

TERRA CALIDUS GmbH

PE Chambers Range Brochure

- BASIC
- EASY
- SMALL
- LARGE
- COMPACT
- XL





Technical data sheet – *PE-chamber BASIC 2.0*

UPDATE STATUS: 01/2017



Circles	2	3	4
Design	walkable max. 200kg		
Material	HDPE		
Chamber Height	514mm		
Chamber foot point	500x500mm		
Connection Probes	from Ø 32mm		
Connection heat pump	from Ø 32mm		
Spout- distance	100mm [Spout welded with a chamber wall]		
Delivery	package		

Standard equipment

Outward: ball valves PVC to lock-up one single circuit
Return flow: ball valves or flowmeter made of plastic

Backfilling and deaeration (constructed as a ball valve PVC 1" male)

Connection probes: O.D. 32mm or O.D. 40mm
Connection heat pump / Manifold: Ø 63mm

MANIFOLDS ARE PRESSURE-TESTED

**WARNING ! THE DISTRIBUTOR CONNECTIONS HAVE TO BE INSTALLED ZERO-POTENTIAL.
READ, KEEP, HEED, AND FOLLOW ALL INSTRUCTIONS OBTAINED IN THE MANUAL/USERS GUIDE.**



Technical data sheet – *PE-chamber EASY*

UPDATE STATUS: 11/2018



Circles	2-8	
Standard design	accessible max. 1500kg	
Tested load	passenger car	
Material	PE	
Height excl. chamber extension	580mm	860mm
Chamber foot point	680x680mm	
Outer diameter lid	770mm	
Connection Probes	from Ø 32mm	
Connection heat pump	from Ø 32mm	
Spout- distance	100mm [Spout welded with a chamber wall]	
Delivery	Delivery on one-way palett	

Standard equipment

Outward: ball valves PVC to lock-up one single circuit
Return flow: ball valves PVC or flowmeter made of plastic

Backfilling and deaeration (constructed as a ball valve PVC 1" male)

Connection probes: O.D. 32mm or O.D. 40mm (6-8 ports both-sided)
Connection heat pump: Ø 63mm; 6-8 ports Ø 75mm
Manifold: Ø 63mm; 6-8 ports Ø 75mm

Against surcharges: Shut-off ball valve,
Telescope chamber extension 40cm
Flowmeter made of brass

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Technical data sheet – *PE-chamber SMALL*

UPDATE STATUS: 11/2018



Description	SMALL
Circles	2-8
Material	PE
Design	PRO
Tested load	accessible max. 1500kg Max. 1,1t wheel load
Material	PE
Chamber height	1110mm (excl. chamber extension)
Chamber foot point	950x770mm
Connection Probes	from Ø 32mm
Connection heat pump	from Ø 32mm
Spout-distance	100mm [Spout welded with a chamber wall]
Delivery	Delivery on one-way palett

Standard equipment

Circles	Manifold - Ø	Connection heat pump
2-8	O.D. 63mm	O.D. 63mm

Connection probes: O.D. 32mm or O.D. 40mm
 Outward: ball valves PVC to lock-up one single circuit
 Return Flow: ball valves or flowmeter (brass or plastic)

Backfilling and deaeration (constructed as a ball valve PVC 1" male)

Against extra charge: Shut-off ball valve, sealing flap

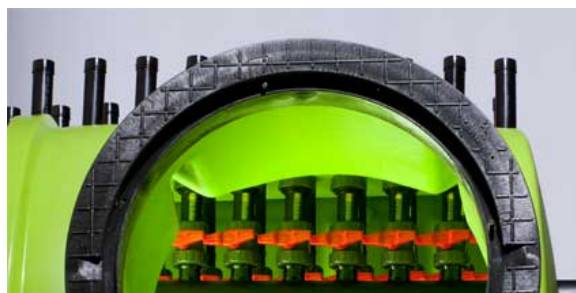
MANIFOLDS ARE PRESSURE-TESTED

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Technical data sheet – *PE-chamber LARGE*

UPDATE STATUS: 11/2018



Description	LARGE	
Circles	2-20	
Material	PE	
Design	PRO accessible max. 1500kg	PREMIUM HGV accessibility with concrete ring
Chamber height	1160mm (excl. lid)	
Chamber foot point	1450x1060mm	
Connection Probes	from Ø 32mm	
Connection heat pump	from Ø 32mm	
Spout-distance	100mm [Spout welded with a chamber wall]	
Delivery	Delivery on one-way palett	

Standard equipment

Circles	Manifold - Ø	Connection heat pump
2-8	O.D. 63mm	O.D. 63mm
9-16	O.D. 90mm	O.D. 90mm
17-20	O.D. 125mm	O.D. 125mm

Connection probes: O.D. 32mm or O.D. 40mm
 Outward: ball valves PVC to lock-up one single circuit
 Return Flow: ball valves or flowmeter (brass or plastic)

Backfilling and deaeration (constructed as a ball valve PVC 1" male)

Against extra charge: Shut-off ball valve, sealing flap

MANIFOLDS ARE PRESSURE-TESTED

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Technical data sheet – *PE-chamber COMPACT*

UPDATE STATUS: 11/2018



Circles	2-7
Standard design	Design Classic (walkable max. 200kg) or Design Pro (max. 1500kg)
Tested load	passenger car
Material	PE
Chamber Height	910mm (excl. lid)
Chamber diameter	840mm
Connection Probes	from Ø 32mm
Connection heat pump	from Ø 32mm
Spout- distance	100mm [Spout welded with a chamber wall]
Delivery	Delivery on one-way palett

Standard equipment

Outward: ball valves PVC to lock-up one single circuit
Return flow: ball valves PVC or flowmeter made of plastic

Backfilling and deaeration (constructed as a ball valve PVC 1")

Connection probes: O.D. 32mm or O.D. 40mm
Connection heat pump / Manifold: Ø 63mm

Against surcharges: **Shut-off ball valve**
Flowmeter made of brass

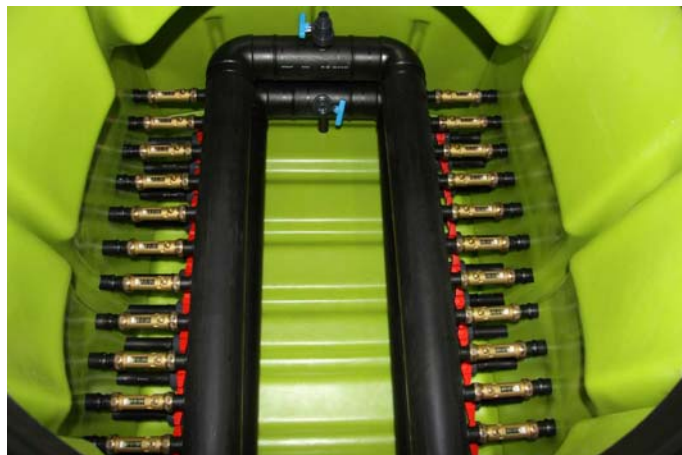
MANIFOLDS ARE PRESSURE-TESTED

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Technical data sheet – *PE-chamber XL*

Update status: 11/2018



Circles	2-28 (U shape); -50 (2-rowed)
Standard design	walkable until 200kg or accessible max. 1500kg
Tested load	Max. 1,1t wheel load
Material	PE
Chamber Height	1490mm
Chamber foot point	1900x1250mm
Connection Probes	from Ø 32mm
Connection heat pump	from Ø 32mm
Spout- distance	100mm [Spout welded with a chamber wall]
Delivery	Delivery on one-way palett

Standard equipment

Circles	Manifold - Ø	Connection heat pump
2-8	O.D. 63mm	O.D. 63mm
10-16	O.D. 90mm	O.D. 90mm
17-20	O.D. 125mm	O.D. 125mm
21-28	O.D. 160mm	O.D. 160mm

Connection probes: O.D. 32mm or O.D. 40mm
 Outward: ball valves PVC to lock-up one single circuit
 Return flow: ball valves or flowmeter (brass or plastic)
 Backfilling and deaeration (constructed as a ball valve PVC 1")

Against extra charge: Shut-off ball valve

MANIFOLDS ARE PRESSURE-TESTED

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