

Technical data

Air/water heat pump

Type: Europa

NEURA L6EuC

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	5,82	5,29
Power consumption	[kW]	1,356	2,258
Coefficient of Performance	[1]	4,29	2,54
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]	2,48
Starting current compressor	[A]	18
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 ZH04K1P-TFM
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	4
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	0,74
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 1
Evaporator throughput	[m³/h]	4472
Evaporator pressure drop	[kPa]	20
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	0,98
Condenser pressure drop	[kPa]	1,9
Evaporator fan built-in - Type		1x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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

Air/water heat pump

Type: Europa
NEURA L8EuC 230

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	8,98	8,30
Power consumption	[kW]	2,091	3,188
Coefficient of Performance	[1]	4,3	2,6
Test Standard		ÖNORM EN 14511	

Electrical Data

Voltage / frequency compressor	[V]/[Hz]	1 x 230 V/50 Hz
Operating current compressor	[A]	9,12
Starting current compressor	[A]	106
Cos Phi compressor	[1]	0,80
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]	105
Central control unit		built-in
Compressor		Copeland ZH06K1P-PFZ
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	5
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	1,25
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 1
Evaporator throughput	[m³/h]	4472
Evaporator pressure drop	[kPa]	20
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	1,46
Condenser pressure drop	[kPa]	2,6
Evaporator fan built-in - Type		1x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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

Air/water heat pump

Type: Europa

NEURA L8EuC

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	8,92	8,09
Power consumption	[kW]	2,084	3,493
Coefficient of Performance	[1]	4,28	2,54
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]	3,66
Starting current compressor	[A]	24
Cos Phi compressor	[1]	0,80
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]	105
Central control unit		built-in
Compressor		Copeland ZH06K1P-TFM
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	5
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	1,25
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 1
Evaporator throughput	[m³/h]	4472
Evaporator pressure drop	[kPa]	20
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	1,46
Condenser pressure drop	[kPa]	2,6
Evaporator fan built-in - Type		1x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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

Air/water heat pump

Type: Europa
NEURA L10EuC

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	10,14	9,23
Power consumption	[kW]	2,391	3,881
Coefficient of Performance	[1]	4,24	2,53
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]	4,21
Starting current compressor	[A]	30
Cos Phi compressor	[1]	0,81
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 ZH09K1P-TFM
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	6
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	1,25
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 1
Evaporator throughput	[m³/h]	5720
Evaporator pressure drop	[kPa]	31
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	1,71
Condenser pressure drop	[kPa]	3,5
Evaporator fan built-in - Type		1x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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

Air/water heat pump

Type: Europa
NEURA L14EuC

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	14,35	13,09
Power consumption	[kW]	3,425	5,457
Coefficient of Performance	[1]	4,18	2,51
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]	6,21
Starting current compressor	[A]	43
Cos Phi compressor	[1]	0,79
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 ZH012K1-PTFM
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	7
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	1,66
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 1
Evaporator throughput	[m³/h]	6824
Evaporator pressure drop	[kPa]	43
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	2,51
Condenser pressure drop	[kPa]	5,2
Evaporator fan built-in - Type		1x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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

Air/water heat pump

Type: Europa
NEURA L18EuC

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	17,08	15,79
Power consumption	[kW]	4,064	6,603
Coefficient of Performance	[1]	4,31	2,56
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]	7,29
Starting current compressor	[A]	56
Cos Phi compressor	[1]	0,81
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 ZH15K1P-TFM
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	8,5
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	1,77
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 2
Evaporator throughput	[m³/h]	8784
Evaporator pressure drop	[kPa]	20
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	2,95
Condenser pressure drop	[kPa]	5,3
Evaporator fan built-in - Type		2x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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

Air/water heat pump

Type: Europa
NEURA L20EuC

Performance data ¹⁾		A2/W35	A2/W55
Heating capacity	[kW]	20,04	18,26
Power consumption	[kW]	4,714	7,638
Coefficient of Performance	[1]	4,28	2,55
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]	8,61
Starting current compressor	[A]	63
Cos Phi compressor	[1]	0,80
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 ZH19K1P-TFM
Refrigerant - Type		R410a
Refrigerant - Amount	[kg]	9,5
Refrigeration Oil - Type		RL32 3MAF
Refrigeration Oil - Amount	[l]	1,77
Evaporator - Type		Cu/Al heat exchanger fins
Evaporator - Model		Neura Premium 2
Evaporator throughput	[m³/h]	11456
Evaporator pressure drop	[kPa]	31
Capacitor - Type		Stainless steel plate heat exchanger
Capacitor - Model		Alfa Laval CBH60-40H
Condenser throughput at $\Delta t = 5K$	[m³/h]	3,34
Condenser pressure drop	[kPa]	6,7
Evaporator fan built-in - Type		2x Ziehl Abegg FN063
Evaporator fan built-in - Power	[W]	160
Evaporator fan built-in - Operating current	[A]	0,24
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