

ADMIRAL Technical Specification

مشخصات فنی



Capacity	kW	70
Modulation Range	%	22 - 100
Operating Pressure (Min/Max)	bar	0.8 / 6.0
Maximum Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	3.01
Maximum Water Rate	m³/h	4.96
Head Power at Water Rate Required	m	6.9
Gas Consumption (G20) (Min/Max)	m³/h	1.5 / 6.9
Flue Gas Temperature at P _{max} (80/60 °C)	°C	59.3
Flue Gas Temperature at P _{max} (50/30 °C)	°C	41.8
Condensate Rate	kg/h	7
Width	mm	560
Height	mm	1450
Length	mm	560
Maximum Flue Length	m	18
Water Content	Liter	6.5
Net Weight	kg	65
Water Inlet-Outlet Connection	Ø	R 1"
Gas Connection (Gas inlet)	Ø	R 1/2"
Chimney Diameter (Flue Gas Outlet)	mm	80
Condensate Connection	Ø	R 3/4"

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Capacity	kW	100
Modulation Range	%	21-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	4.3
Maximum Water Rate	m³/h	7.09
Head Power at Water Rate Required	m	8.5
Gas Consumption (G20) (Min/Max)	m³/h	21/9.3
Flue Gas Temperature at P _{max} (80/60 °C)	°C	60.8
Flue Gas Temperature at P _{max} (50/30 °C)	°C	39.4
Condensate Rate	kg/h	10
Width	mm	560
Height	mm	1450
Length	mm	650
Maximum Flue Length	m	28
Water Content	Liter	8.5
Net Weight	kg	82
Water Inlet-Outlet Connection	Ø	R1 1/4"
Gas Connection (Gas inlet)	Ø	R 3/4"
Chimney Diameter (Flue Gas Outlet)	mm	100
Condensate Connection	Ø	R 3/4"

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Capacity	kW	125
Modulation Range	%	15-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	5.38
Maximum Water Rate	m³/h	8.87
Head Power at Water Rate Required	m	10.5
Gas Consumption (G20) (Min/Max)	m³/h	2.0/11.9
Flue Gas Temperature at P _{max} (80/60 °C)	°C	59.9
Flue Gas Temperature at P _{max} (50/30 °C)	°C	40.4
Condensate Rate	kg/h	13
Width	mm	560
Height	mm	1450
Length	mm	740
Maximum Flue Length	m	20
Water Content	Liter	10.5
Net Weight	kg	103
Water Inlet-Outlet Connection	Ø	R1 1/4"
Gas Connection (Gas inlet)	Ø	R 1"
Chimney Diameter (Flue Gas Outlet)	mm	110
Condensate Connection	Ø	R 3/4"

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Capacity	kW	155
Modulation Range	%	23-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	6.67
Maximum Water Rate	m³/h	11
Head Power at Water Rate Required	m	11.4
Gas Consumption (G20) (Min/Max)	m³/h	3.4/14.9
Flue Gas Temperature at P _{max} (80/60 °C)	°C	59.7
Flue Gas Temperature at P _{max} (50/30 °C)	°C	42.1
Condensate Rate	kg/h	16
Width	mm	560
Height	mm	1450
Length	mm	880
Maximum Flue Length	m	30
Water Content	Liter	12.5
Net Weight	kg	130
Water Inlet-Outlet Connection	Ø	R1 1/2"
Gas Connection (Gas inlet)	Ø	R1 1/4"
Chimney Diameter (Flue Gas Outlet)	mm	125
Condensate Connection	Ø	R 3/4"

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Capacity	kW	190
Modulation Range	%	21-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	8.17
Maximum Water Rate	m³/h	13.48
Head Power at Water Rate Required	m	10.5
Gas Consumption (G20) (Min/Max)	m³/h	3.9/18.9
Flue Gas Temperature at P _{max} (80/60 °C)	°C	61.4
Flue Gas Temperature at P _{max} (50/30 °C)	°C	42.6
Condensate Rate	kg/h	19
Width	mm	560
Height	mm	1450
Length	mm	1080
Maximum Flue Length	m	40
Water Content	Liter	14.5
Net Weight	kg	167
Water Inlet-Outlet Connection	Ø	R1 1/2"
Gas Connection (Gas inlet)	Ø	R 1 1/4"
Chimney Diameter (Flue Gas Outlet)	mm	160
Condensate Connection	Ø	R 3/4"

Capacity	kW	200
Modulation Range	%	16-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m ³ /h	8.6
Maximum Water Rate	m ³ /h	14.3
Head Power at Water Rate Required	m	10
Gas Consumption (G20) (Min/Max)	m ³ /h	3.2/21.1
Flue Gas Temperature at P _{max} (80/60 °C)	°C	80.2
Flue Gas Temperature at P _{max} (50/30 °C)	°C	55.5
Condensate Rate	kg/h	20
Width	mm	615
Height	mm	1472
Length	mm	1305
Maximum Flue Length	m	35
Water Content	Liter	18.67
Net Weight	kg	195
Water Inlet-Outlet Connection	Ø	R2"
Gas Connection (Gas inlet)	Ø	R 1 1/4"
Chimney Diameter (Flue Gas Outlet)	mm	160
Condensate Connection	Ø	R 3/4"

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Capacity	kW	270
Modulation Range	%	15-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	11.61
Maximum Water Rate	m³/h	19.2
Head Power at Water Rate Required	m	8.3
Gas Consumption (G20) (Min/Max)	m³/h	3.9/28.2
Flue Gas Temperature at P _{max} (80/60 °C)	°C	80.5
Flue Gas Temperature at P _{max} (50/30 °C)	°C	56.8
Condensate Rate	kg/h	26
Width	mm	615
Height	mm	1472
Length	mm	1360
Maximum Flue Length	m	38
Water Content	Liter	22.96
Net Weight	kg	237
Water Inlet-Outlet Connection	Ø	R2"
Gas Connection (Gas inlet)	Ø	R 1 1/2"
Chimney Diameter (Flue Gas Outlet)	mm	160
Condensate Connection	Ø	R 3/4"

Capacity	kW	340
Modulation Range	%	14-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m ³ /h	14.62
Maximum Water Rate	m ³ /h	24.2
Head Power at Water Rate Required	m	6.3
Gas Consumption (G20) (Min/Max)	m ³ /h	4.8/35.2
Flue Gas Temperature at P _{max} (80/60 °C)	°C	79.6
Flue Gas Temperature at P _{max} (50/30 °C)	°C	54.7
Condensate Rate	kg/h	32
Width	mm	615
Height	mm	1527
Length	mm	1510
Maximum Flue Length	m	43
Water Content	Liter	26.42
Net Weight	kg	305
Water Inlet-Outlet Connection	Ø	R2"
Gas Connection (Gas inlet)	Ø	R1 1/2"
Chimney Diameter (Flue Gas Outlet)	mm	160
Condensate Connection	Ø	R 3/4"

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Capacity	kW	410
Modulation Range	%	14-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Max. Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	17.63
Maximum Water Rate	m³/h	29.2
Head Power at Water Rate Required	m	7.5
Gas Consumption (G20) (Min/Max)	m³/h	5.8/43.3
Flue Gas Temperature at P _{max} (80/60 °C)	°C	80.5
Flue Gas Temperature at P _{max} (50/30 °C)	°C	54.6
Condensate Rate	kg/h	38
Width	mm	660
Height	mm	1527
Length	mm	1710
Maximum Flue Length	m	47
Water Content	Liter	32.94
Net Weight	kg	358
Water Inlet-Outlet Connection	Ø	DN65
Gas Connection (Gas inlet)	Ø	R 2"
Chimney Diameter (Flue Gas Outlet)	mm	200
Condensate Connection	Ø	R 3/4"

Capacity	kW	480
Modulation Range	%	14-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Maximum Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	20.64
Max. Water Rate	m³/h	34.1
Head Power at Water Rate Required	m	5.9
Gas Consumption (G20) (Min/Max)	m³/h	6.7/50.5
Flue Gas Temperature at P _{max} (80/60 °C)	°C	79.3
Flue Gas Temperature at P _{max} (50/30 °C)	°C	55.7
Condensate Rate	kg/h	45
Width	mm	660
Height	mm	1527
Length	mm	1910
Maximum Flue Length	m	53
Water Content	Liter	36.90
Net Weight	kg	380
Water Inlet-Outlet Connection	Ø	DN65
Gas Connection (Gas inlet)	Ø	R 2"
Chimney Diameter (Flue Gas Outlet)	mm	200
Condensate Connection	Ø	R 3/4"

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Capacity	kW	550
Modulation Range	%	14-100
Operating Pressure (Min/Max)	bar	0.8/6.0
Maximum Water Temperature	°C	110
N0x. Class		5
Minimum Water Rate	m³/h	23.65
Max. Water Rate	m³/h	38.8
Head Power at Water Rate Required	m	4.7
Gas Consumption (G20) (Min/Max)	m³/h	7.8/56.7
Flue Gas Temperature at P _{max} (80/60 °C)	°C	80.2
Flue Gas Temperature at P _{max} (50/30 °C)	°C	56.8
Condensate Rate	kg/h	54
Width	mm	660
Height	mm	1527
Length	mm	1920
Maximum Flue Length	m	58
Water Content	Liter	41.00
Net Weight	kg	440
Water Inlet-Outlet Connection	Ø	DN65
Gas Connection (Gas inlet)	Ø	R 2"
Chimney Diameter (Flue Gas Outlet)	mm	200
Condensate Connection	Ø	R 3/4"

Capacity	kW	770
Modulation Range	%	15-100
Operating Pressure (Max)	bar	6
Maximum Water Temperature	°C	90
N0x. Class		5
Minimum Water Rate	m³/h	6
Maximum Water Rate	m³/h	30
Head Power at Water Rate Required	m	5
Gas Consumption (G20) (Min/Max)	m³/h	13.8/69
Maximum Flue Gas Temperature at P _{max} (80/60 °C)	°C	80
Condensate Rate	kg/h	35
Width	mm	930
Height	mm	1691
Length	mm	1452
Water Content	Liter	75.5
Net Weight	kg	566
Water Inlet-Outlet Connection	Ø	R 4"
Gas Connection (Gas inlet)	Ø	R 2"
Chimney Diameter (Flue Gas Outlet)	mm	250
Condensate Connection	Ø	R 1"

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Capacity	kW	1100
Modulation Range	%	15-100
Operating Pressure (Max)	bar	6
Maximum Water Temperature	°C	90
N0x. Class		5
Minimum Water Rate	m³/h	9
Maximum Water Rate	m³/h	48
Head Power at Water Rate Required	m	5
Gas Consumption (G20) (Min/Max)	m³/h	21.2/106
Maximum Flue Gas Temperature at P _{max} (80/60 °C)	°C	80
Condensate Rate	kg/h	53
Width	mm	1010
Height	mm	1628
Length	mm	1802
Water Content	Liter	95.6
Net Weight	kg	640
Water Inlet-Outlet Connection	Ø	R 4"
Gas Connection (Gas inlet)	Ø	R 3"
Chimney Diameter (Flue Gas Outlet)	mm	250
Condensate Connection	Ø	R 1"