

## Technical data

		Type:	Europa
Water/water heat pump		NEURA	W6EuC
Performance data <sup>1)</sup>		W10/W35	W10/W55
Heating capacity	[kW]	7,715	6,824
Power consumption	[kW]	1,406	2,101
Coefficient of Performance	[1]	5,5	3,2
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	3 x 400 V/50 Hz clockwise phase sequence!	
Operating current compressor	[A]	2,6	
Starting current compressor	[A]	28	
Cos Phi compressor	[1]	0,78	
Fuse compressor	[A]	3 x C16	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	100	
Central control unit		built-in	
Compressor		Copeland ZP24KSE-TFM	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	3,3	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	0,74	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-48H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	1,81	
Evaporator pressure drop	[kPa]	6,2	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-48H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	1,32	
Condenser pressure drop	[kPa]	3,3	
Evaporator circulating pump installed - Type			or equal
Evaporator circulating pump installed - Power	[W]	-	
Evaporator circulating pump installed - Operating current	[A]	-	
Condenser circulating pump installed - Type		Wilo EA S25/6-3	or equal
Condenser circulating pump installed - Power	[W]	93	
Condenser circulating pump installed - Operating current	[A]	0,4	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S8EuC
<b>Performance data</b> <sup>1)</sup>		<b>B0/W35</b>	<b>B0/W55</b>
Heating capacity	[kW]	8,595	7,856
Power consumption	[kW]	2,014	3,334
Coefficient of Performance	[1]	4,3	2,4
Test Standard		ÖNORM EN 14511	
<b>Electrical Data</b>			
Voltage / frequency compressor	[V]/[Hz]	3 x 400 V/50 Hz clockwise phase sequence!	
Operating current compressor	[A]	4,06	
Starting current compressor	[A]	46	
Cos Phi compressor	[1]	0,72	
Fuse compressor	[A]	3 x C16	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
<b>Technical data</b>			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	105	
Central control unit		built-in	
Compressor		Copeland ZP36KSE-TFM	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	3,5	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,25	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-48H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	1,87	
Evaporator pressure drop	[kPa]	6,7	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-48H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	1,46	
Condenser pressure drop	[kPa]	2,6	
Evaporator circulating pump installed - Type		Grundfos 25/80 or equal	
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Wilo EA S25/6-3 or equal	
Condenser circulating pump installed - Power	[W]	93	
Condenser circulating pump installed - Operating current	[A]	0,4	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S10EuC 230
Performance data <sup>1)</sup>		B0/W35	B0/W55
Heating capacity	[kW]	10,046	9,054
Power consumption	[kW]	2,343	3,732
Coefficient of Performance	[1]	4,3	2,4
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	1 x 230 V/50 Hz	
Operating current compressor	[A]	11,21	
Starting current compressor	[A]	128	
Cos Phi compressor	[1]	0,52	
Fuse compressor	[A]	1 x C25	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	110	
Central control unit		built-in	
Compressor		Copeland ZP42KSE-PFZ	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	3,5	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,25	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-48H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	1,87	
Evaporator pressure drop	[kPa]	9,4	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-48H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	1,72	
Condenser pressure drop	[kPa]	3,5	
Evaporator circulating pump installed - Type		Grundfos 25/80	or equal
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Grundfos 25/80	or equal
Condenser circulating pump installed - Power	[W]	190	
Condenser circulating pump installed - Operating current	[A]	0,83	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S10EuC
Performance data <sup>1)</sup>		B0/W35	B0/W55
Heating capacity	[kW]	9,921	8,854
Power consumption	[kW]	2,324	3,754
Coefficient of Performance	[1]	4,3	2,4
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	3 x 400 V/50 Hz clockwise phase sequence!	
Operating current compressor	[A]	3,94	
Starting current compressor	[A]	43	
Cos Phi compressor	[1]	0,85	
Fuse compressor	[A]	3 x C16	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	110	
Central control unit		built-in	
Compressor		Copeland ZP42KSE-TFM	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	3,8	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,25	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-48H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	2,18	
Evaporator pressure drop	[kPa]	9	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-48H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	1,71	
Condenser pressure drop	[kPa]	3,5	
Evaporator circulating pump installed - Type		Grundfos 25/80 or equal	
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Wilo EA S25/6-3 or equal	
Condenser circulating pump installed - Power	[W]	93	
Condenser circulating pump installed - Operating current	[A]	0,4	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S14EuC 230
Performance data <sup>1)</sup>		B0/W35	B0/W55
Heating capacity	[kW]	12,641	11,247
Power consumption	[kW]	2,938	4,788
Coefficient of Performance	[1]	4,3	2,3
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	1 x 230 V/50 Hz	
Operating current compressor	[A]	14,25	
Starting current compressor	[A]	115	
Cos Phi compressor	[1]	0,52	
Fuse compressor	[A]	1 x C25	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	120	
Central control unit		built-in	
Compressor		Copeland ZP54KSE-PFZ	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	3,8	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,24	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-48H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	2,18	
Evaporator pressure drop	[kPa]	14,3	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-48H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	2,17	
Condenser pressure drop	[kPa]	5,4	
Evaporator circulating pump installed - Type		Grundfos 25/80	or equal
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Grundfos 25/80	or equal
Condenser circulating pump installed - Power	[W]	190	
Condenser circulating pump installed - Operating current	[A]	0,83	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S14EuC
Performance data <sup>1)</sup>		B0/W35	B0/W55
Heating capacity	[kW]	14,645	12,978
Power consumption	[kW]	3,436	5,443
Coefficient of Performance	[1]	4,3	2,4
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	3 x 400 V/50 Hz clockwise phase sequence!	
Operating current compressor	[A]	6,17	
Starting current compressor	[A]	64	
Cos Phi compressor	[1]	0,8	
Fuse compressor	[A]	3 x C16	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	115	
Central control unit		built-in	
Compressor		Copeland ZP61KCE-TFD	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	4	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,66	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-70H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	3,21	
Evaporator pressure drop	[kPa]	3,9	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-70H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	2,51	
Condenser pressure drop	[kPa]	5,2	
Evaporator circulating pump installed - Type		Grundfos 25/80 or equal	
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Wilo EA S25/6-3 or equal	
Condenser circulating pump installed - Power	[W]	93	
Condenser circulating pump installed - Operating current	[A]	0,4	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S18EuC
Performance data <sup>1)</sup>		B0/W35	B0/W55
Heating capacity	[kW]	17,174	15,521
Power consumption	[kW]	3,934	6,045
Coefficient of Performance	[1]	4,4	2,6
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	3 x 400 V/50 Hz clockwise phase sequence!	
Operating current compressor	[A]	6,96	
Starting current compressor	[A]	75	
Cos Phi compressor	[1]	0,82	
Fuse compressor	[A]	3 x C16	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	120	
Central control unit		built-in	
Compressor		Copeland ZP72KCE-TFD	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	4,3	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,77	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-70H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	3,78	
Evaporator pressure drop	[kPa]	13,8	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-70H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	2,95	
Condenser pressure drop	[kPa]	5,3	
Evaporator circulating pump installed - Type		Grundfos 25/80	or equal
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Grundfos 25/80	or equal
Condenser circulating pump installed - Power	[W]	190	
Condenser circulating pump installed - Operating current	[A]	0,83	

1) Due to compressor, discrepancies of performance by up to 10% are possible

## Technical data

		Type:	Europa
Brine/water heat pump		NEURA	S20EuC
Performance data <sup>1)</sup>		B0/W35	B0/W55
Heating capacity	[kW]	19,476	17,944
Power consumption	[kW]	4,456	6,997
Coefficient of Performance	[1]	4,4	2,6
Test Standard		ÖNORM EN 14511	
Electrical Data			
Voltage / frequency compressor	[V]/[Hz]	3 x 400 V/50 Hz clockwise phase sequence!	
Operating current compressor	[A]	8,72	
Starting current compressor	[A]	101	
Cos Phi compressor	[1]	0,74	
Fuse compressor	[A]	3 x C16	
Voltage / frequency control unit	[V]/[Hz]	230 V/50 Hz	
Fuse control unit	[A]	1 x C13	
Technical data			
Heat Pump Dimensions H x W x T	[cm]	71 x 45 x 80	
Heat Pump weight	[kg]	120	
Central control unit		built-in	
Compressor		Copeland ZP83KCE-TFD	
Refrigerant - Type		R410a	
Refrigerant - Amount	[kg]	4,5	
Refrigeration Oil - Type		RL32 3MAF	
Refrigeration Oil - Amount	[l]	1,77	
Evaporator - Type		Stainless steel plate heat exchanger	
Evaporator - Model		Alfa Laval CBH60-70H	
Evaporator throughput at $\Delta t = 3K$	[m <sup>3</sup> /h]	4,29	
Evaporator pressure drop	[kPa]	17,4	
Capacitor - Type		Stainless steel plate heat exchanger	
Capacitor - Model		Alfa Laval CBH60-70H	
Condenser throughput at $\Delta t = 5K$	[m <sup>3</sup> /h]	3,34	
Condenser pressure drop	[kPa]	6,7	
Evaporator circulating pump installed - Type		Grundfos 25/80	or equal
Evaporator circulating pump installed - Power	[W]	190	
Evaporator circulating pump installed - Operating current	[A]	0,83	
Condenser circulating pump installed - Type		Grundfos 25/80	or equal
Condenser circulating pump installed - Power	[W]	190	
Condenser circulating pump installed - Operating current	[A]	0,83	

1) Due to compressor, discrepancies of performance by up to 10% are possible