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PRODUCT DATA SHEET · ISSUE DATE 2026-11-09

Heat pump centre WOLF CHC-Split 16/300-50 (R 410A), 9146676

Item number: 1400542 · Brand: WOLF



Technical data

WOLF ADVANTAGES

AIR/WATER HEAT PUMP CENTRES		CHC-SPLIT	0 4 - 05
AIR/WATER HEAT PUMP CENTRE		0 6	
INDOOR UNIT / OUTDOOR UNIT		09	
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CHC-SPLIT		13 -14	
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SCOPE OF DELIVERY / ACCESSORIES		18	

Refrigerant

Inverter technology:		Cooling and modulation down to 22%		
Worry-free complete solution for one to two-family homes:		Hot water storage tank 280 litre:		
Refrigerant		FV68S	FV68S	
Refrigerant charge		ml	650	650
Compressor		Rotary vane	Rotary vane	
Maximum operating pressure	bar	43		

A2/W35 Rated capacity		kW / -	3,4 / 3,7	5,0 / 3,5	
A7/W35 Rated capacity		kW / -	5,2 / 4,9	7,3 / 4,8	
A-7/W35 Max. capacity		kW / -	5,1 / 2,9	6,2 / 2,7	
Capacity range at A2/W35	kW	1,9 - 6,6	1,9 - 8,8		
A35/W7 Rated capacity		kW / -	4,5 / 2,5	7,6 / 2,7	
A35/W18 Rated capacity		kW / -	6,1 /3,5	9,0 / 3,8	
Compressor		kW / -	1,6 - 6,9	2,9 - 9,6	
Refrigerant		POE	POE	POE	
Refrigerant charge		ml	1100		
Compressor		Rotary vane compressor			
Maximum operating pressure	bar	43			
A2/W35 Rated capacity		kW / -	7,6 / 3,8	8,8 / 3,8	10,8 / 3,3
A7/W35 Rated capacity		kW / -	10,2 / 4,8	12,1 / 4,8	17,5 / 4,0
A-7/W35 Max. capacity		kW / -	8,1 / 2,7	8,7 / 2,7	10,9 / 2,4
Capacity range at A2/W35	kW	2,9 - 10,6	3,1 - 12,4	3,5 - 12,2	
A35/W7 Rated capacity		kW / -	8,8 / 2,7	10,7 / 2,5	11,7 / 2,1
A35/W18 Rated capacity		kW / -	8,7 / 4,1	12,0 / 3,4	13,0 / 2,5
Compressor		kW / -	3,1 - 11,0	3,2 - 13,2	4,5 - 14,3

SEPARATE STORAGE TANK

Worry-free complete solution for single-family homes:	Hot water storage tank 180 litre:

For reliable provision of defrost energy in systems

Refrigerant	Variant with separate buffer storage tank (hydraulically decoupled).

SPLIT AIR/WATER	HEAT PUMP BWL-1S

OUTDOOR UNIT

SPLIT AIR/WATER	HEAT PUMP BWL-1S

Absorb environmental heat, the cycle begins anew.

TECHNICAL		DATA	BWL-1S	05/230V	07/230V
Energy efficiency class	A	++	++2)		
Energy efficiency class	A	+	++		
Width x Height x Depth Outdoor unit (incl. feet, incl. front doors)	mm	964 x 862 x 363	964 x 862 x 363		
Width x Height x Depth Indoor unit (incl. feet, incl. front doors)	mm	440 x 790 x 340	440 x 790 x 340		
Net weight	kg	66	66		
Net weight	kg	33	33		

Refrigerant circuit

Refrigerant charge		- / kg	R410A / 2,15	R410A / 2,15	
Refrigerant	m	25			
Refrigerant charge		- / kg	R410A / 2,95	R410A / 2,95	R410A / 3,5
Refrigerant	m	25			

Sound Outdoor unit

dB(A)		59	61		
Sound pressure level	dB(A	61	63		
Sound pressure level	dB(A	56	56		
dB(A)		61	63	64	
Sound pressure level	dB(A	64	65	66	
Sound pressure level	dB(A	57	57	57	

Operating limits

Temperature operating limits heating operation	°C	+20 bis +55
Temperature operating limits cooling operation	°C	+7 bis +20
Maximum heating water temperature with electric auxiliary heating	°C	75

Temperature operating limits air heating operation min/max	°C	-20 / +35			
Temperature operating limits air cooling operation min/max	°C	+10 / +45			
Temperature operating limits heating operation	°C	+20 bis +55			
Temperature operating limits cooling operation	°C	+7 bis +20			
Maximum heating water temperature with electric auxiliary heating	°C	75			
Temperature operating limits air heating operation min/max	°C	-20 / +35			
Temperature operating limits air cooling operation min/max	°C	+10 / +45			

Heating water

Minimum volume flow rate		l / min	15	15	
Water flow rate		l / min	16	19,7	
Water flow rate		l / min	24,7	24,7	
Water flow rate		mbar	54	78	
Water flow rate		mbar	540	490	
Maximum operating pressure	bar	3			
Minimum volume flow rate		l / min	21	25	25
Water flow rate		l / min	28,8	34,1	40,2
Water flow rate		l / min	36	42,7	49,2
Water flow rate		mbar	121	141	194
Water flow rate		mbar	550	460	310
Maximum operating pressure	bar	3			

Heat source

Air flow rate		1)	m³ / h	2600	2600	
Air flow rate		1)	m³ / h	3500	4200	4200

Connections

Connection heating flow / return / hot water flow		28x1		
Refrigerant		UNF	7/16 + 3/4	5/8 + 7/8
Refrigerant	mm	6x1 + 12x1	10x1 + 16x1	

Dimensions (W × H × D)	mm	16		
Connection heating flow / return / hot water flow		28x1		
Refrigerant		UNF	5/8 + 7/8	
Refrigerant	mm	10x1 + 16x1		
Dimensions (W × H × D)	mm	16		

Power supply

Power input	W	57	57	
Power input	W	9	9	
Power input	kW	3,6	3,6	
Compressor	A	16	16	
Compressor	A	10	10	
Compressor	A	25	25	
Condensate drain	A	35	35	
Protection rating		IP 24		
Compressor		1/h	6	
Power input	W	70	102	102
Power input	W	21	21	21
Power input	kW	5	6,3	6,3
Compressor	A	8	10	10
Compressor	A	10	10	10
Compressor	A	16	16	16
Condensate drain	A	30	30	30
Protection rating		IP 24		
Compressor		1/h	6	

Electrical indoor unit

Power supply	Optional 3~NPE, 400VAC, 50Hz / 16A(B) or 1~NPE, 230VAC, 50Hz / 32A(B)

Power supply		1~NPE, 230VAC, 50Hz / 16A(B)				
Power input heating	kW	2 / 4 / 6 or 3 / 6 / 9				
Power input	W	3 - 45				
Power input	W	5				
Maximum current consumption electric heating (6 kW)	A	8,7 (400VAC) / 26,1 (230VAC)				
Maximum current consumption electric heating (9 kW)	A	13 (400VAC)				
Protection rating		IP 20				
TECHNICAL		DATA	BWL-1S	10/400V	14/400V	16/400V
Energy efficiency class	A	++2)	++2)	++		
Energy efficiency class	A	++	++	++		
Width x Height x Depth Outdoor unit (incl. feet, incl. front doors)	mm	964 x 1261 x 363	964 x 1261 x 363	964 x 1261 x 363		
Width x Height x Depth Indoor unit (incl. feet, incl. front doors)	mm	440 x 790 x 340	440 x 790 x 340	440 x 790 x 340		
Net weight	kg	110	110	110		
Net weight	kg	35	37	37		
Power supply		Optional 3~NPE, 400VAC, 50Hz / 16A(B) or 1~NPE, 230VAC, 50Hz / 32A(B)				

Power supply		1~NPE, 230VAC, 50Hz / 16A(B)
Power input heating	kW	2 / 4 / 6 or 3 / 6 / 9
Power input	W	3-75
Power input	W	5
Maximum current consumption electric heating 6 kW	A	8,7 (400VAC) / 26,1 (230VAC)
Maximum current consumption electric heating 9 kW	A	13 (400VAC)
Protection rating		IP 20

without buffer tank

Storage capacity buffer tank PU-35	Ltr.	34
Storage capacity hot water tank CEW-2-200	Ltr.	180
Performance rating NL	1,6	
Storage capacity buffer tank PU-50	Ltr.	49

Dimensions

Height CHC-Split / 200	mm	2137
Height CHC-Split / 200-35	mm	2081
Width	mm	650
Depth CHC-Split / 200	mm	685
Depth CHC-Split / 200-35	mm	751
Net weight	kg	145
Net weight	kg	21
CHC-Split / 200		CHC-Split / 200-35
Height	mm	1829
Width	mm	600
Depth	mm	999
Net weight	kg	140
Net weight	kg	22

Storage capacity hot water tank

Ltr.	280
Performance rating NL	3,2

BASIC CONTROL

AM	or	BM-2
Display module AM	Operating module BM-2	

SCOPE OF DELIVERY / ACCESSORIES

Scope of delivery / Accessories	200 / 200-35	300 / 300-50(S)

Item data

Design	complete
Heating capacity	17.5
COP	4
Suitable for central heating	Yes
Max. pipe length	25
Type of control	external
Suitable for active cooling	Yes
Cooling capacity	13
Cooling capacity	11.7
Energy efficiency class	A++
With electric heating element	Yes
Housing material	Plastic
Power electric heating element [kW]	6
Heating capacity	Yes
Connection voltage [V]	400
Refrigerant	R-410A
Sound power level	64
Boiler material	Steel enamel
Sound pressure level	66
Outer pipe diameter connection discharge system	28 mm
Manufacturer article number	9146676
EAN	4045013337701
Type	CHC-Split 16/300-50

Brand	WOLF
Reference number	9146676

Source: manufacturer's data: Datenblatt · Technische Daten des Artikels (Lieferantendaten).
Own product data sheet based on the manufacturer's data; values transferred unchanged. The energy label and the EU product information sheet (EPREL) are authoritative for energy labelling. Errors and technical changes by the manufacturer excepted.