

Multi-Star DDP

Product information for the product group



ACO Product benefits

- Low weight
- Different inlet heights
- CFD-optimised impeller
- High chemical resistance of all components
- Suitable for use downstream of grease separators
- Fast installation
- Ready to connect
- High usable volume – up to 185 l
- Adapted to door dimension: 780 mm

■ Areas of use

- Downstream of grease separators up to NS 15 – in conjunction with air bubble injection
- Multiple dwelling units
- Office buildings, hotels
- Hospitals

■ Tank made of polyethylene

- Bottom outlet R 1"
- Inspection opening for easy maintenance, diameter: 130 mm (DDP1), 130 mm and 250 mm (DDP2)
- Fixing set for buoyancy-proof anchorage
- Connection for manual diaphragm pump DN 50
- 2 horizontal inlet sockets, DN 100
- 4 horizontal inlet sockets, DN 150
- 2 vertical inlet sockets DN 100/DN 150/ DN 200
- 1 ventilation socket DN 70 (optional DN 100)

■ Delivery line connection

- Special backflow valve with ball in the housing
- Y-branch pipe with vent and immobilising screw
- Special adapter DN 80 for elastic connection of the delivery line with 108 – 114.3 mm outside pipe diameter (optional 88 – 90 mm)
- Connecting flange for stop valve DN 80 PN 16

■ 2 pump units

- 3-phase motor: 400 V, 50 Hz
- Degree of protection IP 68
- Integrated permanent motor monitoring
- Blockage-free free flow impeller
- 10 m connection cable

■ Level switching

- Pneumatic level switching with 10 m control cable
- Optionally with air bubble injection (accessory)

■ Control

- Degree of protection IP 54
- 1.5 m cable and CEE plug
- Isolated group alarm and operation signal

■ Tested to EN 12050-1

Item Technical Data 1202.00.04

Type	Motor power		Key data			Granulation	Usable volume			Total volume	Weight
	P1	P2	Power consumption	Voltage	Rev count		Inlet height Z1	Inlet height Z2	Top inlet		
	[kW]	[kW]	[A]	[V]	[U/min]		[l]	[l]	[l]	[l]	[kg]
Multi-Star DDP 2.1	1.83	1.5	5	400	1400	65	95	185	185	300	108

Note: The max. temperature may only be reached for a short time.

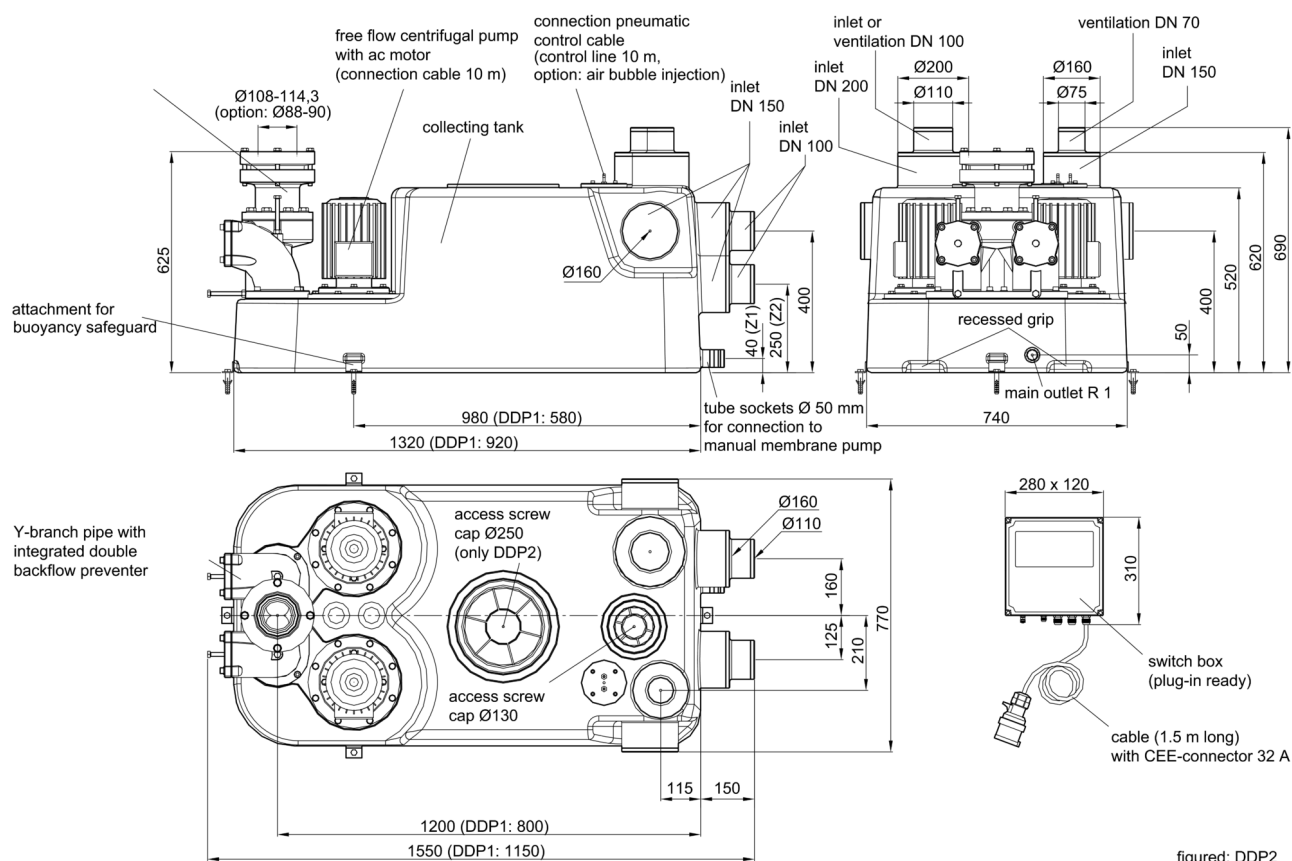
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Dimensions



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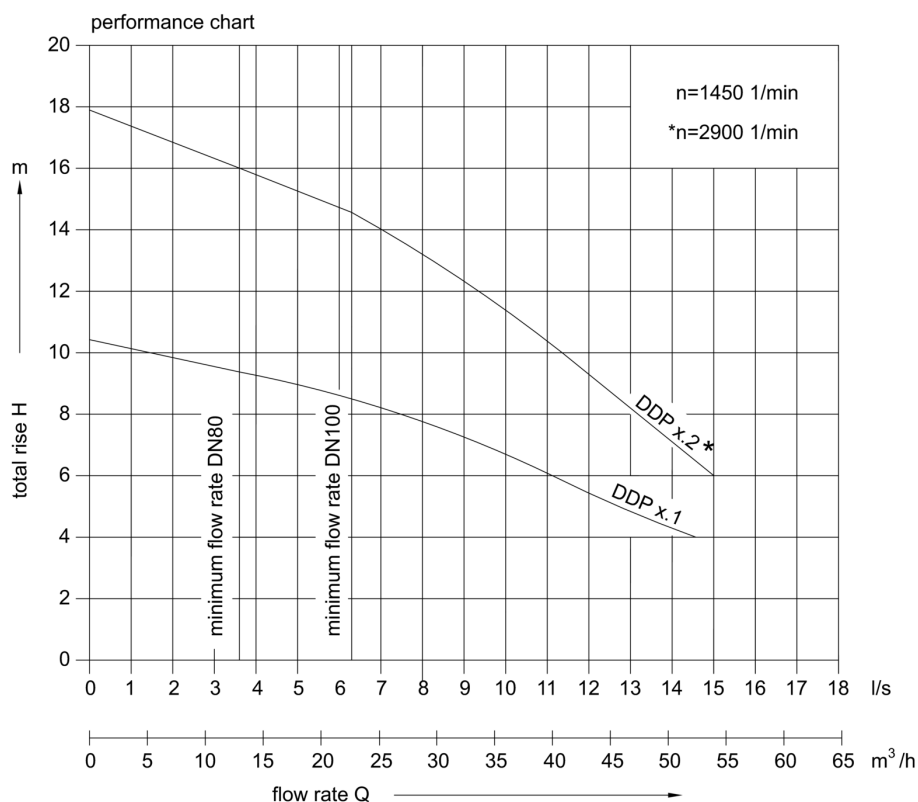
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Performance parameters



Type	Delivery head [m]	Delivery flow Q with overall delivery head H				Conveyance media temperature	
		4 m [l/s]	6 m [l/s]	8 m [l/s]	10 m [l/s]	Normal [°C]	Maximum [°C]
Muli-Star DDP 2.1	4 – 9.5	14.44	11.0	7.5	1.5	40	65

Note: The max. temperature may only be reached for a short time.

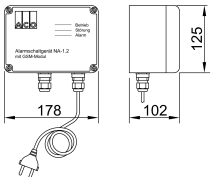
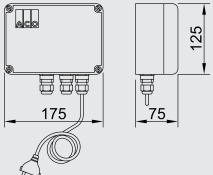
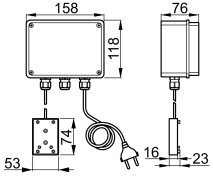
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Accessories

	Description	Used with	Description	Item number
	<p>Message system with GSM module</p>	<ul style="list-style-type: none"> ■ Faecal matter backflow automatic stop Quatrix-K type 3F ■ All Muli lifting plants ■ Muli-Max-F ■ Sinkamat-Z (underfloor) duo ■ Grease separators ■ Measuring device for grease layers ■ Wet refuse collection systems ■ Technical processing systems 	<ul style="list-style-type: none"> ■ Does not require mains power ■ Visible and audible alarms ■ 6 digital & 2 analogue freely configurable inputs ■ 1 alarm output 12 V ■ Incl. GSM- aerial (2,5 m wire) ■ Relaying alarms to mobile phones by SMS ■ For mounting outside the ex-area ■ Housing: 155x180 x103 mm ■ Slot for standard SIM-card ■ Protection level: IP54 (with fitted IP44 antenna socket) ■ Operating voltage: 230 V/AC 50/60 Hz ■ Weight: 2 kg 	<p>0150.46.94</p>
	<p>Signalling unit</p>		<ul style="list-style-type: none"> ■ Self loading ■ With volt free contact ■ Visible and audible ■ Without Contact-maker ■ For mounting outside the explosive-area ■ Housing: 125 x 175 x 75 mm ■ Protection level: IP65 ■ Operating voltage: 230 V/AC 50/60 Hz ■ Plug and use with cable: 2 m 	
		<p>Faecal matter backflow automatic stop Quatrix-K type 3FAll Muli wastewater lifting plantsPre-container installation mono/duo-Muli-Max-FSinkamat-SSinkamat-ZSinkamat-Z (underfloor)</p>	<p>Weight: 1.4 kg</p>	<p>0150.26.73</p>
	<p>Connection and flood module set</p>	<ul style="list-style-type: none"> ■ Triplex-K backflow stops <ul style="list-style-type: none"> □ DN 100 – DN 150 ■ Quatrix-K backflow stops ■ All wastewater lifting plants ■ All separators 	<ul style="list-style-type: none"> ■ To report a leak caused for example by a pipe bursting ■ For electrically conducting liquids ■ With volt free contact ■ Visible and audible alarms (approx. 80 dB) ■ Dimensions (width x height x depth): 160 x 120 x 75 mm ■ Protection level: IP 65 ■ Operating voltage: 230 V/AC 50/60 Hz ■ Plug and use: 1.4 m ■ Overflow indicator with 10 m cable ■ Weight: 1.1 kg 	<p>0150.34.75</p>

You can find further accessories under → /12020004

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