

WALL-HUNG BOILER

-  knobs adjustment, easy operation
-  LED 2 digits display temperature and combustion power
-  grounding heating design, 60°C protection
-  special energy saving and comfortable selection
-  magnetism Filtering function, applicable for the bad water quality area
-  18 degree protections



heating
and
bathing

Model
SD18-C1 SK15-C1
SD24-C1 SK18-C1
SP18-C1 SK24-C1
SP24-C1



Professional International Manufacturer of Wall Hung Boilers

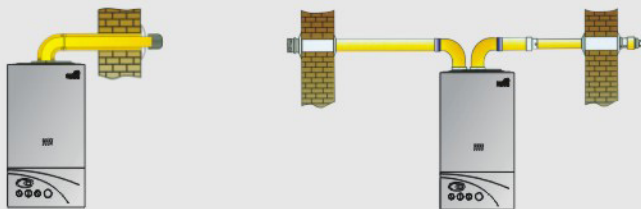
SD18-C1、SD24-C1、SP18-C1、SP24-C1、
SK15-C1、SK18-C1、SK24-C1

Technical Data

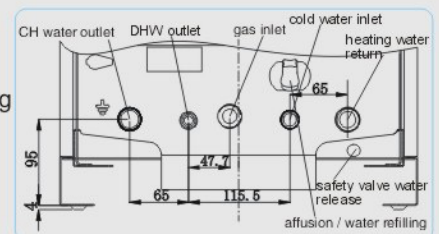
Heating						
Model	SK15-C1	SK18-C1	SK24-C1	SP18-C1 SD18-C1	SP24-C1 SD24-C1	Unit
Gas type	Natural Gas, LPG, Town gas					
Nominal heat input	17	20	26.3	20	26.3	KW
Nominal heat output	15.3	18	23.7	18	23.7	kW
Heating efficiency	90.1	90.1	90.1	90.1	90.1	%
Heating system pressure	0.05 - 0.3/0.5 - 3			0.05 - 0.3/0.5 - 3		MPa/bar
Max. heating temperature	90			90		°C
Adjustment range of heating water temperature (±3°C)	40 - 85(35 - 60 for under floor heating)			40 - 85(35 - 60 for under floor heating)		°C
Nominal electric power	125			125		W
Protection degree	IPX4D			IPX4D		
Expansion tank volume	8			8		L
Expansion tank initial pressure	0.1/1			0.1/1		Mpa/bar
Power supply	~220V/50Hz			~220V/50Hz		
Dimension (L * H * W)	725 x 403 x 325			725 x 403 x 325		mm
Applicable water tap number				1	2	
Heating area	50 - 120	60 - 150	60 - 200	60 - 150	60 - 200	m ²
Net weight	34	34	36	36	38	kg
hot water system						
Max. working pressure				0.6/6	0.6/6	MPa/bar
Min. working pressure				0.03/0.3	0.03/0.3	MPa/bar
Continuous DHW production Δt=25°C				10.3	13.6	kg/min
DHW temperature adjustment range (±3°C)				35 - 60	35 - 60	°C
Min. DHW flow				2.5	2.5	kg/min
Limited flow rate for DHW				7.3	10	kg/min
pressure for gas						
Natural gas pressure	2000	2000	2000	2000	2000	Pa
LPG pressure	2800	2800	2800	2800	2800	Pa
connector						
Heating water outlet	3/4"	3/4"	3/4"	3/4"	3/4"	
DHW inlet	3/4"	3/4"	3/4"	3/4"	3/4"	
DHW outlet				1/2"	1/2"	
Cold water inlet	1/2"	1/2"	1/2"	1/2"	1/2"	
Gas inlet	3/4"	3/4"	3/4"	3/4"	3/4"	
Pump capacity				5		m

Functions

Characteristics							
Model	SD18-C1	SD24-C1	SP18-C1	SP24-C1	SK15-C1	SK18-C1	SK24-C1
Anti-dirty monothermic heat exchanger, stable water temperature	●	●	—	—	—	—	—
Bithermal heat exchanger	—	—	●	●	—	—	—
Comfortable heating supply	●	●	●	●	●	●	●
Grounding heating (35-60°C temperature protection)	●	●	●	●	●	●	●
Function of DHW memory (fast DHW supply setting)	—	—	—	—	—	—	—
Comfortable temperature setting	—	—	—	—	—	—	—
Facile operation mode	—	—	—	—	—	—	—
Programming mode	—	—	—	—	—	—	—
Blue LCD operation mode	—	—	—	—	—	—	—
LED display	●	●	●	●	●	●	●
Proportional burning modulation, ionization automatically detect flame	●	●	●	●	●	●	●
Super quiet operation (less than 45 db)	●	●	●	●	●	●	●
Timely error diagnoses, buzzer alarm	●	●	●	●	●	●	●
Microcomputer digital control	●	●	●	●	●	●	●
Knobs modulation	●	●	●	●	●	●	●
Magnetism Filtering function	●	●	●	●	●	●	●
Comfortable/energy saving conversion	●	●	●	●	●	●	●
safety measure							
Automatically over high temperature and over low temperature protection for voltage, gas pressure, water pressure and water temperature etc.	●	●	●	●	●	●	●
Anti-freezing, Anti-block and automatically safely detecting function	●	●	●	●	●	●	●
Force balanced flue, sealed combustion chamber	●	●	●	●	●	●	●
Air pressure protection, to prevent the flue block and inverse air	●	●	●	●	●	●	●
Dry-burning protection, automatically turn off the flame, and time-lapse protection when the boiler is off	●	●	●	●	●	●	●



connector drawing
(unit: mm)



Authoritative Approvals, International Quality Level



FOCT



YxpCEIPO



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