

Air conditioning units

Vitoclima 300-S

7.1

Single split air conditioning units with DC inverter technology

Cooling capacity:

2.6 to

5.2 kW

Heating output:

3.2 to

6 kW

Viessmann's integrated range of solutions

Value added services

7

Digital services

Connectivity and platforms

7

VITOClima 200-S

Products & systems

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VITOClima 300-S

Single split air conditioning units with DC inverter technology
Rated cooling capacity 2.6 to 5.2 kW
Rated heating output 3.2 to 6.0 kW



Vitoclima 300-S

Type IW/OFAA300MHA...

Single split air conditioning units with DC inverter technology

- System comprising outdoor unit and indoor unit as wall mounted appliance
- Convenient room climate solution (heating, cooling and dehumidification via reversible operating mode and air treatment)
- Indoor unit with high efficiency heat exchanger plus passive and active air filter function
- Compact outdoor unit and indoor units with coated heat exchanger for a lastingly efficient, antibacterial operating mode and self-cleaning functions

Indoor units in white

- Low running costs due to very high SCOP/SEER and efficiency class A+++/A+++ heating and cooling
- Output control and DC inverter for high efficiency even in partial load operation
- Application range: heating down to -20 °C/cooling up to +43 °C
- Microprocessor control for monitoring and maintaining room air temperature and humidity
- Easy to use infrared remote control unit with many comfort functions
- Particularly quiet operation due to variable speed fans and sound insulation measures
- Compact indoor and outdoor units for space saving installation
- Environmentally responsible refrigerant R32 with a low GWP value (Global Warming Potential)
- Comfort functions: self-cleaning function, indoor unit sterilisation program, active cleanable IFD filter, presence and eco sensor for further comfort and energy saving functions
- Web-enabled through integral WiFi interface for system operation via app

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Single split air conditioning units with DC inverter technology
Indoor unit as wall mounted appliance

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Complete air conditioning system comprising:

- Indoor unit as wall mounted appliance
- Outdoor unit
- Remote control

Functions:

- Self clean – indoor unit self-cleaning function
- Self hygiene – indoor unit sterilisation program for disinfecting the heat exchanger surfaces and silver nanoparticles on the surfaces in contact with air
- IFD filter – dielectric, active and cleanable filter against e.g. fine dust, bacteria and viruses
- 3D swing – for optimum air flow, adapted for heating and cooling operation
- Eco sensor – for maximum comfort and energy savings, e.g. presence and light detection as well as smart heating and cooling functions
- Web-enabled through integral WiFi interface for operation via app

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Standard delivery/equipment level:

Complete air conditioning unit, comprising indoor and outdoor unit

Indoor unit

- Integral high performance evaporator
- Integral electronic control unit
- Integral motorised air outlet
- With cleanable electrostatic high performance IFD air filter
- Evaporator and condenser with antibacterial coating
- Remote control (IR LCD)

Outdoor unit

- With factory-filled refrigerant R32, flanged connections, inverter-controlled, noise attenuated rotating piston compressor, 4-way valve and electronic expansion valve

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Single split air conditioning units with DC inverter technology
Indoor unit as wall mounted appliance

Type	Colour	Rated cooling capacity at operating point A35/A27 and/or rated heating output at operating point A7/A20			MG WU
		2,6 3,2	3,5 4,2	5,2 6,0	
IW/OFAA300MHA026	white	Z025386 1.135,-	-	-	Part no. Euro
IW/OFAA300MHA035	white	-	Z025387 1.187,-	-	Part no. Euro
IW/OFAA300MHA052	white	-	-	Z025388 1.486,-	Part no. Euro





Specification				
Cooling capacity range	1.0 - 4.0	1.0 - 4.0	1.4 - 6.0	kW
Heating output range	1.1 - 5.4	1.3 - 5.8	1.4 - 6.9	kW
Coefficient of performance (COP)	4,8	4,7	4,0	
Seasonal coefficient of performance LT (SCOP) warm	6,2	6,2	5,6	
Seasonal energy efficiency ratio (SEER) cool	8,8	8,8	7,5	
Sound pressure level, min. heat load	15	16	28	
Sound pressure level, max. heat load	36	37	41	
Indoor unit width	923	923	1050	mm
Indoor unit length	215	215	235	mm
Indoor unit height	320	320	350	mm
Indoor unit weight	12	12	15	kg
Outdoor unit width	800	800	820	mm
Outdoor unit length	275	275	338	mm
Outdoor unit height	553	553	614	mm
Outdoor unit weight	30	30	46	kg
Dimension, suction line	10	10	12	Ø mm
Dimension, liquid line	6	6	6	Ø mm

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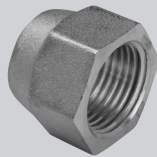

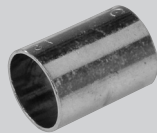
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Accessories

Accessories			
Refrigerant lines for connecting permanently installed split units			MG WU
Copper pipe with thermal insulation <ul style="list-style-type: none"> ■ Single pipe in SF copper (EN 12735-1) for flanged or solder fittings ■ Colour of thermal insulation: white 			
Copper pipe with thermal insulation <ul style="list-style-type: none"> ■ 6 x 1 mm ■ 25 m coil Liquid line 		7249274 374,-	Part no. Euro
Copper pipe with thermal insulation <ul style="list-style-type: none"> ■ 10 x 1 mm ■ 25 m coil Liquid line 		7249273 572,-	Part no. Euro
Copper pipe with thermal insulation <ul style="list-style-type: none"> ■ 12 x 1 mm ■ 25 m coil Hot gas line 		7249272 688,-	Part no. Euro
Copper pipe with thermal insulation 6 x 1 mm and 10 x 1 mm. Double pipe in SF copper (EN 12735-1) for flanged or solder fittings Colour of thermal insulation: white. 20 m coil.		7249271 641,-	Part no. Euro
Copper pipe with thermal insulation 6 x 1 mm and 12 x 1 mm. Double pipe in SF copper (EN 12735-1) for flanged or solder fittings Colour of thermal insulation: white. 20 m coil.		7249270 734,-	Part no. Euro
Thermal insulation for refrigerant lines			MG WU
Thermal insulating tape 10 m roll, 50 x 3 mm. Colour: white. Self-adhesive To cover uninsulated components and joints		7249275 39,-	Part no. Euro
PVC adhesive tape 50 mm wide, colour: white		7249281 43,-	Part no. Euro
Connecting elements			MG WU
Connector For joining copper pipes without soldering. 2 flanged union nuts required per connector.			
Connector 7/16 For 6 x 1 mm and 1/4 x 0.8 mm copper pipe. 10 pce		7249276 68,-	Part no. Euro
Connector 5/8 For 10 x 1 mm and 3/8 x 0.8 mm copper pipe. 10 pce		7249278 88,-	Part no. Euro
Connector 3/4 For 12 x 1 mm and 1/2 x 0.8 mm copper pipe. 10 pce		7249279 136,-	Part no. Euro

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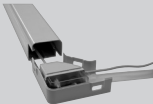



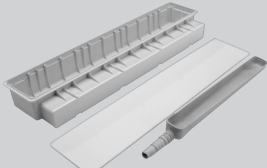
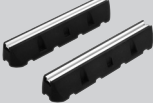

Accessories			
Connecting elements			MG WU
Flanged union nuts			
Flanged union nut 7/16 For 6 x 1 mm and 1/4 x 0.8 mm copper pipe. 10 pce		7249280 33,-	Part no. Euro
Flanged union nut 5/8 For 10 x 1 mm and 3/8 x 0.8 mm copper pipe. 10 pce		7249282 40,-	Part no. Euro
Flanged union nut 3/4 For 12 x 1 mm and 1/2 x 0.8 mm copper pipe. 10 pce		7249283 68,-	Part no. Euro
Euro flanged adaptor Connection piece (solder connection), copper pipe to the flanged connection on the appliance			
Euro flanged adaptor 7/16 For 6 x 1 mm and 1/4 x 0.8 mm copper pipe. 10 pce		7249284 149,-	Part no. Euro
Euro flanged adaptor 5/8 For 10 x 1 mm and 3/8 x 0.8 mm copper pipe. 10 pce		7249285 176,-	Part no. Euro
Euro flanged adaptor 3/4 For 12 x 1 mm and 1/2 x 0.8 mm copper pipe. 10 pce		7249286 184,-	Part no. Euro
Copper seal ring 7/16 10 pce Spare seal rings for Euro flanged adaptors		7249289 7,70	Part no. Euro
Copper seal ring 5/8 10 pce Spare seal rings for Euro flanged adaptors		7249290 8,70	Part no. Euro
Copper seal ring 3/4 10 pce Spare seal rings for Euro flanged adaptors		7249291 11,10	Part no. Euro
Copper female solder connections For connecting copper pipes			
Copper female solder connection 6 mm 10 pce		7249287 24,-	Part no. Euro
Copper female solder connection 10 mm 10 pce		7249277 9,80	Part no. Euro
Copper female solder connection 12 mm 10 pce		7249288 5,90	Part no. Euro

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Accessories


Accessories			
Connecting elements			MG WU
Copper sealing cap 7/16 10 pce For sealing unused connections. Can only be used in conjunction with the corresponding flanged union nut		7249292 5,20	Part no. Euro
Copper sealing cap 5/8 10 pce For sealing unused connections. Can only be used in conjunction with the corresponding flanged union nut		7249293 5,50	Part no. Euro
Copper sealing cap 3/4 10 pce For sealing unused connections. Can only be used in conjunction with the corresponding flanged union nut		7249294 8,-	Part no. Euro
Condensate drain pipe			MG WU
Condensate pump 8 m head. With duct for surface mounting colour: white.		7249295 378,-	Part no. Euro
Condensate pump 6 m head For installation in a flush mounted duct.		7249298 331,-	Part no. Euro
Non-return valve For condensate drain. To prevent the return of condensate at high delivery heads		7249311 22,-	Part no. Euro
Condensate hose for outdoor unit For condensate drainage ■ Ø 16 mm, 30 m roll.		7249302 100,-	Part no. Euro
Flush mounted installation box For condensate pump, condensate hose, power cables, etc.		7249303 34,-	Part no. Euro
Supports for outdoor unit			MG WX
Anti-vibration base ■ Anti-vibration base for mounting the outdoor unit on a solid surface ■ Dimensions: height 95 mm, width 130 mm, length 600 mm		ZK06012 77,-	Part no. Euro
Bracket for floorstanding installation of outdoor unit ■ Made of aluminium profiles, height 300 mm, length 630 mm ■ For positioning on level ground ■ 2 pce		7441142 144,-	Part no. Euro

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Accessories

Accessories			
Supports for outdoor unit			MG WU
<p>Bracket set for mounting the outdoor unit on a wall</p> <ul style="list-style-type: none"> ■ Projection 560 mm, max. load 100 kg. ■ Wall rail and adjustable brackets with end caps, zinc-plated ■ 4 anti-vibration mounts 42 × 10.5 mm. 		<p>7249301 137,-</p>	<p>Part no. Euro</p>
Cleaning agents			MG WU
<p>Special cleaner 1 litre spray bottle for cleaning the condenser</p>		<p>7249304 41,-</p>	<p>Part no. Euro</p>
<p>Special cleaner 1 l spray bottle for cleaning the evaporator</p>		<p>7249305 57,-</p>	<p>Part no. Euro</p>

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