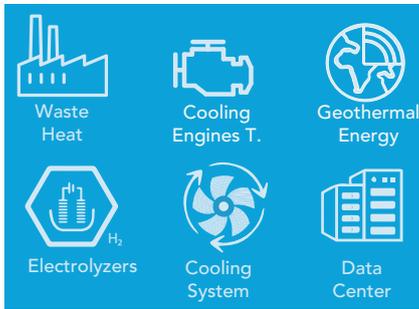
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
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- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Water-Steam COP H+C				
	Tout (°C)				
150	-	-	4,7	6,1	10,2
140	-	3,8	5,8	8,0	10,5
130	3,0	4,7	6,4	9,6	12,2
120	3,6	5,7	8,3	10,1	-
110	4,4	6,2	10,9	13,4	-
Tin (°C)	40	60	80	100	120

Heat source



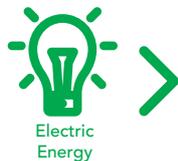
> Heat source

Heat transfer fluid	Agua
Inlet temperature	100 °C
Outlet temperature	95 °C
Volumetric flow rate	76 m³/h
Thermal power	425 kWt
Pressure drop	100 kPa



< Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	140 °C
Outlet temperature	140 °C
Pressure	4 bara
Caudal	0,23kg/s
Power	502 kWt

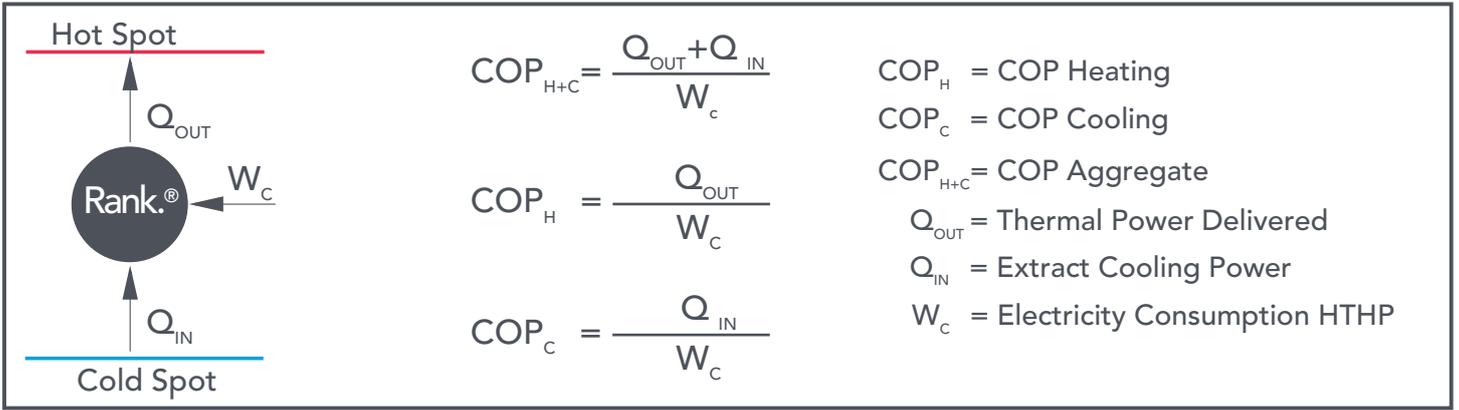


> Electricity

Consumption	116 kWe
COP_H+C	8,0
COP_H	4,3
COP_C	3,7
Voltage	3x400 V

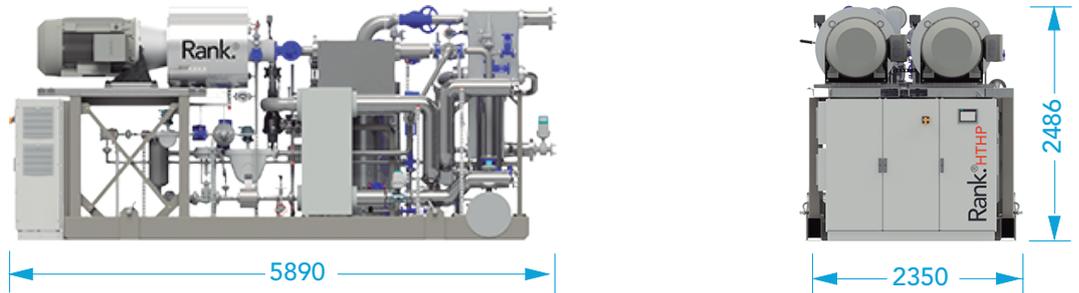


Calculation COP's

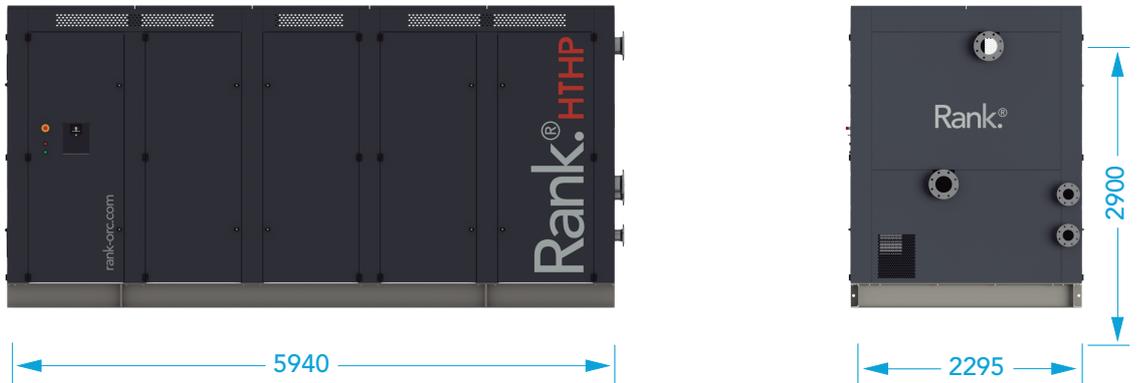


Dimensiones

Basic Option



Wrap-around Option



Container Option



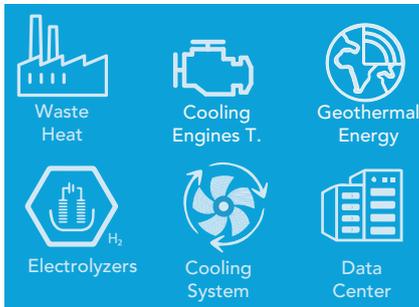
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)					Water-Steam COP H+C
	150	-	-	4,7	6,1	10,2
140	-	3,8	5,8	8,0	10,5	
130	3,0	4,7	6,4	9,6	12,2	
120	3,6	5,7	8,3	10,1	-	
110	4,4	6,2	10,9	13,4	-	
Tin (°C)	40	60	80	100	120	

Heat source



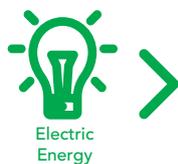
Heat source

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	105 °C
Volumetric flow rate	26 m ³ /h
Thermal power	441 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	140 °C
Outlet temperature	140 °C
Pressure	4 bara
Caudal	0,23kg/s
Power	501 kWt

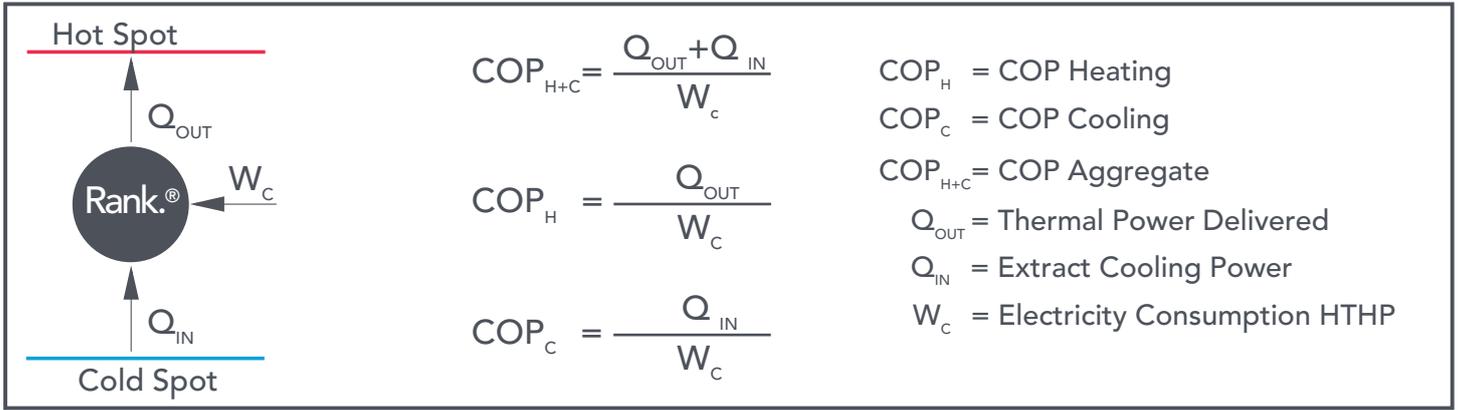


Electricity

Consumption	90 kWe
COP_H+C	10,5
COP_H	5,6
COP_C	4,9
Voltage	3x400 V

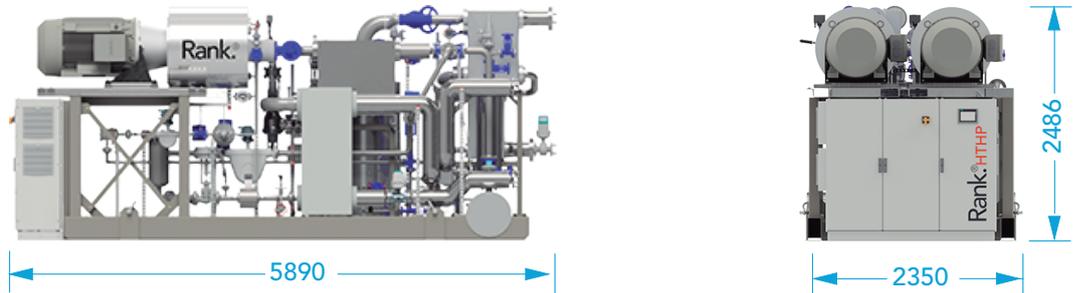


Calculation COP's

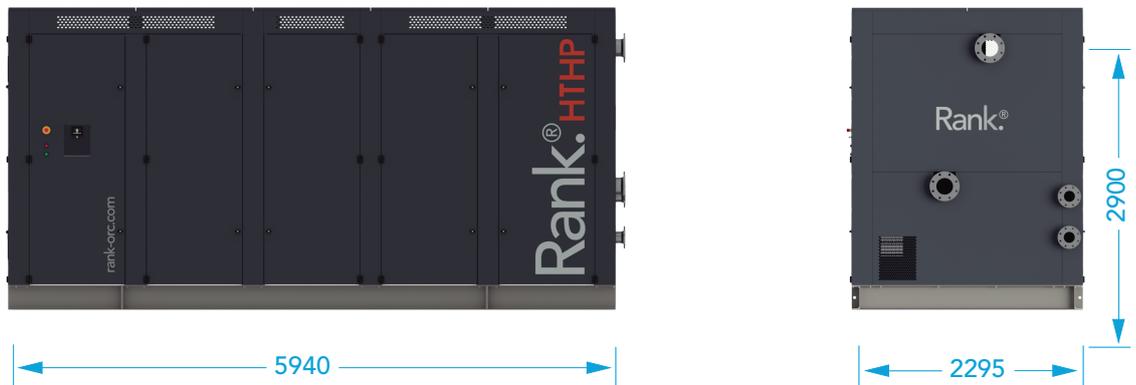


Dimensiones

Basic Option



Wrap-around Option



Container Option



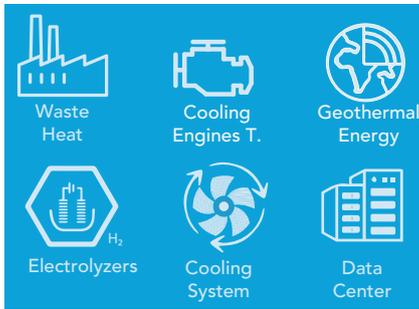
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)	Water-Steam COP H+C			
	150	-	-	4,7	6,1
140	-	3,8	5,8	8,0	10,5
130	3,0	4,7	6,4	9,6	12,2
120	3,6	5,7	8,3	10,1	-
110	4,4	6,2	10,9	13,4	-
Tin (°C)	40	60	80	100	120

Heat source



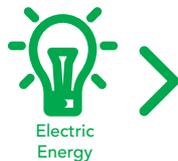
Heat source

Heat transfer fluid	Agua
Inlet temperature	40 °C
Outlet temperature	35 °C
Volumetric flow rate	58 m ³ /h
Thermal power	334 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	130 °C
Outlet temperature	130 °C
Pressure	3 bara
Caudal	0,23kg/s
Power	501 kWt

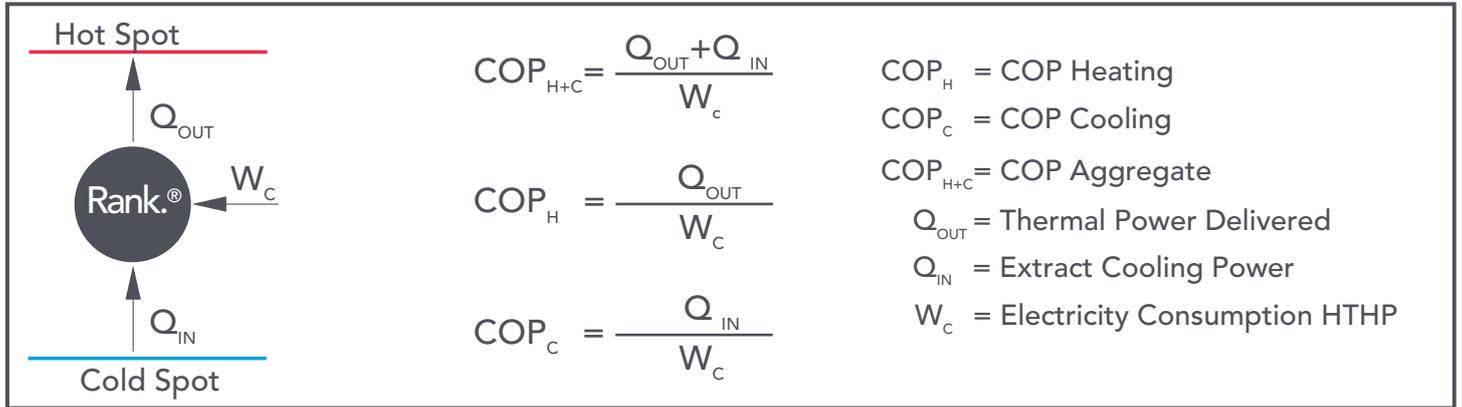


Electricity

Consumption	282 kWe
COP_H+C	3,0
COP_H	1,8
COP_C	1,2
Voltage	3x400 V

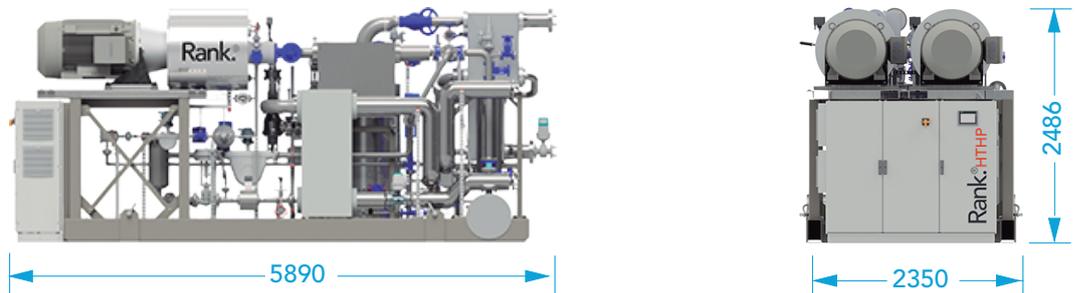


Calculation COP's

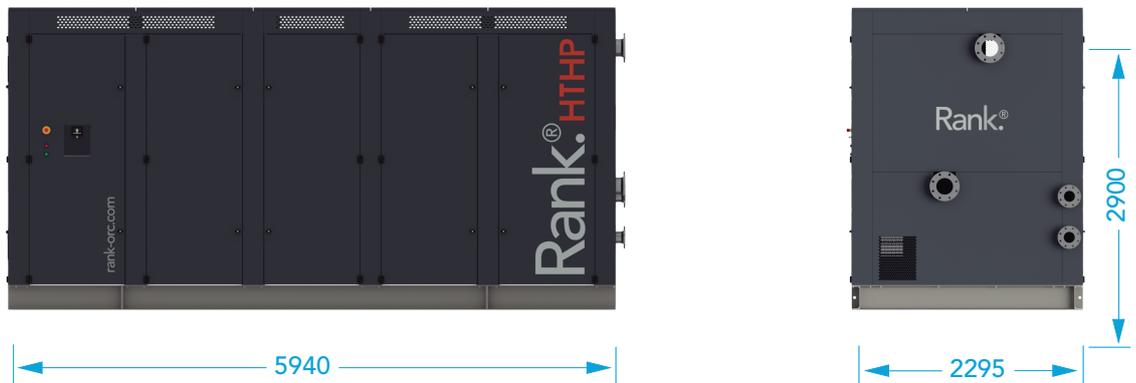


Dimensiones

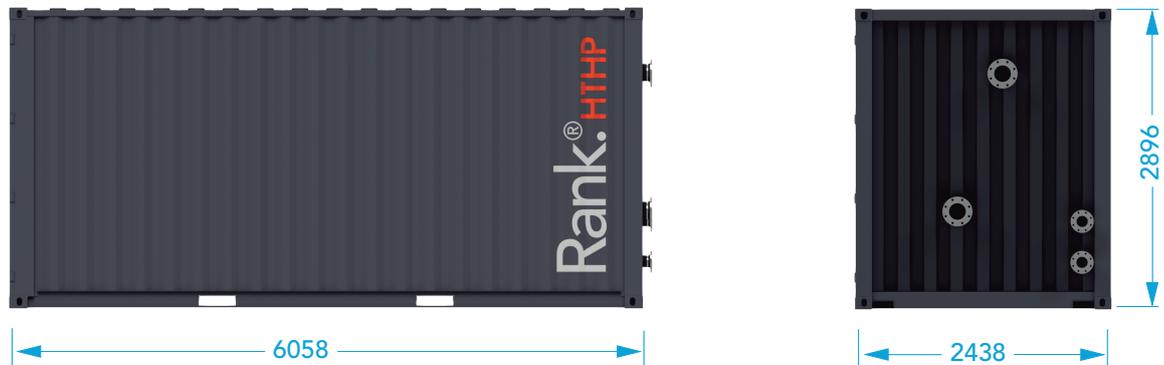
Basic Option



Wrap-around Option



Container Option

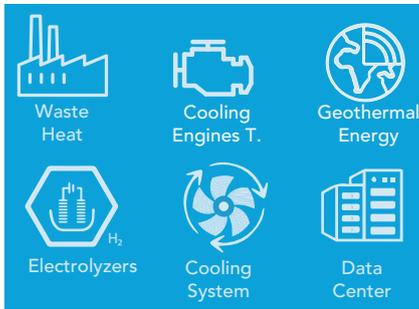


Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
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- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C			
	150	140	130	120	110	Tin (°C)
	-	-	4,7	6,1	10,2	
	-	3,8	5,8	8,0	10,5	
	3,0	4,7	6,4	9,6	12,2	
	3,6	5,7	8,3	10,1	-	
	4,4	6,2	10,9	13,4	-	
	40	60	80	100	120	
	Heat source					



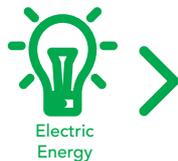
Heat source

Heat transfer fluid	Agua
Inlet temperature	60 °C
Outlet temperature	55 °C
Volumetric flow rate	66 m³/h
Thermal power	379 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	130 °C
Outlet temperature	130 °C
Pressure	3 bara
Caudal	0,23kg/s
Power	506 kWt

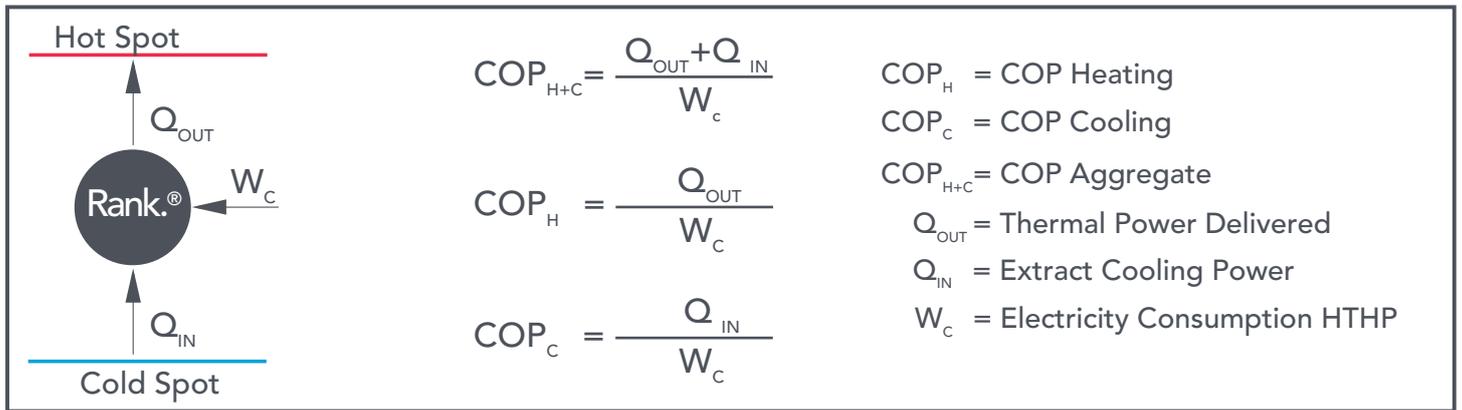


Electricity

Consumption	189 kWe
COP_H+C	4,7
COP_H	2,7
COP_C	2,0
Voltage	3x400 V

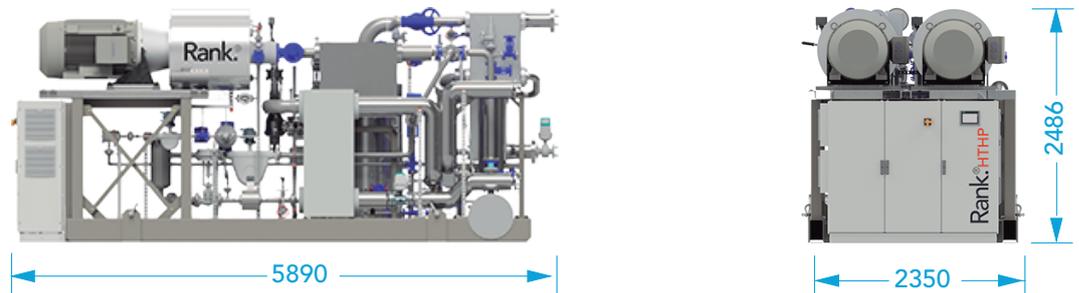


Calculation COP's

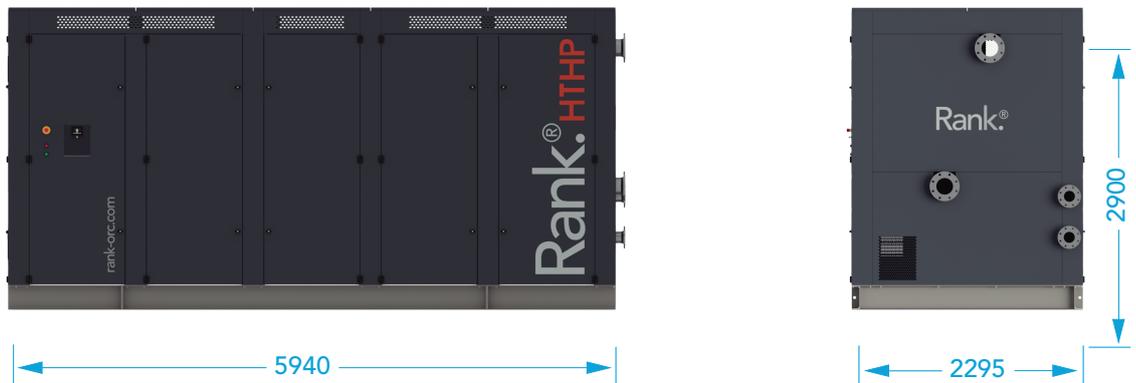


Dimensiones

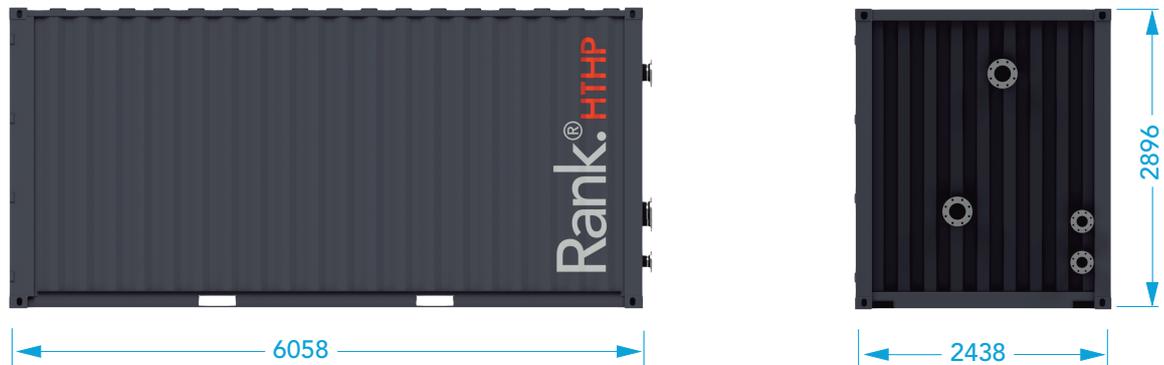
Basic Option



Wrap-around Option



Container Option



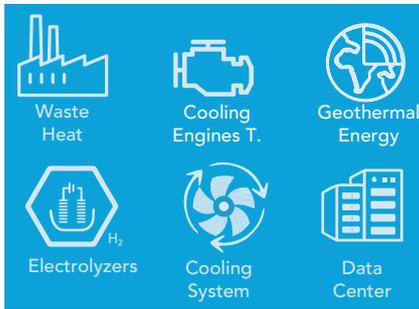
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C		
	150	140	130	120	110
	-	-	4,7	6,1	10,2
	-	3,8	5,8	8,0	10,5
	3,0	4,7	6,4	9,6	12,2
	3,6	5,7	8,3	10,1	-
	4,4	6,2	10,9	13,4	-
	Tin (°C)	40	60	80	100
				120	

Heat source



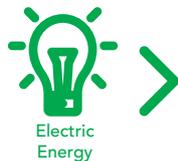
Heat source

Heat transfer fluid	Agua
Inlet temperature	80 °C
Outlet temperature	75 °C
Volumetric flow rate	72 m³/h
Thermal power	411 kWt
Pressure drop	100 kPa



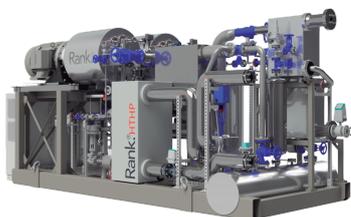
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	130 °C
Outlet temperature	130 °C
Pressure	3 bara
Caudal	0,23kg/s
Power	503 kWt

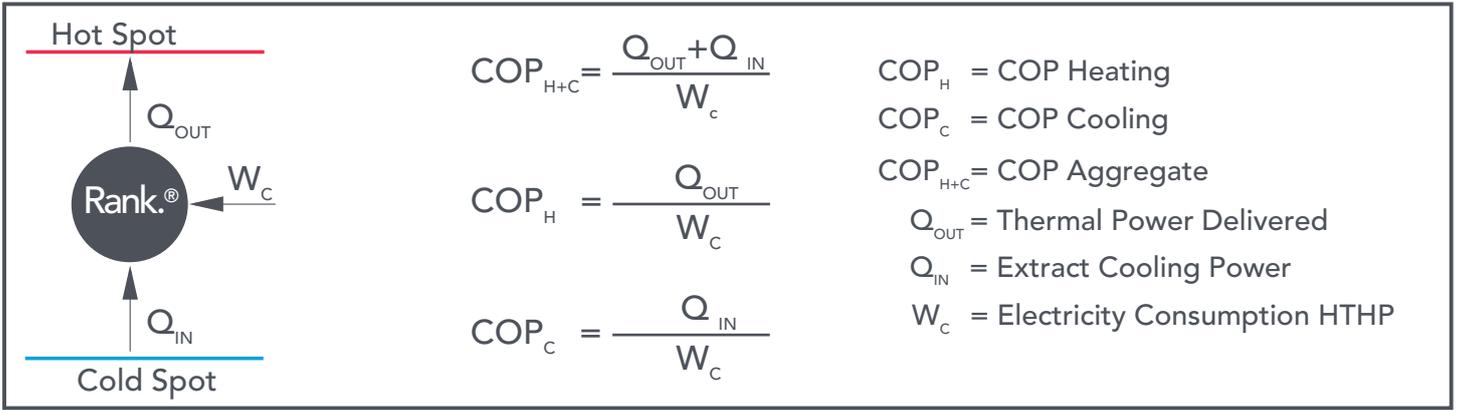


Electricity

Consumption	143 kWe
COP_H+C	6,4
COP_H	3,5
COP_C	2,9
Voltage	3x400 V

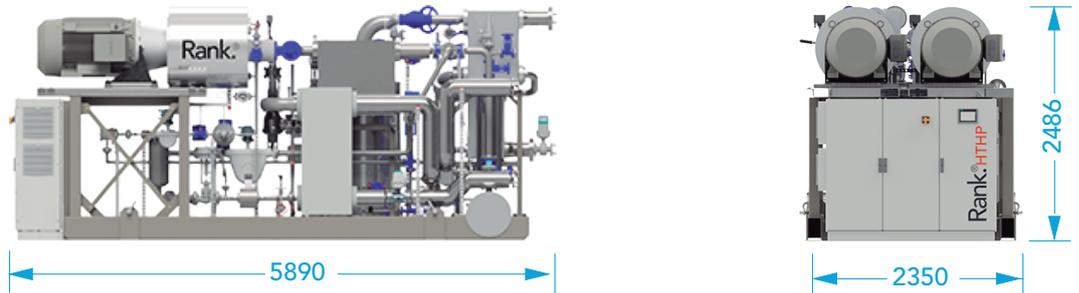


Calculation COP's

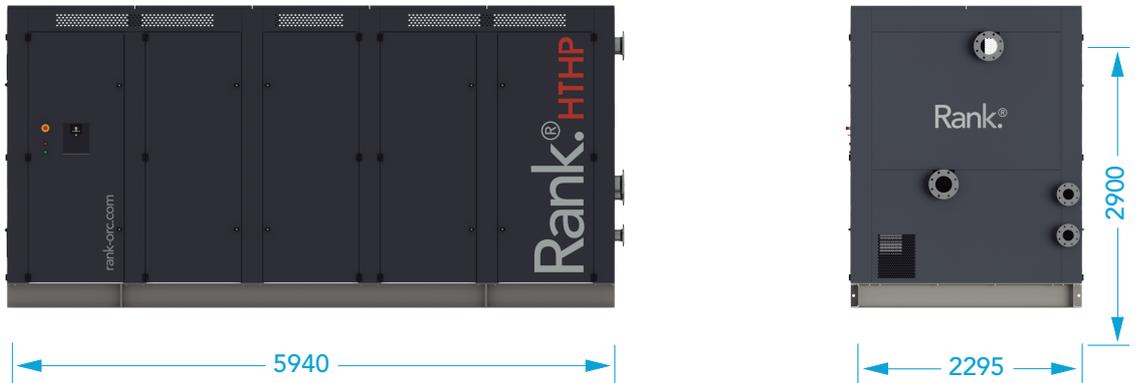


Dimensiones

Basic Option



Wrap-around Option



Container Option



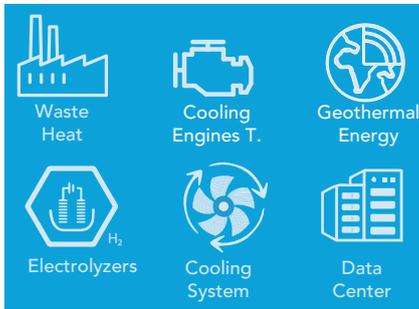
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)	Water-Steam COP H+C			
	150	-	-	4,7	6,1
140	-	3,8	5,8	8,0	10,5
130	3,0	4,7	6,4	9,6	12,2
120	3,6	5,7	8,3	10,1	-
110	4,4	6,2	10,9	13,4	-
Tin (°C)	40	60	80	100	120

Heat source



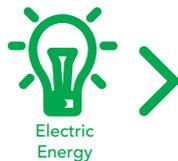
Heat source

Heat transfer fluid	Agua
Inlet temperature	100 °C
Outlet temperature	90 °C
Volumetric flow rate	38 m ³ /h
Thermal power	432 kWt
Pressure drop	100 kPa



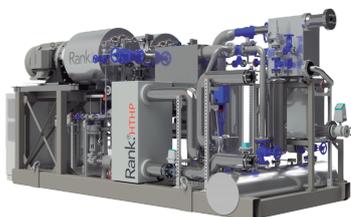
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	130 °C
Outlet temperature	130 °C
Pressure	3 bara
Caudal	0,23kg/s
Power	500 kWt

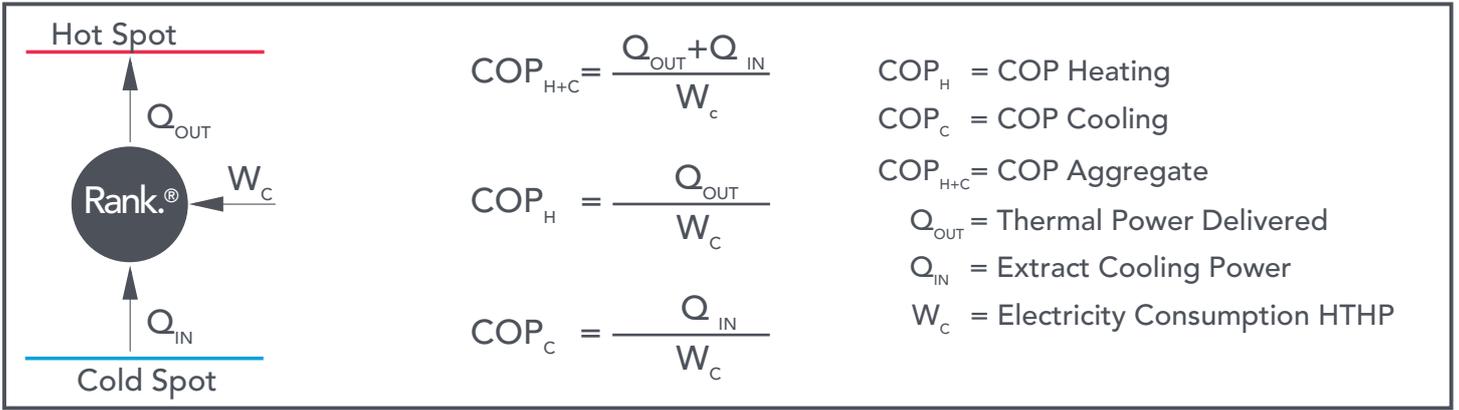


Electricity

Consumption	97 kWe
COP_H+C	9,6
COP_H	5,2
COP_C	4,5
Voltage	3x400 V

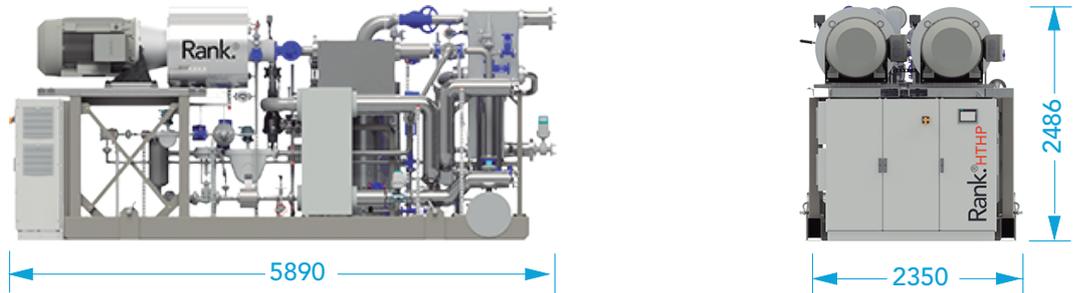


Calculation COP's

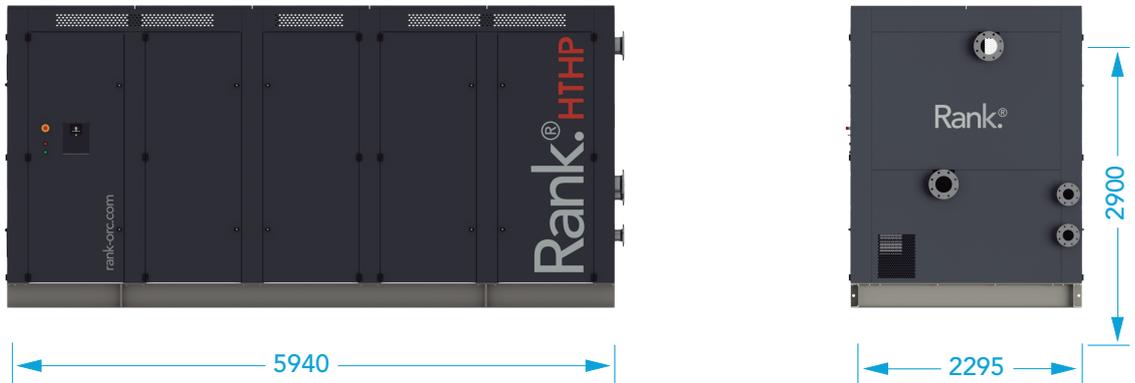


Dimensiones

Basic Option



Wrap-around Option



Container Option



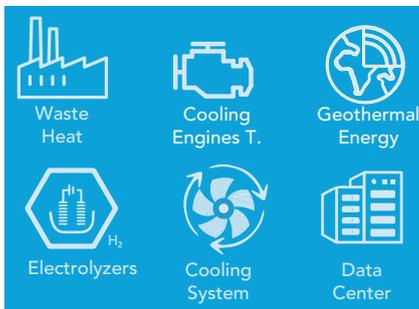
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)					Water-Steam COP H+C
	150	-	-	4,7	6,1	10,2
140	-	3,8	5,8	8,0	10,5	
130	3,0	4,7	6,4	9,6	12,2	
120	3,6	5,7	8,3	10,1	-	
110	4,4	6,2	10,9	13,4	-	
Tin (°C)	40	60	80	100	120	

Heat source



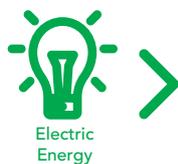
Heat source

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	100 °C
Volumetric flow rate	20 m ³ /h
Thermal power	455 kWt
Pressure drop	100 kPa



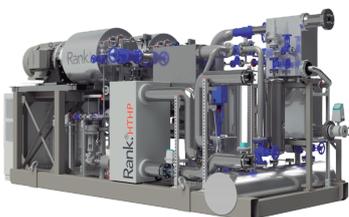
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	130 °C
Outlet temperature	130 °C
Pressure	3 bara
Caudal	0,23kg/s
Power	508 kWt

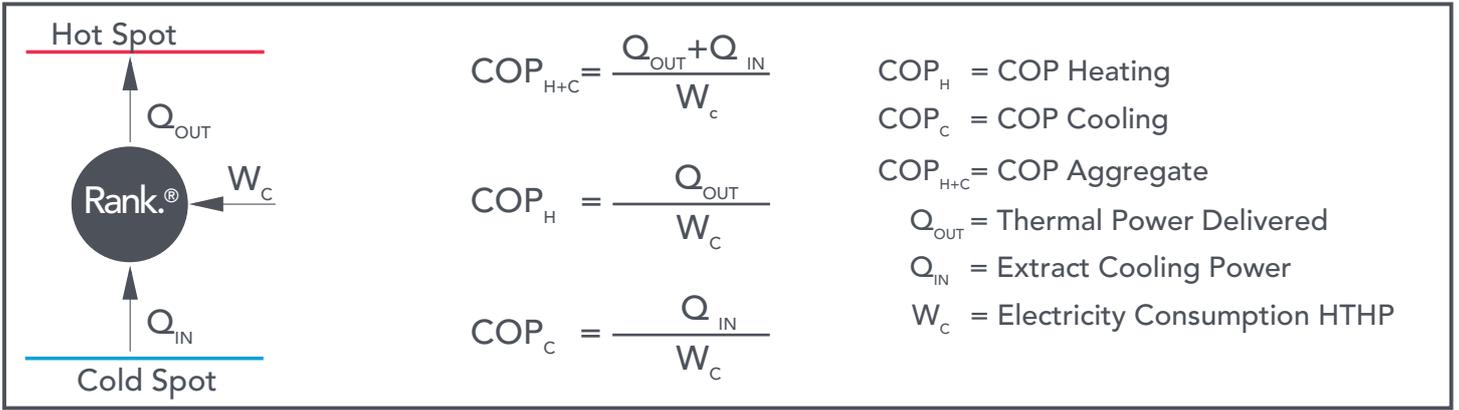


Electricity

Consumption	79 kWe
COP_H+C	12,2
COP_H	6,4
COP_C	5,7
Voltage	3x400 V

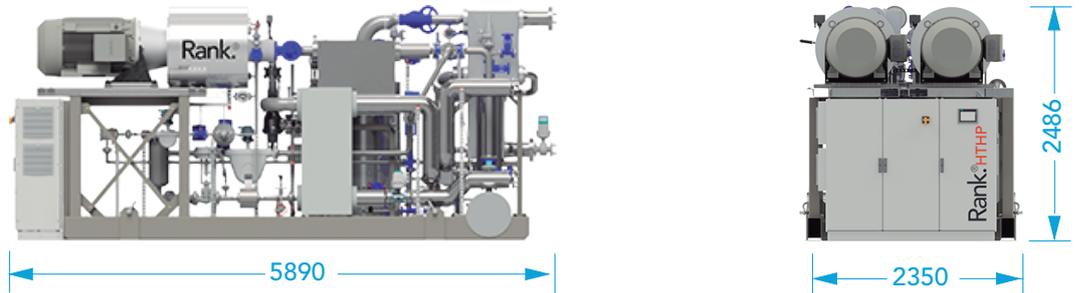


Calculation COP's

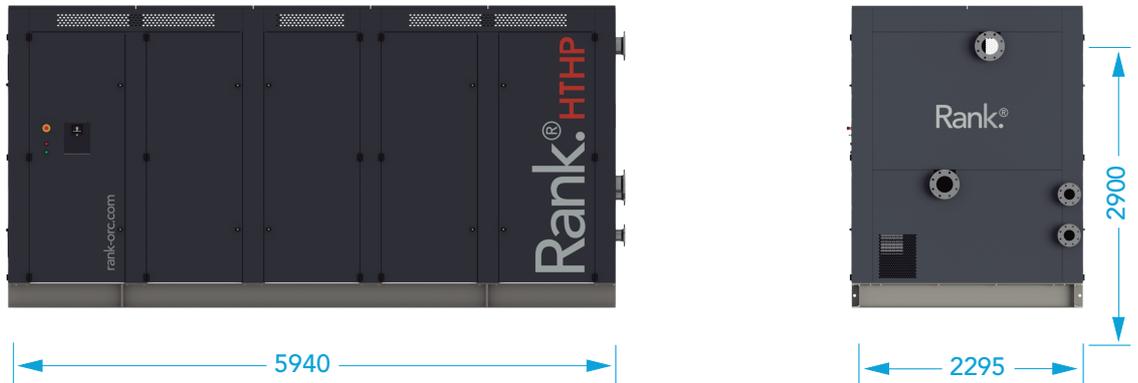


Dimensiones

Basic Option



Wrap-around Option



Container Option



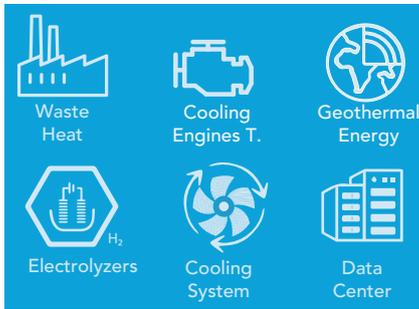
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C			
	150	140	130	120	110	Tin (°C)
	-	-	4,7	6,1	10,2	
	-	3,8	5,8	8,0	10,5	
	3,0	4,7	6,4	9,6	12,2	
	3,6	5,7	8,3	10,1	-	
	4,4	6,2	10,9	13,4	-	
	40	60	80	100	120	

Heat source



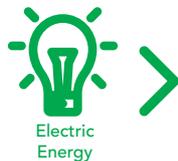
Heat source

Heat transfer fluid	Agua
Inlet temperature	40 °C
Outlet temperature	35 °C
Volumetric flow rate	61 m ³ /h
Thermal power	352 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	120 °C
Pressure	2 bara
Caudal	0,23kg/s
Power	500 kWt

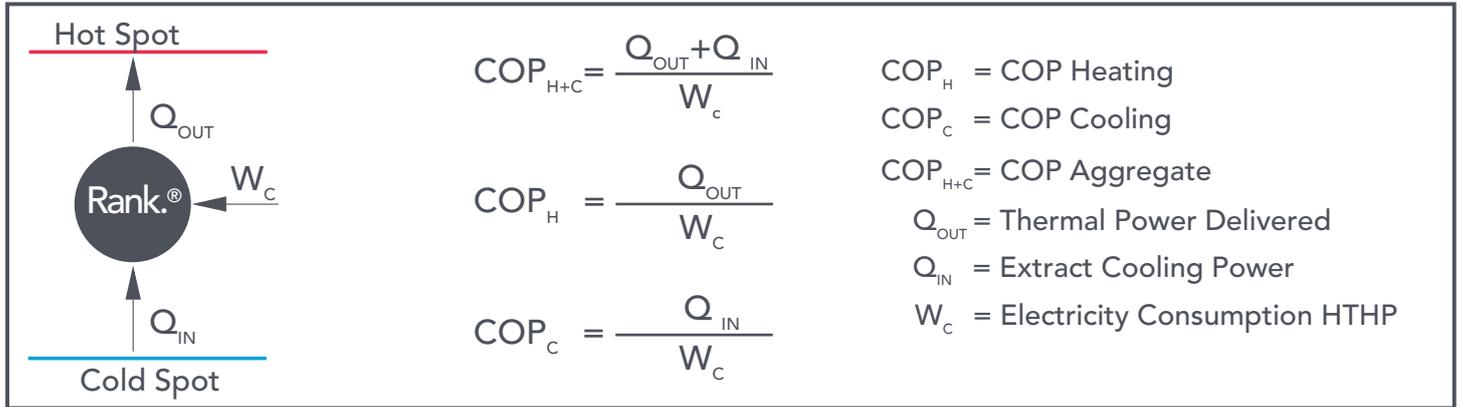


Electricity

Consumption	236 kWe
COP_H+C	3,6
COP_H	2,1
COP_C	1,5
Voltage	3x400 V

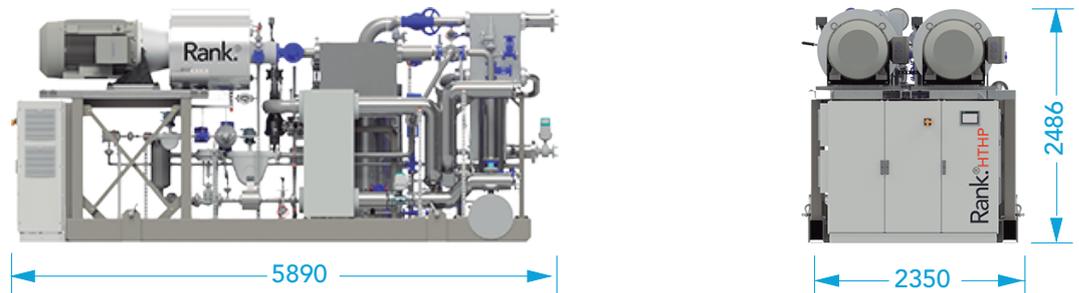


Calculation COP's

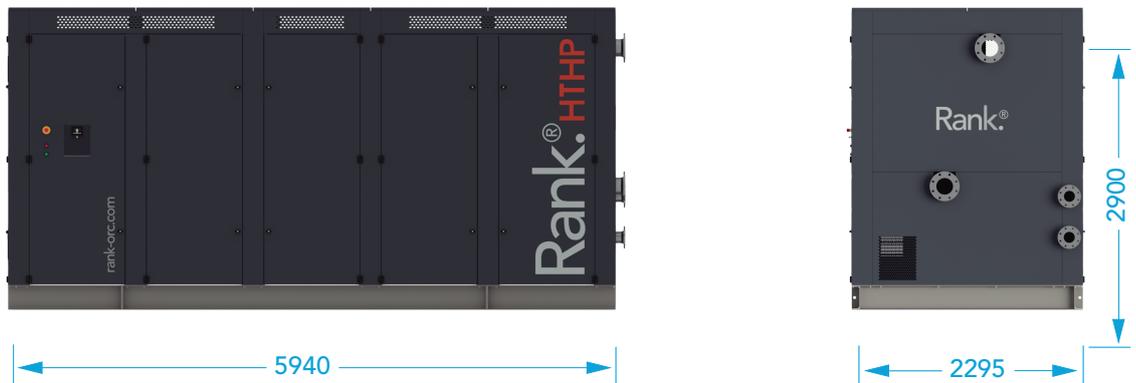


Dimensiones

Basic Option



Wrap-around Option



Container Option

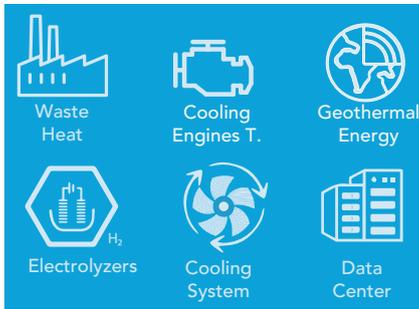


Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C		
	150	140	130	120	110
	-	-	4,7	6,1	10,2
	-	3,8	5,8	8,0	10,5
	3,0	4,7	6,4	9,6	12,2
	3,6	5,7	8,3	10,1	-
	4,4	6,2	10,9	13,4	-
	Tin (°C)	40	60	80	100
	Heat source				



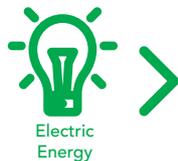
> Heat source

Heat transfer fluid	Agua
Inlet temperature	60 °C
Outlet temperature	55 °C
Volumetric flow rate	68 m ³ /h
Thermal power	391 kWt
Pressure drop	100 kPa



< Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	120 °C
Pressure	2 bara
Caudal	0,23kg/s
Power	500 kWt

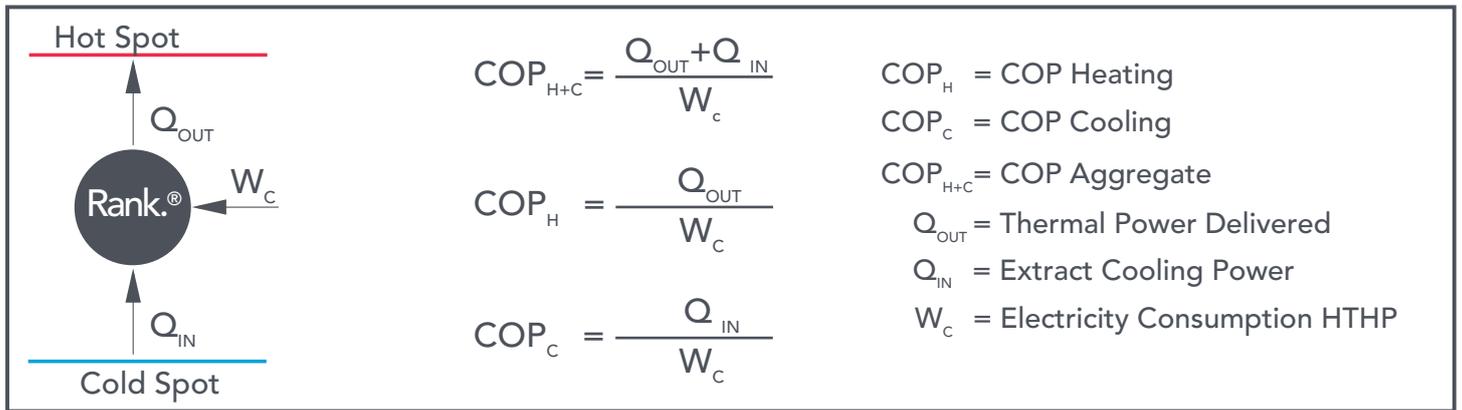


> Electricity

Consumption	157 kWe
COP_H+C	5,7
COP_H	3,2
COP_C	2,5
Voltage	3x400 V

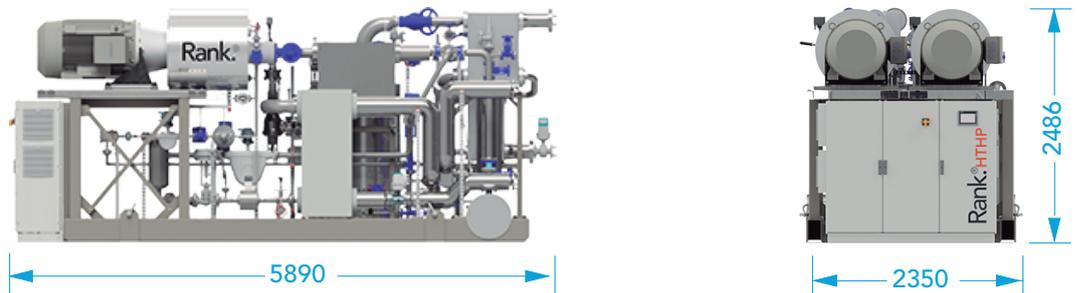


Calculation COP's

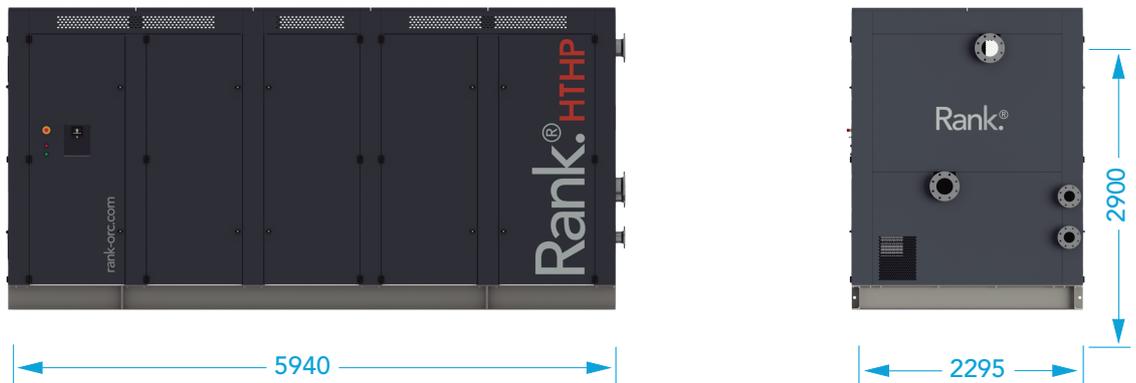


Dimensiones

Basic Option



Wrap-around Option



Container Option



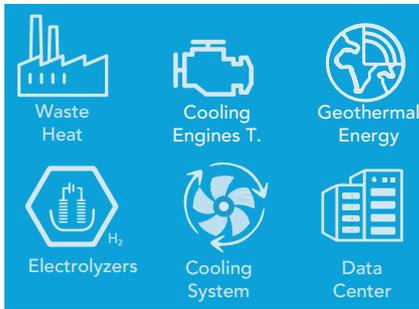
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)	Water-Steam COP H+C			
	150	-	-	4,7	6,1
140	-	3,8	5,8	8,0	10,5
130	3,0	4,7	6,4	9,6	12,2
120	3,6	5,7	8,3	10,1	-
110	4,4	6,2	10,9	13,4	-
Tin (°C)	40	60	80	100	120

Heat source



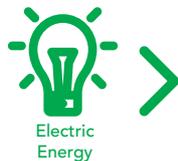
Heat source

Heat transfer fluid	Agua
Inlet temperature	80 °C
Outlet temperature	75 °C
Volumetric flow rate	76 m ³ /h
Thermal power	431 kWt
Pressure drop	100 kPa



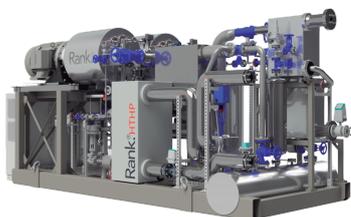
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	120 °C
Pressure	2 bara
Caudal	0,23kg/s
Power	509 kWt

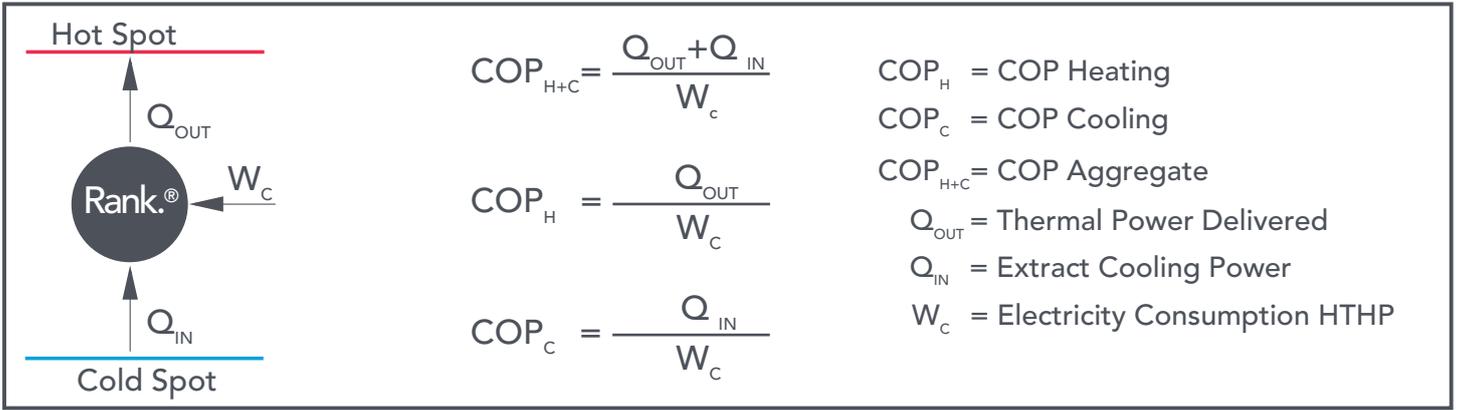


Electricity

Consumption	113 kWe
COP_H+C	8,3
COP_H	4,5
COP_C	3,8
Voltage	3x400 V

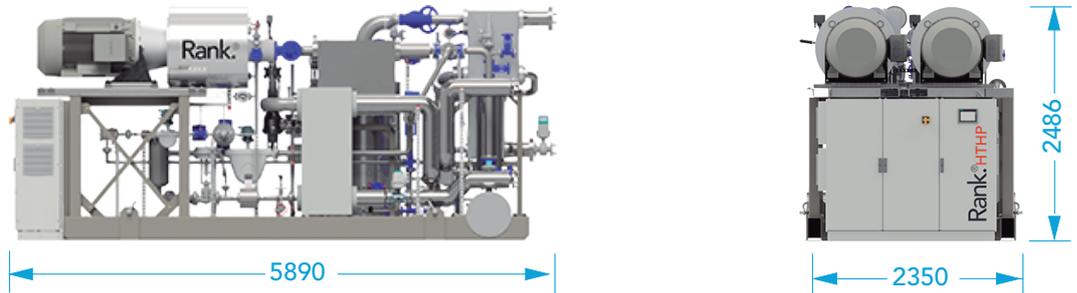


Calculation COP's

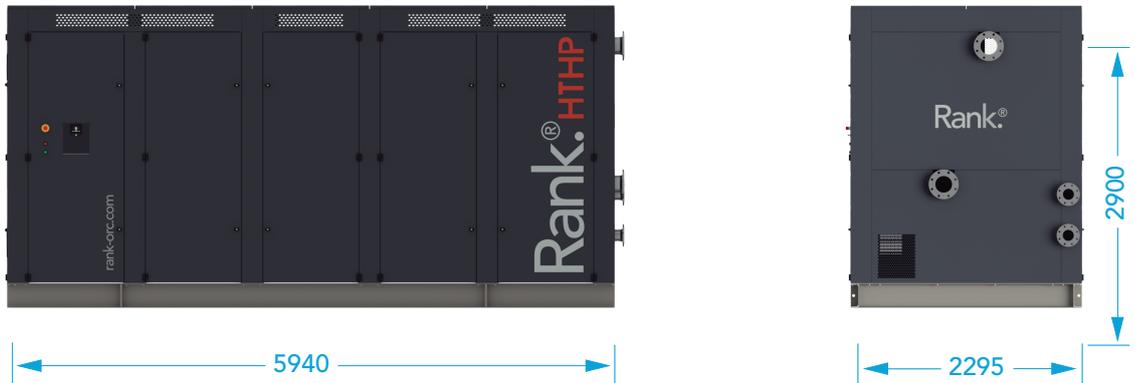


Dimensiones

Basic Option



Wrap-around Option



Container Option

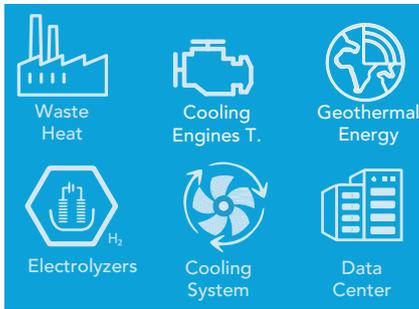


Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
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- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C		
	150	140	130	120	110
	-	-	4,7	6,1	10,2
	-	3,8	5,8	8,0	10,5
	3,0	4,7	6,4	9,6	12,2
	3,6	5,7	8,3	10,1	-
	4,4	6,2	10,9	13,4	-
	Tin (°C)	40	60	80	100
		Heat source			



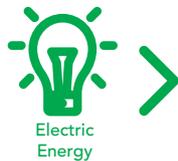
Heat source

Heat transfer fluid	Agua
Inlet temperature	100 °C
Outlet temperature	82 °C
Volumetric flow rate	22 m³/h
Thermal power	439 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	120 °C
Outlet temperature	120 °C
Pressure	2 bara
Caudal	0,23kg/s
Power	505 kWt

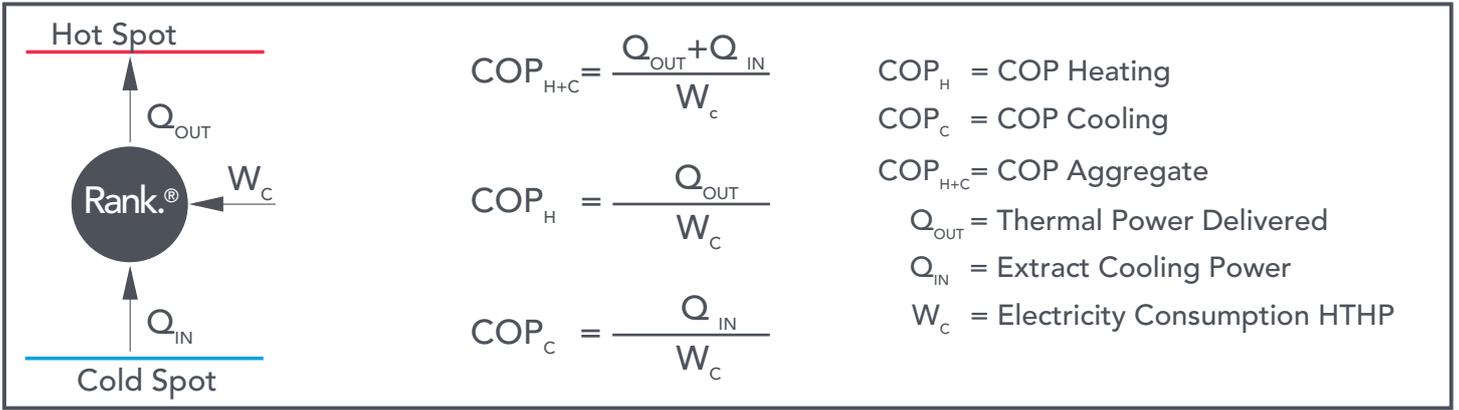


Electricity

Consumption	93 kWe
COP_H+C	10,1
COP_H	5,4
COP_C	4,7
Voltage	3x400 V

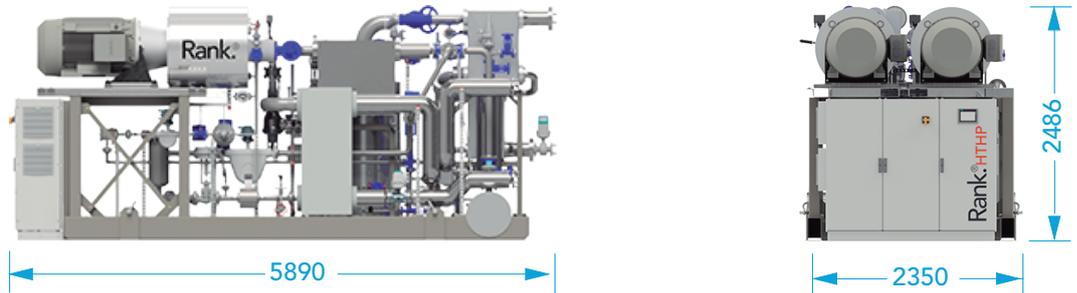


Calculation COP's

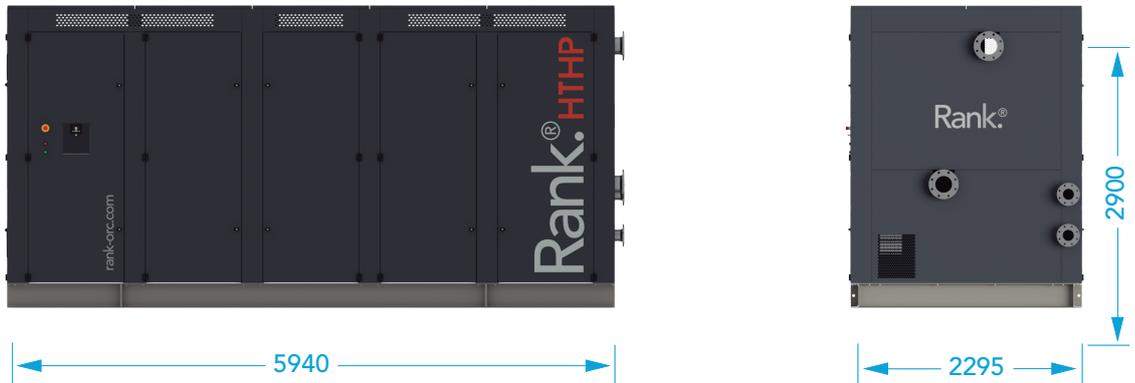


Dimensiones

Basic Option



Wrap-around Option



Container Option

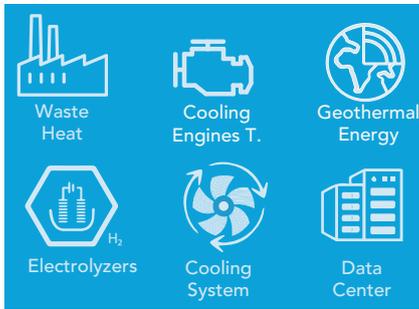


Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
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- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C		
	150	140	130	120	110
	-	-	4,7	6,1	10,2
	-	3,8	5,8	8,0	10,5
	3,0	4,7	6,4	9,6	12,2
	3,6	5,7	8,3	10,1	-
	4,4	6,2	10,9	13,4	-
	40	60	80	100	120
	Heat source				



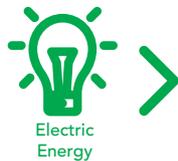
> Heat source

Heat transfer fluid	Agua
Inlet temperature	40 °C
Outlet temperature	35 °C
Volumetric flow rate	65 m³/h
Thermal power	374 kWt
Pressure drop	100 kPa



< Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	110 °C
Outlet temperature	110 °C
Pressure	1 bara
Caudal	0,23kg/s
Power	507 kWt

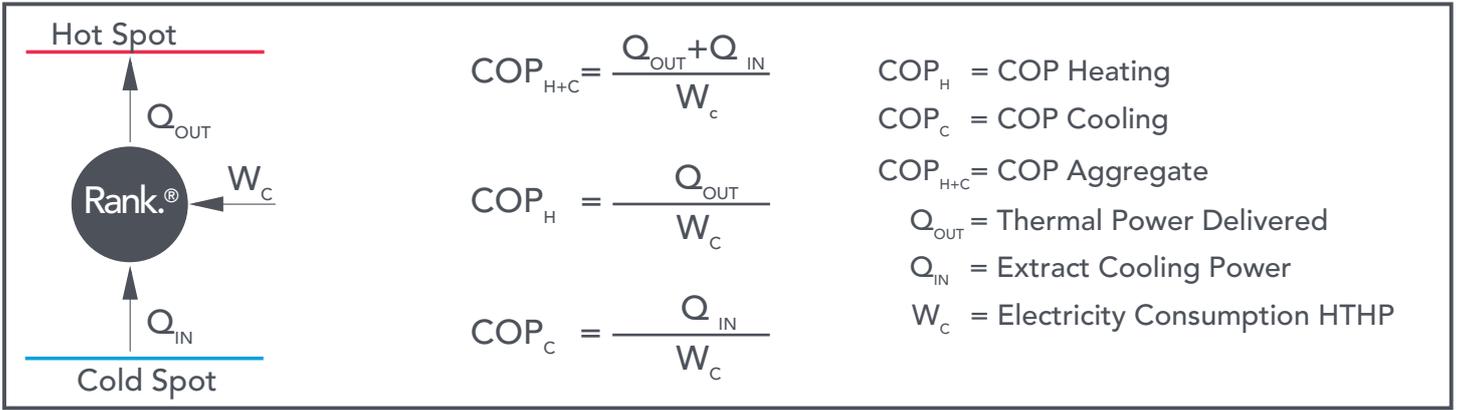


> Electricity

Consumption	200 kWe
COP_H+C	4,4
COP_H	2,5
COP_C	1,9
Voltage	3x400 V

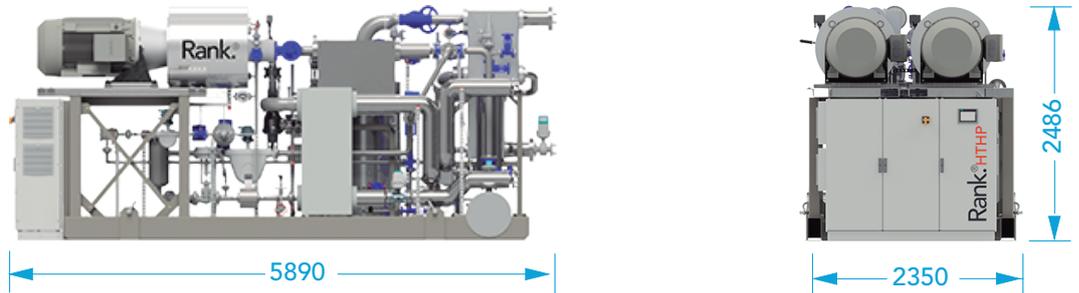


Calculation COP's

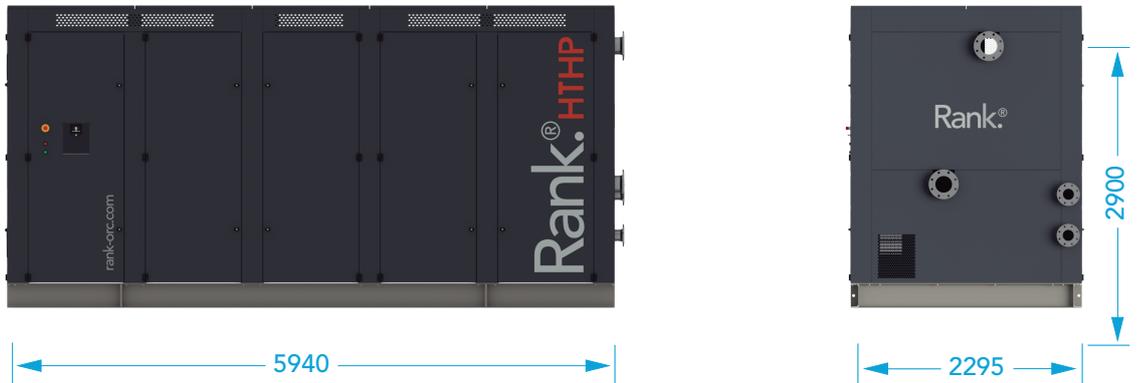


Dimensiones

Basic Option



Wrap-around Option



Container Option



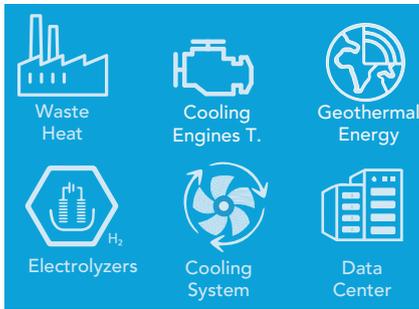
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)		Water-Steam COP H+C			
	150	140	130	120	110	
	-	-	4,7	6,1	10,2	
	-	3,8	5,8	8,0	10,5	
	3,0	4,7	6,4	9,6	12,2	
	3,6	5,7	8,3	10,1	-	
	4,4	6,2	10,9	13,4	-	
	Tin (°C)	40	60	80	100	120

Heat source



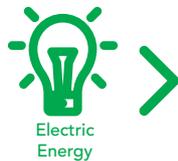
Heat source

Heat transfer fluid	Agua
Inlet temperature	60 °C
Outlet temperature	55 °C
Volumetric flow rate	71 m ³ /h
Thermal power	408 kWt
Pressure drop	100 kPa



Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	110 °C
Outlet temperature	110 °C
Pressure	1 bara
Caudal	0,23kg/s
Power	503 kWt

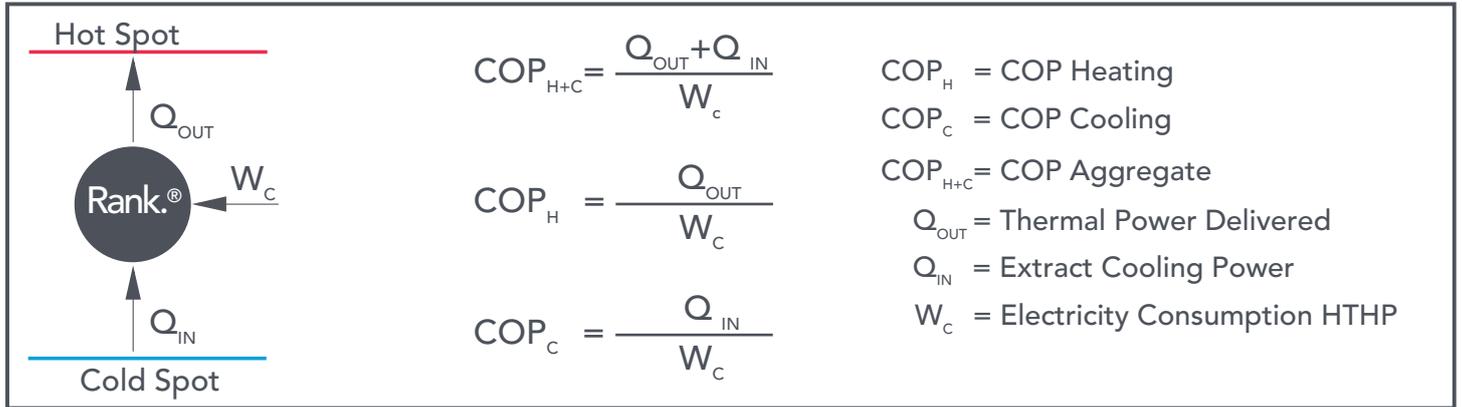


Electricity

Consumption	148 kWe
COP_H+C	6,2
COP_H	3,4
COP_C	2,8
Voltage	3x400 V

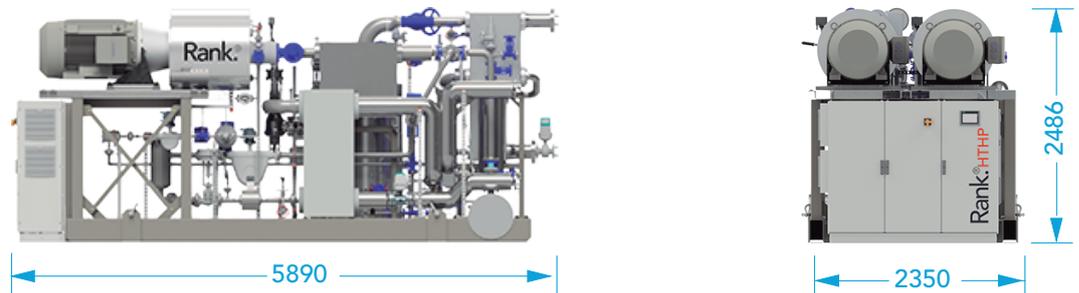


Calculation COP's

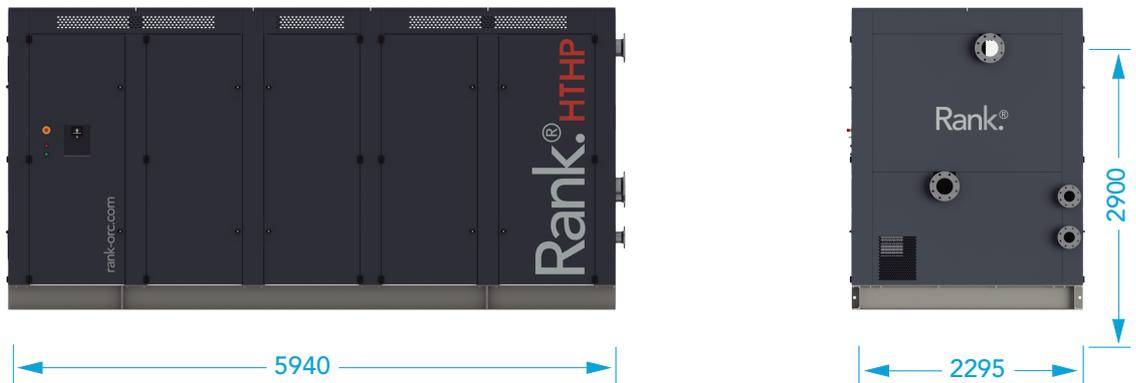


Dimensiones

Basic Option



Wrap-around Option



Container Option



Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)	Water-Steam COP H+C			
	150	-	-	4,7	6,1
140	-	3,8	5,8	8,0	10,5
130	3,0	4,7	6,4	9,6	12,2
120	3,6	5,7	8,3	10,1	-
110	4,4	6,2	10,9	13,4	-
Tin (°C)	40	60	80	100	120

Heat source



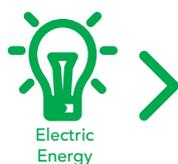
Heat source

Heat transfer fluid	Agua
Inlet temperature	80 °C
Outlet temperature	75 °C
Volumetric flow rate	78 m ³ /h
Thermal power	442 kWt
Pressure drop	100 kPa



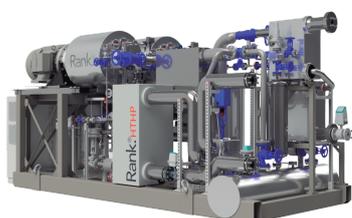
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	110 °C
Outlet temperature	110 °C
Pressure	1 bara
Caudal	0,23kg/s
Power	503 kWt

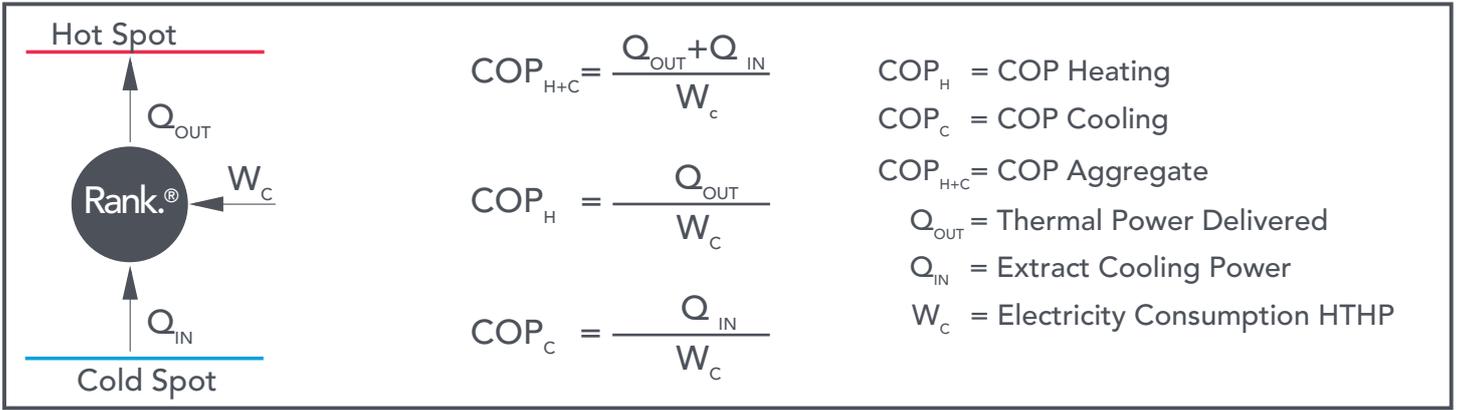


Electricity

Consumption	87 kWe
COP_H+C	10,9
COP_H	5,8
COP_C	5,1
Voltage	3x400 V

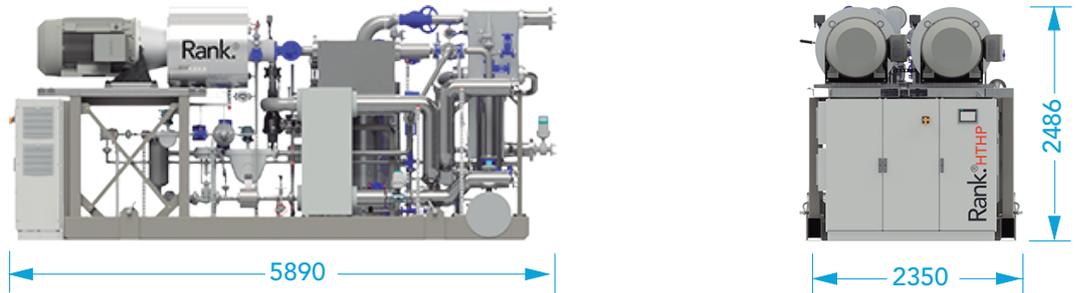


Calculation COP's

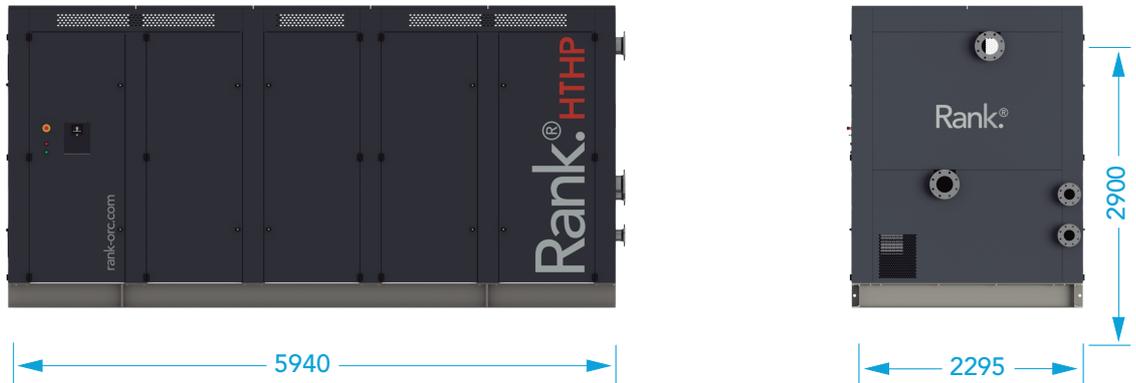


Dimensiones

Basic Option



Wrap-around Option



Container Option



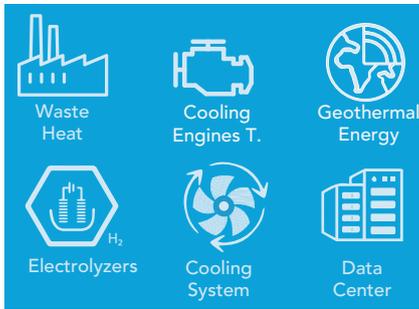
Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
- UNE EN 13136:2014+A1
- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
- ASME Boiler and Pressure Vessel Code Section VIII
- UL 508A- Control Panel Wiring
- 2014/35/UE
- 2014/30/UE

Selected operating point

Useful Heat / Disipation	Tout (°C)	Water-Steam COP H+C			
	150	-	-	4,7	6,1
140	-	3,8	5,8	8,0	10,5
130	3,0	4,7	6,4	9,6	12,2
120	3,6	5,7	8,3	10,1	-
110	4,4	6,2	10,9	13,4	-
Tin (°C)	40	60	80	100	120

Heat source



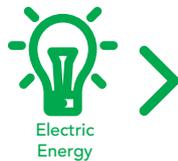
Heat source

Heat transfer fluid	Agua
Inlet temperature	100 °C
Outlet temperature	82 °C
Volumetric flow rate	22 m ³ /h
Thermal power	455 kWt
Pressure drop	100 kPa



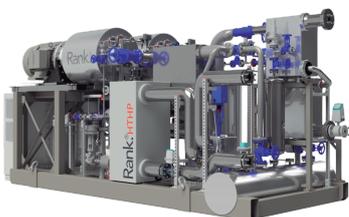
Useful heat Disipation

Heat transfer fluid	Agua
Inlet temperature	110 °C
Outlet temperature	110 °C
Pressure	1 bara
Caudal	0,23kg/s
Power	505 kWt

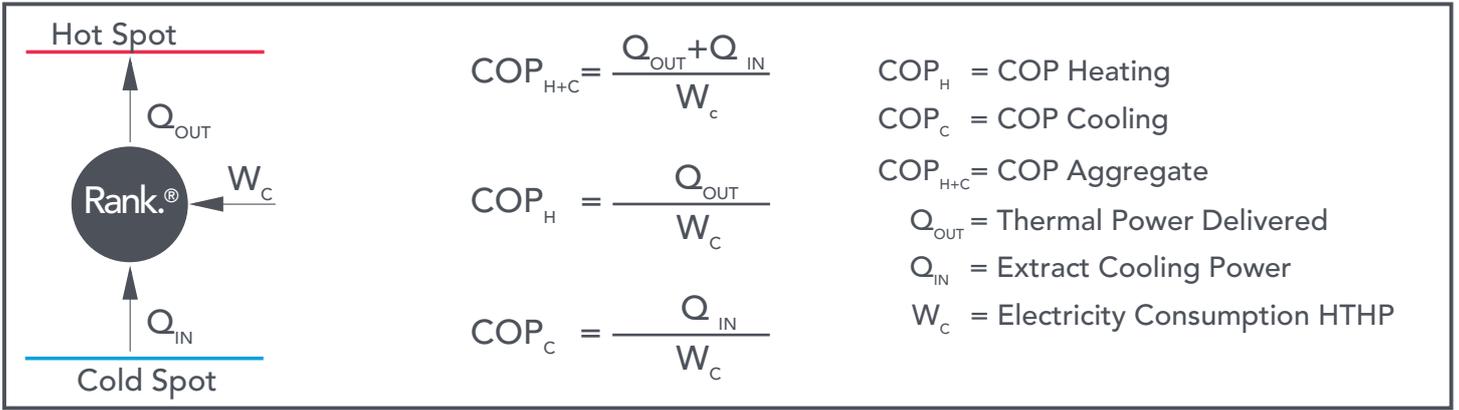


Electricity

Consumption	72 kWe
COP_H+C	13,4
COP_H	7,1
COP_C	6,4
Voltage	3x400 V

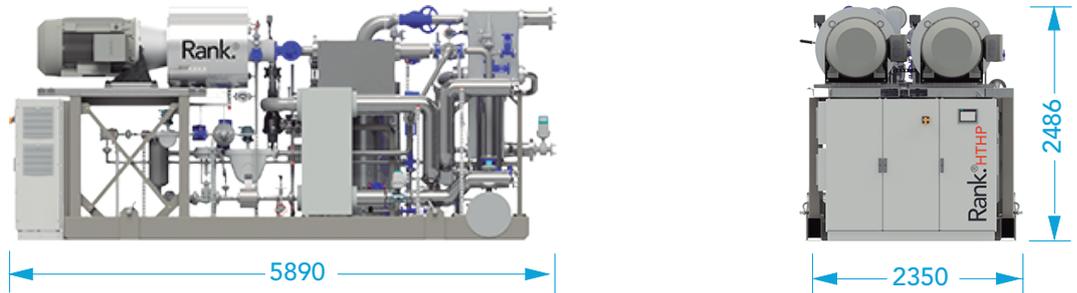


Calculation COP's

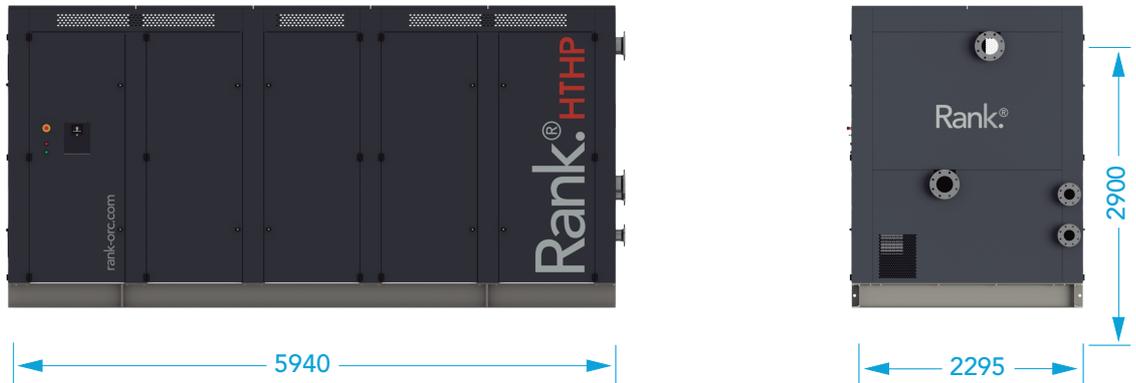


Dimensiones

Basic Option



Wrap-around Option



Container Option



Compliance with regulations and standards

- Low voltage Directive
- Machinery Directive
- Electromagnetic Compatibility Directive
- Pressurized Equipment Directive
- EN/ISO 3744:2010
- UNE EN 10216
- UNE EN 764-7
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- 2006/42/CE
- 2014/68/UE
- ASME B31.1 / ASME B31.3 – Process Piping Code
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