

Muli-Mini duo

Product information for the product group

ACO Product benefits

- Ready to connect
- Different inlet heights can be selected
- High usable volume – up to 140 l
- Suitable for installation downstream of grease separators up to NS 4
- Pump can be dismantled without tools
- Designed to fit through narrow doorways 700 mm
- Low weight

■ Areas of application

- ☐ Downstream of grease separators up to NS 4
- ☐ Laundries
- ☐ Rows of showers
- ☐ Basement areas

■ Polyethylene tank

- ☐ Scour outlet R 1"
- ☐ Service opening for simple maintenance, diameter: 340 mm
- ☐ Fixing kit for attachment against floating
- ☐ Connector for hand membrane pump DN 50
- ☐ 4 horizontal intake sockets DN 100
- ☐ 1 vertical inlet nozzle DN 100
- ☐ Optionally 1 vertical inlet nozzle DN 50 (accessory)
- ☐ 1 ventilation socket DN 70

■ Connection pressure line

- ☐ Special backflow stop with ball in housing
- ☐ With venting and fixing screw
- ☐ Connection: Rp 2"

■ 2 grey water underwater pumps

- ☐ Version D: With 3-phase submerged motor pump 400 V, 50 Hz
- ☐ Version W: With A.C. submerged motor pump 230 V, 50 Hz:
- ☐ IP 68 protection / Operation S1 (continuous operation) when pumps are completely submerged
- ☐ With blockage-free free flow impeller
- ☐ 10 m mains cable

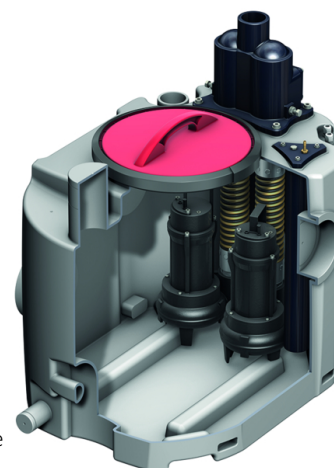
■ Level switching

- ☐ Pneumatic level switching with 10 m control lines
- ☐ Optionally with air bubble injection for increased operational security when installing downstream of grease separators (accessory)

■ Controls

- ☐ IP 54 protection
- ☐ 1.5 m cable and EEC plug (16 A) – version D
- ☐ 1.5 m cable and safety plug (16 A) – version W
- ☐ Potential-free collective fault message and operating signal

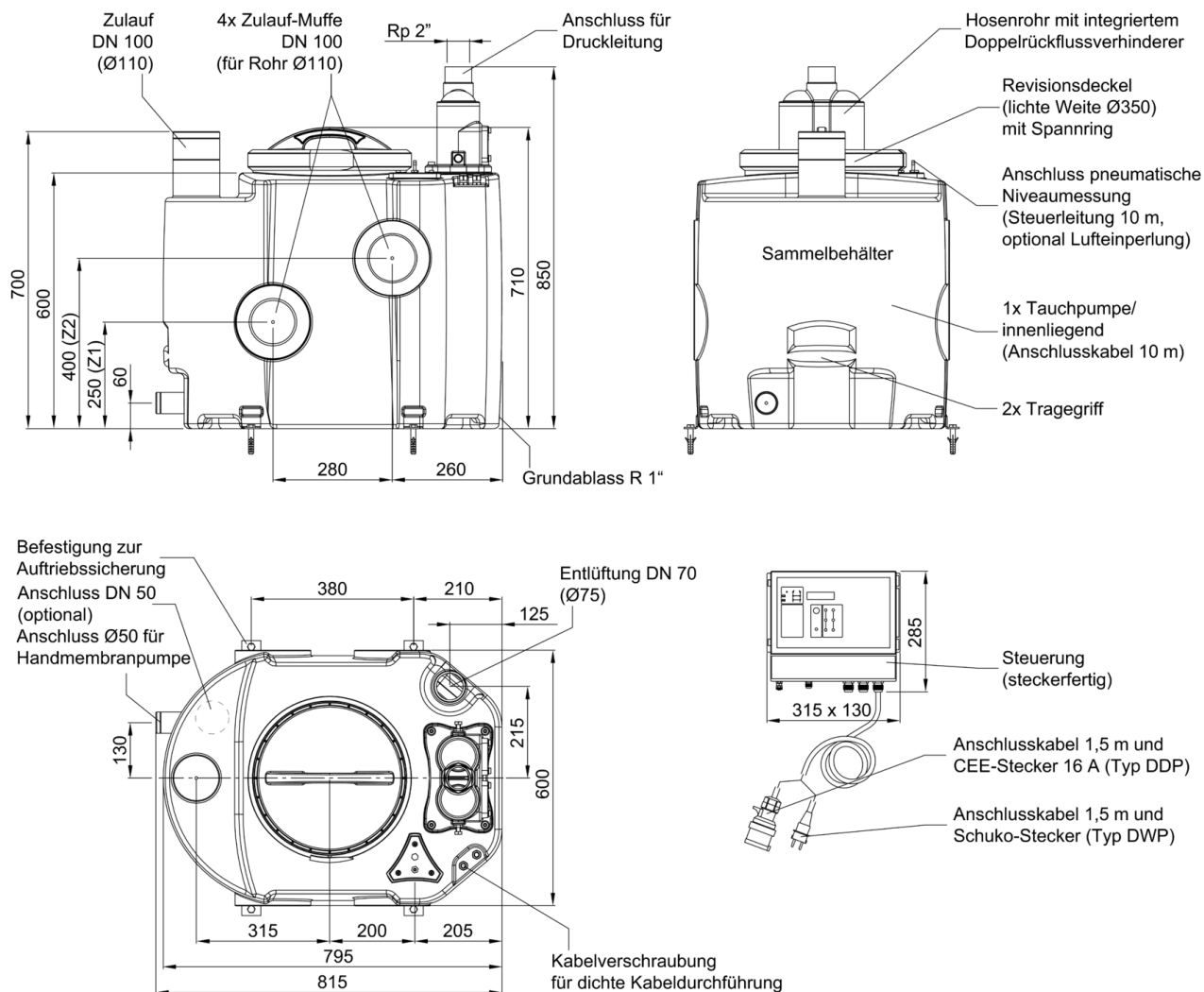
■ Tested to DIN EN 12050-2



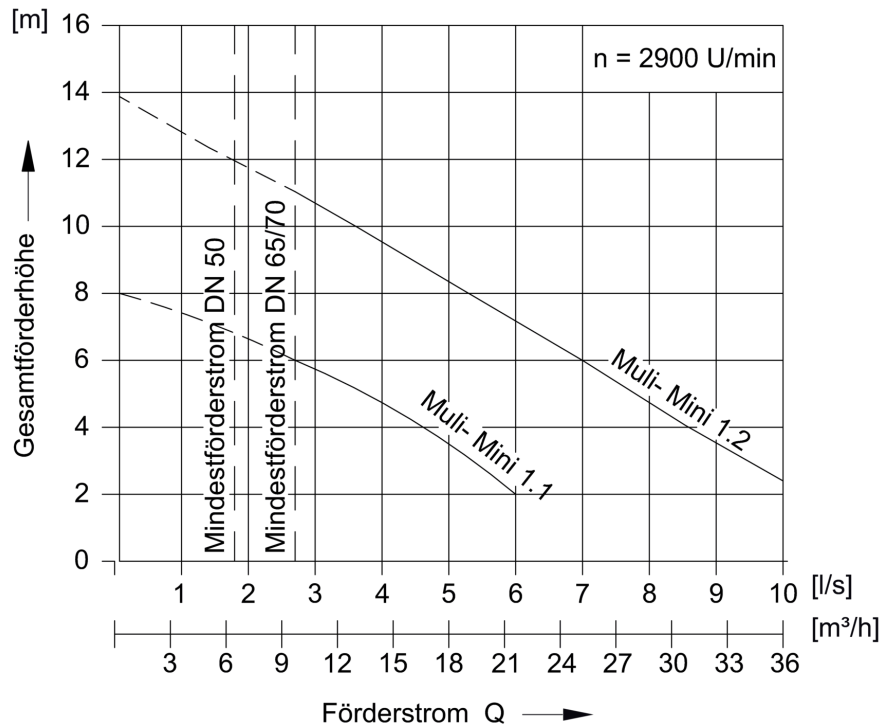
Item Technical Data 1206.00.01

Type	Motor power		Power consumption	Voltage	Rev count	Parti- cal size	Usable volume			Total volume	Weight
	P1	P2	[A]	[V]	[r/min]	[mm]	Inlet height Z1	Inlet height Z2	Top inlet	[l]	[kg]
	[kW]	[kW]					[l]	[l]	[l]		
Muli-Mini DDP 1.1	0.7	0.55	1.3	400	2900	40	55	100	130	195	62

Dimensions

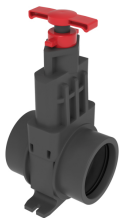


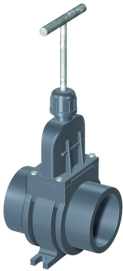
Performance parameters



Type	Delivery head [m]	Delivery flow Q with overall delivery head H			Media temperature	
		2 m [l/s]	4 m [l/s]	6 m [l/s]	Normal [°C]	Maximum [°C]
Muli-Mi-ni DDP 1.1	2 – 7	6.0	4.5	2.75	40	65

Accessories

Description	Used with	Weight	PU	Item number
		[kg]	[piece]	
 Inlet valve DN 100 - Made of PVC 110 mm push socket on both sides with rim sealing ring - Overall dimensions: 176 x 330 mm (L x H)	- Wastewater lifting plant - Polyethylene grease separator - Polyethylene starch separator - Upstream tank plant - Typ 2 and 4 - LipuMobil-P – Type 0.5	3.1	1	0175.13.84
 Inlet valve DN 100 - Made out of PVC - Spigot Ø110 on both sides for sleeveless pipe systems made of cast iron or plastic - Total dimensions: 176 x 360 mm (L x H)	- Grease separator made of polyethylene - Starch separator made of polyethylene - Upstream tank systems type 2 and 4 - LipuMobil – type 0.5	5.9		0175.31.87

Description	Used with	Weight	PU	Item number
		[kg]	[piece]	
 Inlet valve DN 50 ■ Made of PVC ■ DN 50 ■ With sealing ring as per DIN EN 19538	■ LipuMobil-P 0,8 ■ Muli-Mini	0.4		0175.18.33
 Connection ports ■ DN 50 ■ Duct Type A 40 x 50 x R 1 3/4" ■ Minimum height: 250 mm	■ Muli-Mini mono/duo			0175.09.27

You can find further accessories under → <https://www.buildingdrainage.aco/search/?q=1206.00.01>