

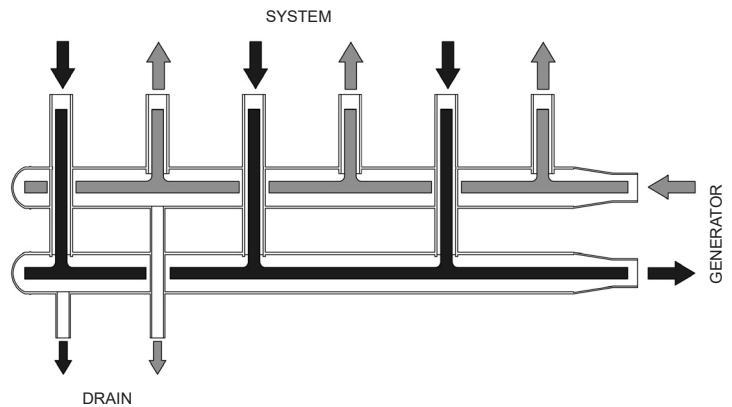
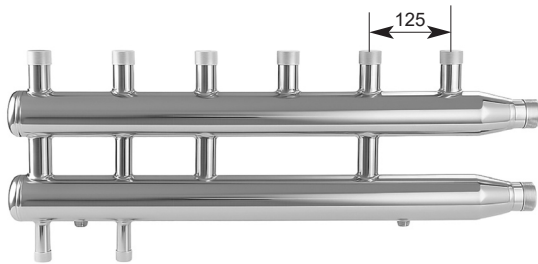
Diacol 125 INOX

125mm CENTRE DISTANCE DUAL MANIFOLDS in AISI 304

USE

Diacol 125 INOX manifolds are specifically used in:

- zone heating/cooling systems
- systems using alternative energy
- industrial systems using hot and cold fluids
- pump units with 125mm centre distance



Diacol 125 INOX TECHNICAL FEATURES

- Maximum fluid temperature: 90°C
- Minimum fluid temperature: 5°C
- Maximum fluid pressure: 5 bar
- Fluid type: water (maximum glycol percentage 30%)
- Material: AISI304 stainless steel

INSULATION TECHNICAL FEATURES

- Expanded polypropylene (EPP) (density 30 Kg/m³), embedded.



ACCESSORIES

FIXING KIT • Code KSC1

Made of two painted steel support brackets with slots, in order to simplify the assembling, two threaded bars M10, four nuts and four expansion bolts Ø 10 x 80 mm for a safe wall anchoring.



COMPARATO NELLO s.r.l.

UNI EN ISO 9001:2015 CERTIFIED COMPANY

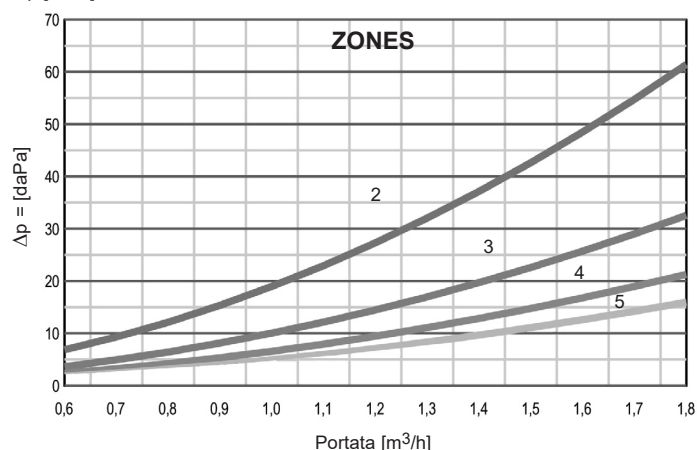
Diacol 125 INOX

125mm CENTRE DISTANCE DUAL MANIFOLDS in AISI 304

HYDRAULIC FEATURES

ZONES	Kv [m³/h]
2	22,97
3	31,55
4	39,05
5	45,08

Δp [daPa] MANIFOLDS $\varnothing 1''$ CONNECTIONS, 125 mm CENTRE DISTANCE



RATED POWER TABLE FOR EACH ZONE

Evaluation of the available power with different tube diameters (shunted)

Liquid water

Ø Offtake	Flow rate	Available power			
		Radiators with thermostatic valves (high thermal gradient)	Radiators with thermostatic valves (high thermal gradient)	Fan coils or radiators without thermostatic valves	Radiant panels, fan coils or batteries for the summer season
		salto termico 30°C	salto termico 20°C	salto termico 10°C	salto termico 5°C
(inches)	[l/h]	[kW]	[kW]	[kW]	[kW]
1"	1200	41,8	27,9	13,9	6,9

VERSIONS

DIACOL 125 INOX	DUAL				
zones n.		2	3	4	5
THREAD JOINT 1" M	manifold code	A02D01	A03D01	A04D01	A05D01
	insulation code	CBC02D01	CBC03D01	CBC04D01	CBC05D01



COMPARATO NELLO s.r.l.

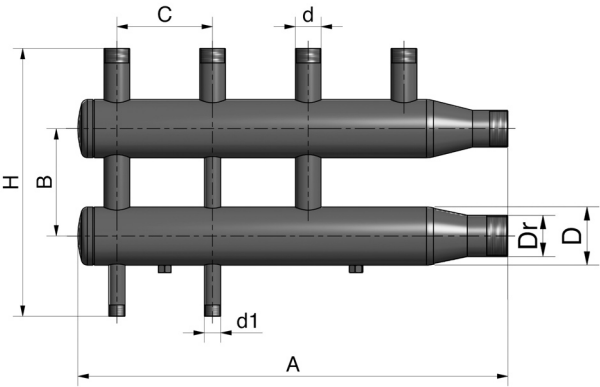
UNI EN ISO 9001:2015 CERTIFIED COMPANY

Diacol 125 INOX

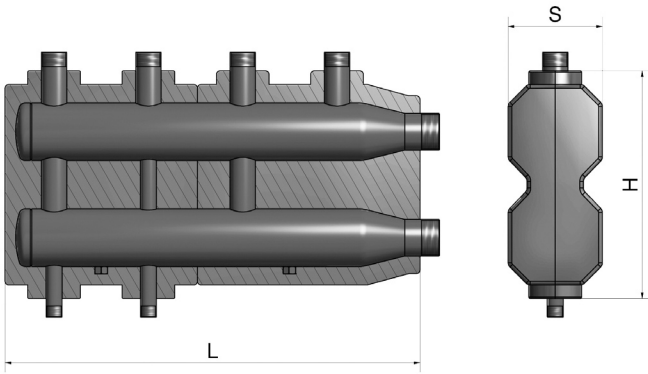
125mm CENTRE DISTANCE DUAL MANIFOLDS in AISI 304

OVERALL SIZE

With threaded male outlet R 1"



ZONES	A	B	C	H	D	Dr	d	d1	WEIGHT
2	562	140	125	350	2"1/2	R1"1/2	1"	1/2"	10 Kg
3	812	140	125	350	2"1/2	R1"1/2	1"	1/2"	14 Kg
4	1091	140	125	350	2"1/2	R1"1/2	1"	1/2"	18 Kg
5	1341	140	125	350	2"1/2	R1"1/2	1"	1/2"	23 Kg



ZONES	L	H	S
2	555	300	123
3	805	300	123
4	1055	300	123
5	1305	300	123



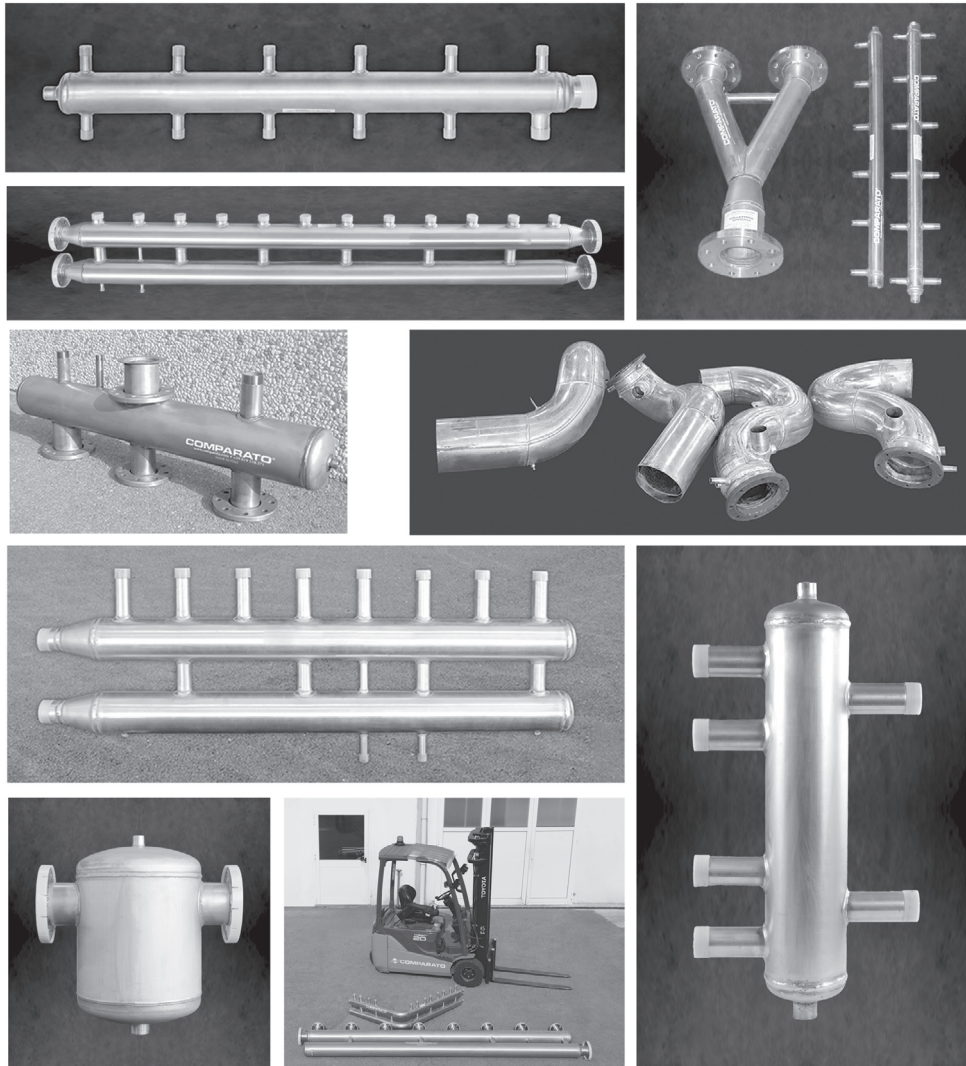
Diacol 125 INOX

125mm CENTRE DISTANCE DUAL MANIFOLDS in AISI 304

SPECIAL MANIFOLDS

Upon request, components for central heating systems in AISI 304 or AISI 316L stainless steel can be manufactured with non-standard dimensions based on the customer's design.

Some examples.



EXAMPLE OF SPECIFICATIONS

DIACOL 125 STAINLESS STEEL MANIFOLD FOR CENTRAL HEATING SYSTEMS, made of AISI 304 stainless steel, 3 zones, 125 mm interaxis with 1" M threaded connections, 1 1/2" M connections to the generator, maximum temperature 90 °C, minimum temperature 5°C, maximum pressure 5 bar.

Brand: **COMPARATO**
Code : **A03D01**

UPDATED DATA SHEETS AVAILABLE AT www.comparato.com

In order to provide an up-to-date service, Comparato Nello S.r.l. reserves the right to modify technical data, drawings, graphs and photos of this data sheet at any time, without prior notice.

BIM
BUILDING
INFORMATION
MODELING



HYDROTHERM SYSTEMS
COMPARATO NELLO s.r.l.

17014 CAIRO MONTENOTTE (SV) ITALIA VIALE DELLA LIBERTÀ • LOCALITÀ FERRANIA • Tel. +39 019 510.371 - FAX +39 019 517.102

www.comparato.com

e-mail: info@comparato.com

UNI EN ISO 9001:2015 CERTIFIED COMPANY