



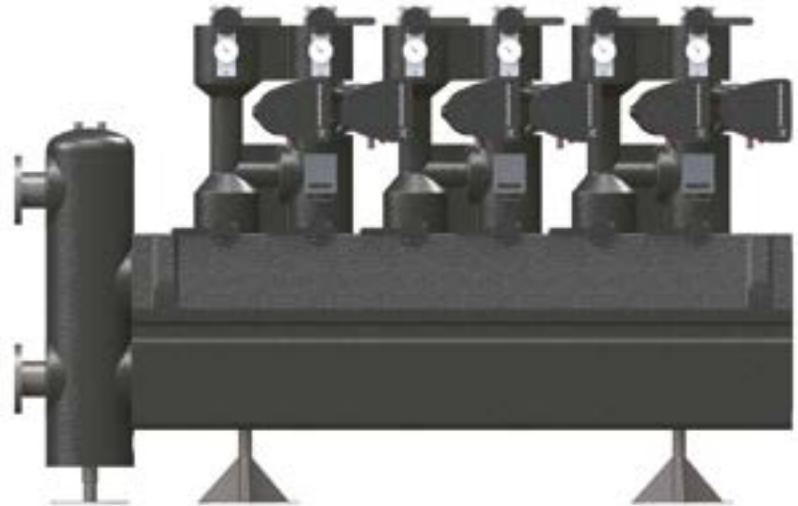
Pre Fabricated
Plant Room Systems

www.rhico.co.uk



Pre-Fabricated Plant Room Distribution Systems

Rhico DN40/50/65 plant room distribution systems have been designed as a professional alternative to traditional plant room installations. The unique modular plug and play system makes for fast and easy installation with a significant reduction in labour costs. The system is the first of its type to support twin headed pumps benefiting from higher reliability and increased efficiency. Fully insulated and aesthetically pleasing, the DN40/50/65 ensures continuity and a professional finish across all project types.



DN40



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DN50



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DN65

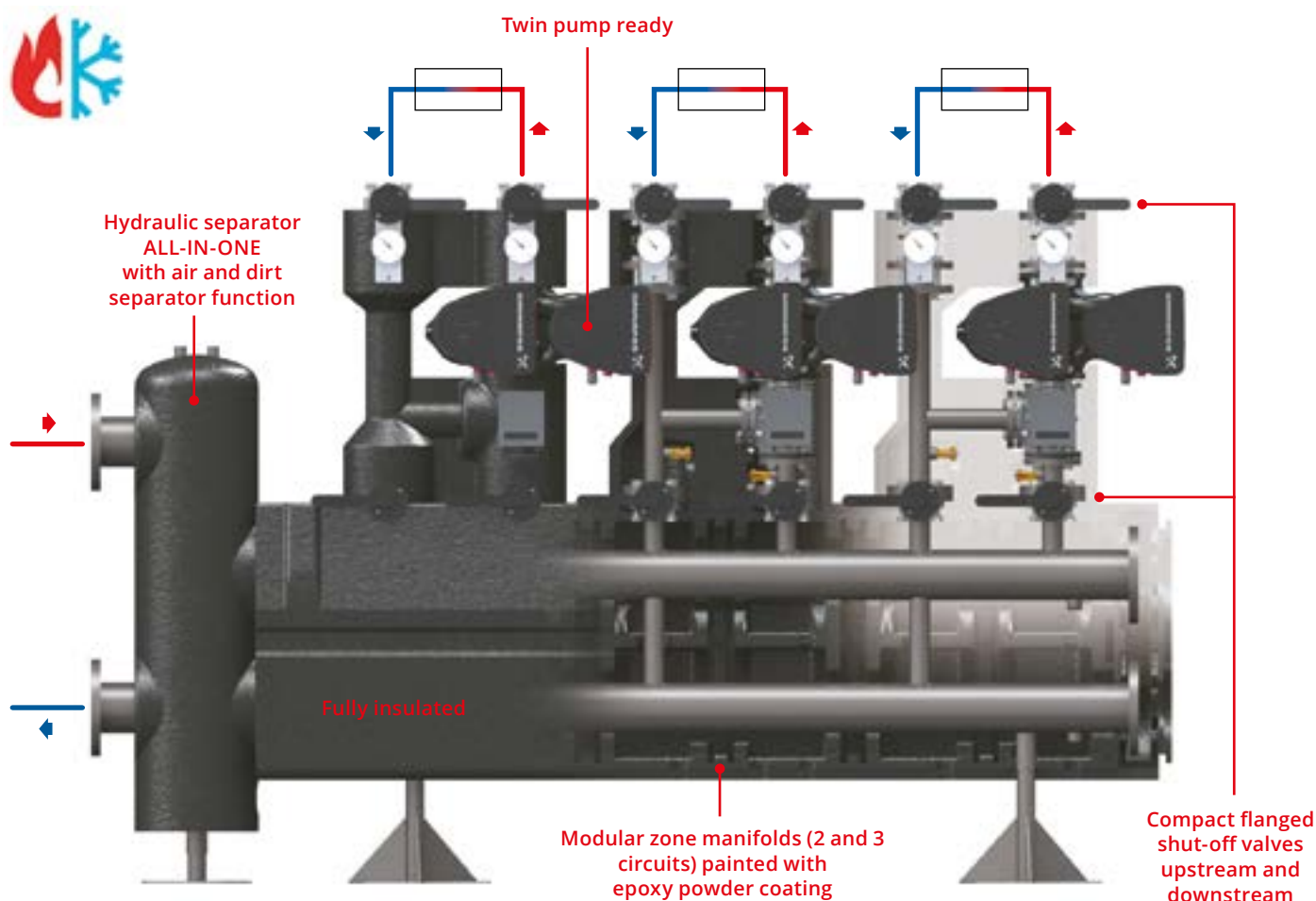


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Rhico DN40-50-65 energy distribution systems for large boiler rooms



DESCRIPTION

The Rhico DN energy distribution system is adaptable, versatile, flexible and is ideal for both new installations and refurbishment of existing plant rooms.

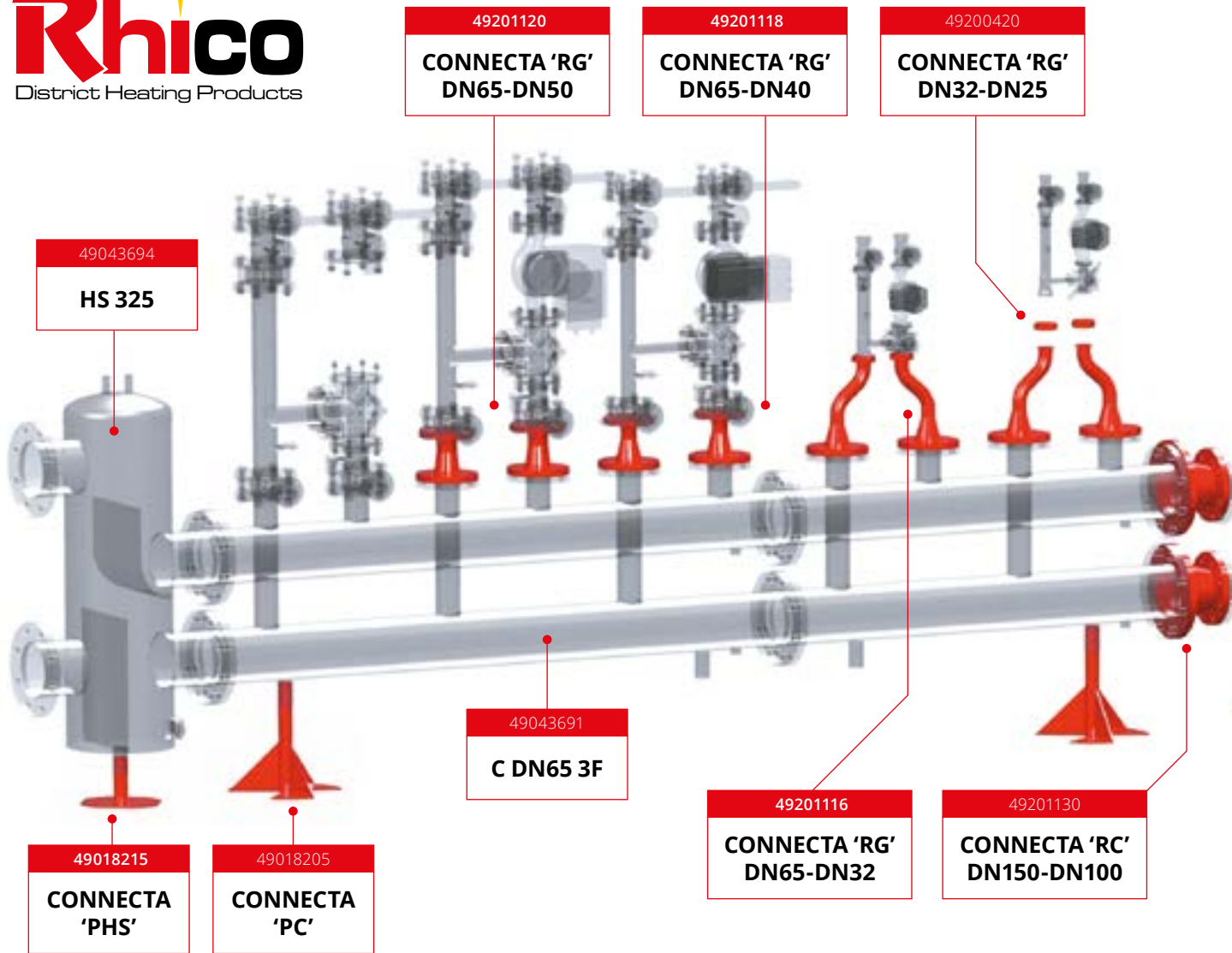
Through the introduction of the all new concept of 'CONNECTA' kit, Rhico is making the process of system and plant room design much easier. By standardising components, a modular plug-and-play system is made possible and is adaptable enough for any type of project. All modules are supplied pre-assembled, pressure tested and fully insulated so significantly simplifying on-site installation and assembly.

The DN range can be used in heating and cooling systems from 8°C and is the first ready-to-use system to which twin pumps can be installed.

BENEFITS

- Wide range of options - DN40, DN50, DN65 - tested, insulated and ready for installation.
- Modular system - adaptable for any type of project.
- Max working pressure 10 bar.
- Possibility of right/left flow reversal installations.
- Installation in confined and small spaces (90° curved connection for zone manifolds).
- Connection of several zone manifolds of different sizes (pump group connection reduction kit).
- Able to satisfy any type of demand independently of the zone manifold connection (adapter kit for pump groups up to DN25).
- Pump groups - ready for installation of twin pumps.

PFPR CONECTA Connection Kits



49043694
HS 325

49201120
CONNECTA 'RG' DN65-DN50

49201118
CONNECTA 'RG' DN65-DN40

49200420
CONNECTA 'RG' DN32-DN25

49018215
CONNECTA 'PHS'

49018205
CONNECTA 'PC'

49043691
C DN65 3F

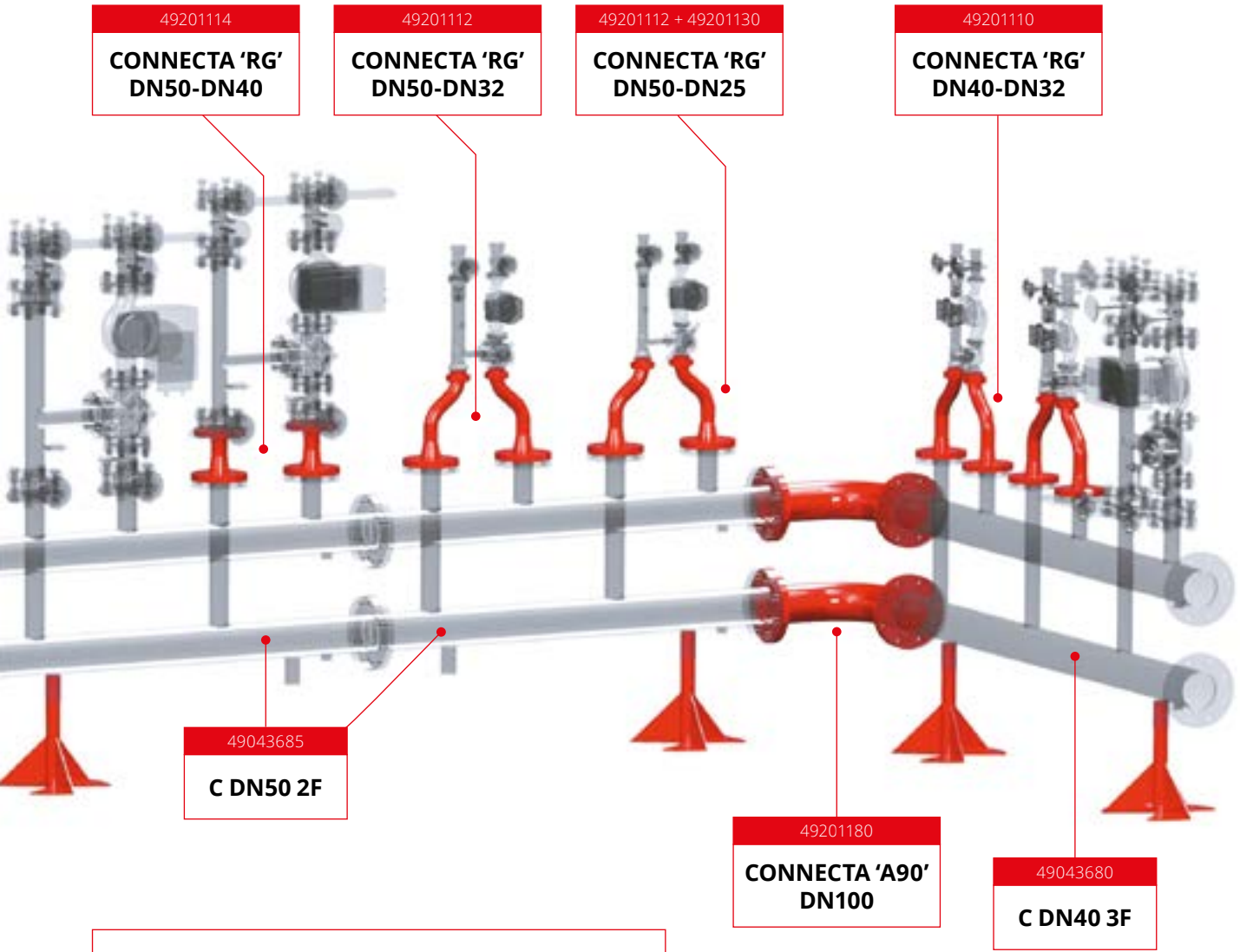
49201116
CONNECTA 'RG' DN65-DN32

49201130
CONNECTA 'RC' DN150-DN100

Versatile and flexible enough for any application!

The Rhico 'CONNECTA' kit allows you to:-

- Install in small and confined spaces by creating corner plant rooms with **CONNECTA 'A90'**.
- Connect different size zone manifolds with **CONNECTA 'RC'**.
- Satisfy any type of demand independently of the zone manifold connection with **CONNECTA 'RG'**.



Coupling kit for heat exchanger

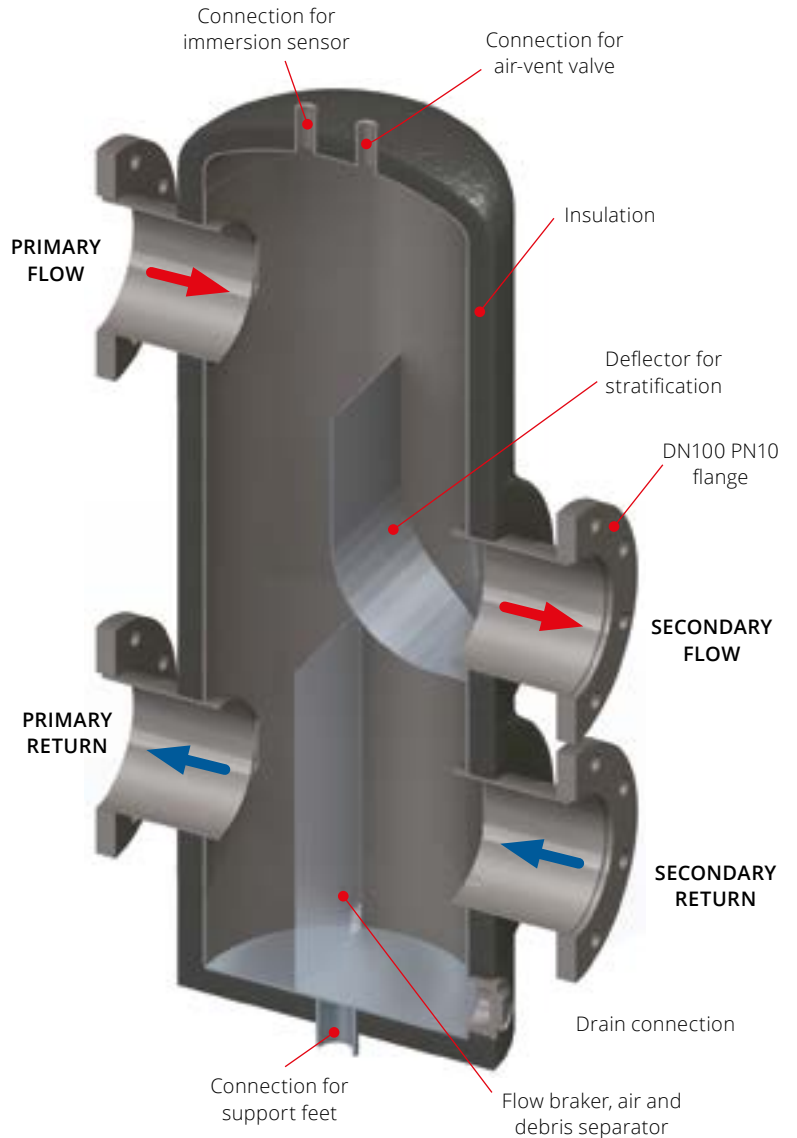
The DN system can be connected to a plate heat exchanger with a custom connection kit. Available on request.

APPLICATION

- Block of flats (central plant systems with energy management and metering modules)
- Shopping centres
- Hospitals and care homes
- Hotels
- Residential accommodation
- Large commercial and industrial buildings.

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DN40/50 HS 220 Low Loss Header



DESCRIPTION

The Rhico HS 220 DN40/DN50 low loss header is designed for use with independent hydraulic circuits when in the same system, the pump of the primary circuit (energy source) and one or more pumps of the secondary circuit (heating circuit), operate together. Its use eliminates problems of variation in flow rate.

Deflector for stratification

The internal design of the main chamber includes a stratification deflector helping to reduce heat transfer between the flow and return circuits.

Air separator and dirt separator function

A 'flow breaker' deflector in the lower section of the main chamber improves the stratification of sediment and debris. Both systems also facilitate the breaking and expulsion of air microbubbles.

FEATURES

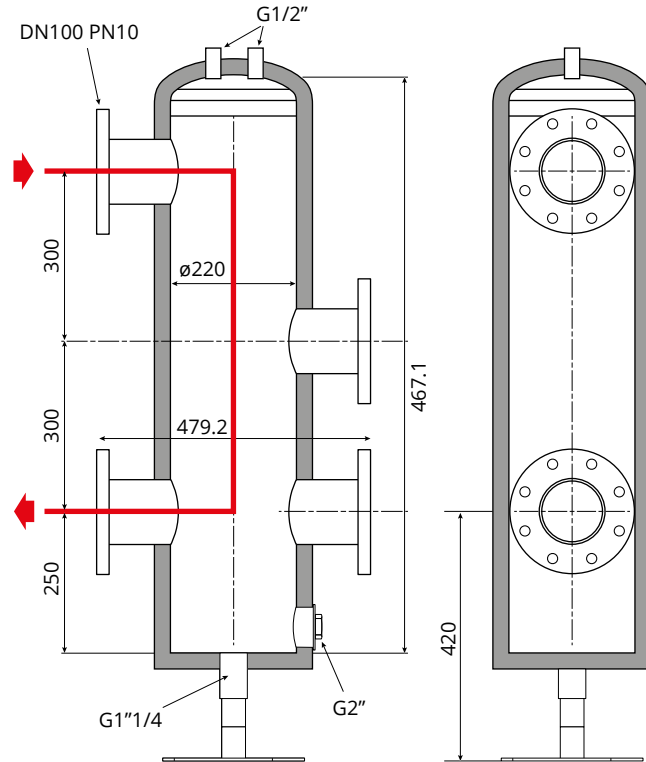
- Tested, insulated and ready to use
- Integrated system of air separation and sedimentation of debris
- Access point for draining the system
- Possibility of housing temperature sensors
- Painted with epoxy powder coating
- For heating and cooling
- Suitable for DN40 and DN50 applications

Description	Part no.
HS 220 - DN40/DN50 - Hydraulic separator insulator	49043689

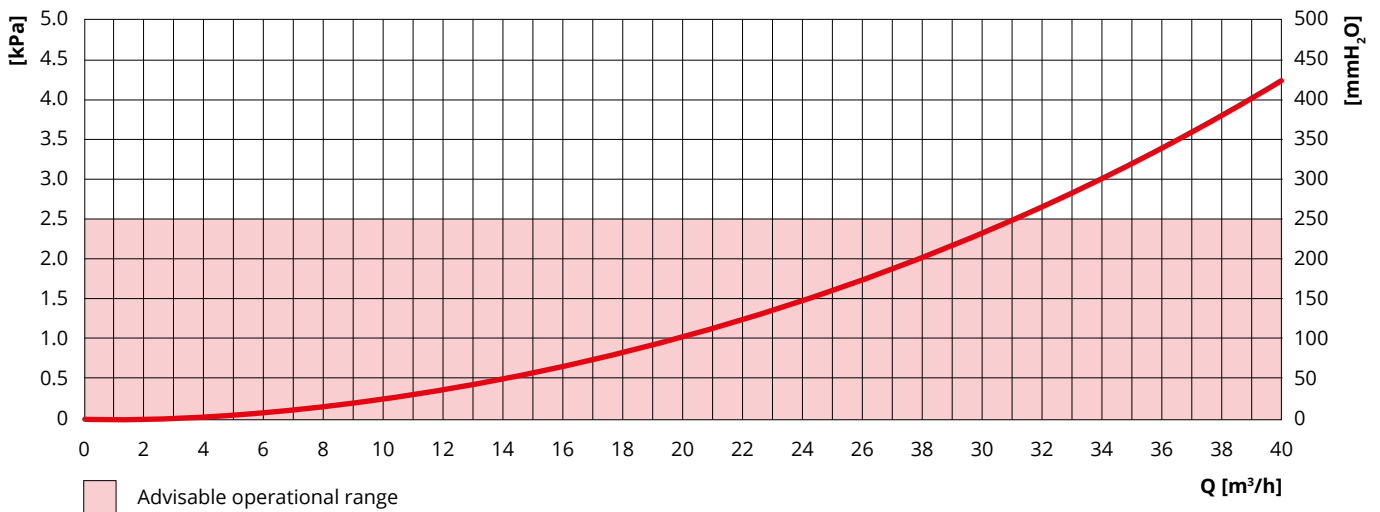
DN40/50 HS 220 Low Loss Header

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 20 K	750 kW
Max. flow rate	33 m ³ /h
Max temperature	100°C
Max. pressure	10 bar
D hydraulic separator	220 mm
Nominal \varnothing of flanges	DN100 PN10 8 holes
Internal speed	0.26 m/s
Speed at the entrance	1.00 m/s
Material of low loss header	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0.034 W/mK
Max. overall dimension (packaging)	L 1546 x W 386 x H 603
Painted with epoxy powder coating	



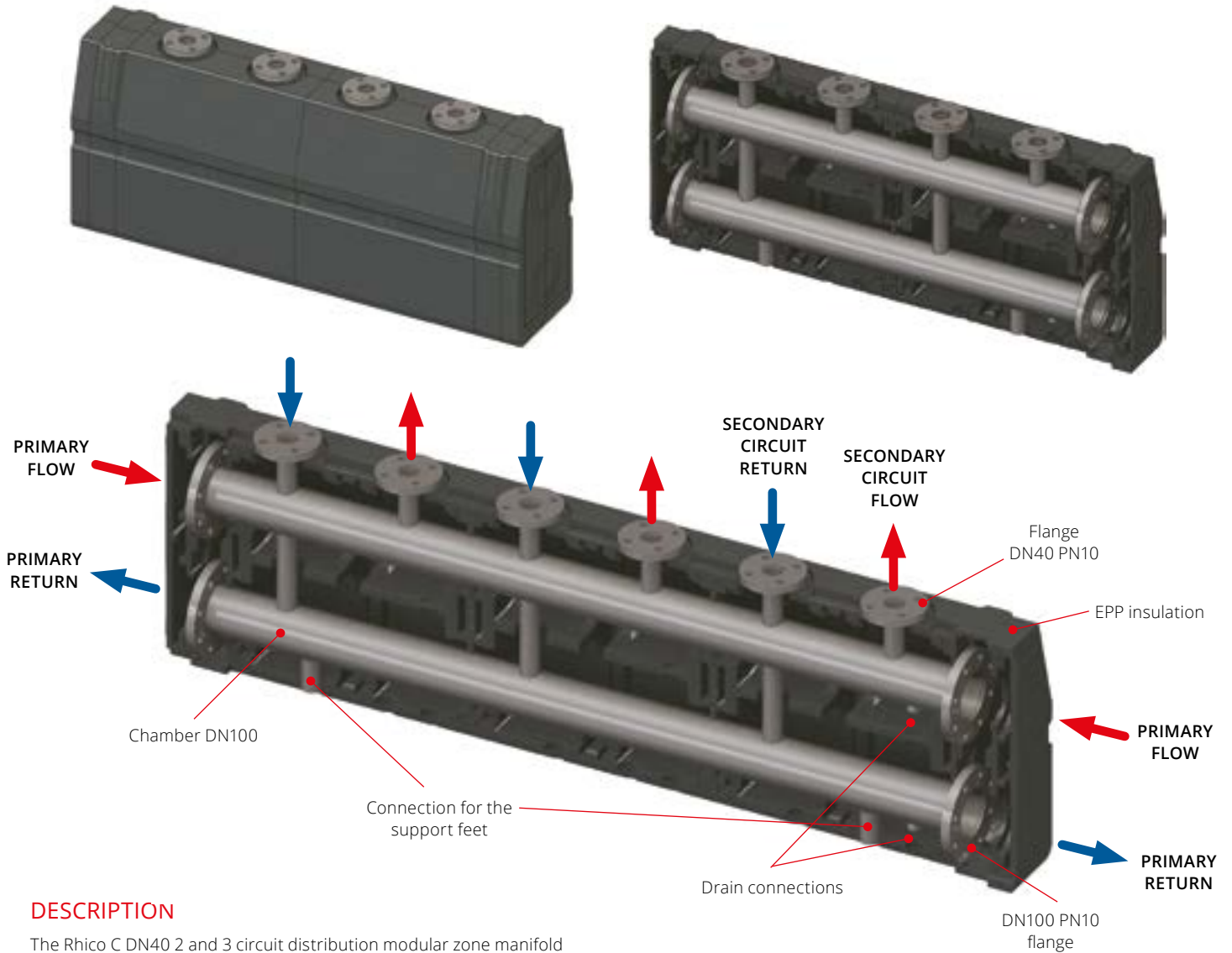
PRESSURE LOSSES



Accessories	Description	Part no.
KIT CONNECTA PHS	Support hydraulic separator HS 220	49018215
KIT CONNECTA F	DN100 PN10 8 holes flat flanges	49156735
KIT CONNECTA VC	DN100 PN10 8 holes flanges connection screws	49156710

For further details and information on accessories, please go to pages 28-30.

DN40 C Zone Manifolds



DESCRIPTION

The Rhico C DN40 2 and 3 circuit distribution modular zone manifold is made with cylindrical flow and return tubes, completely separated and insulated. The main connections to the heat generator and to the secondary circuit are flanged.

Suitable for all applications

'CONNECTA' kit makes it possible to:-

- Install it in small and confined spaces (90° curved connection for the zone manifolds)
- Connect several zone manifolds of different sizes (pump group reduction kit)
- Satisfy any type of heating/cooling demand independently of the zone manifold connection (adapter kit for pump groups up to DN25).

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

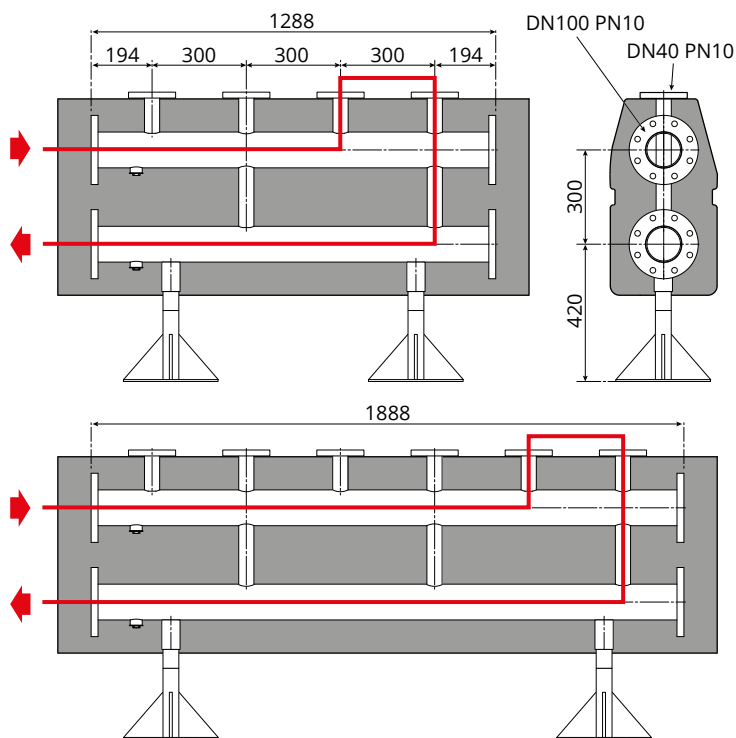
FEATURES

- Separated and fully insulated flow and return
- Tested and ready for the installation
- Access point for draining the system
- Painted with epoxy powder coating
- For heating and cooling
- Max. working pressure 10 bar
- Flange cover included in the insulation

Description	Part no.
C DN40 2F - 2 Zone Manifold - Insulated	49043680
C DN40 3F - 3 Zone Manifold - Insulated	49043681

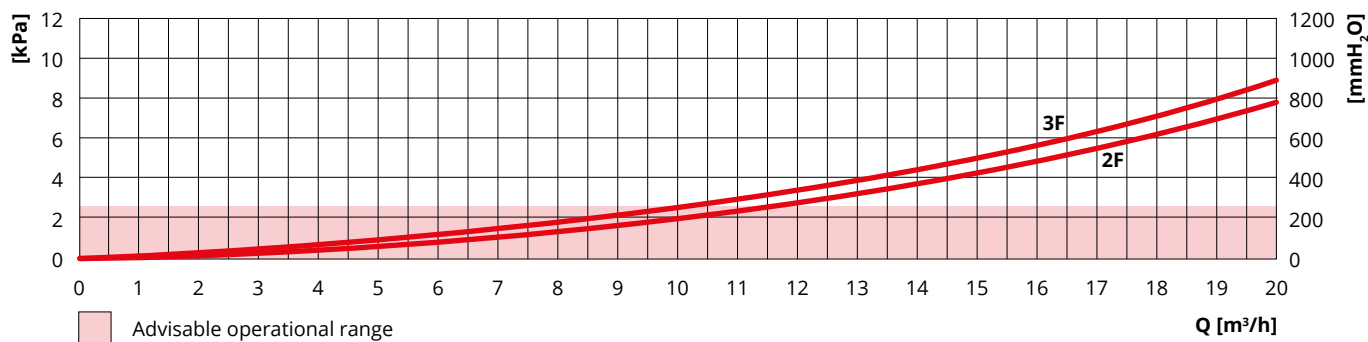
DN40 C Zone Manifolds

DIMENSION AND CONNECTIONS



Technical specifications	
Output ΔT 20 K	750 kW
Max. flow rate	33 m ³ /h
Max temperature	100°C
Max. pressure	10 bar
D hydraulic separator	100 mm
Nominal \varnothing of primary circuit flanges	DN100 PN10 8 holes
Nominal \varnothing of secondary circuit flanges	DN40 PN10 4 holes
Internal speed	1.00m/s
Material of zone manifold	Fe EN 10217-1
Material of insulation	EPP 40 g/l sp 30 mm 0.035 W/mK
Max overall dimension (packaging) 2 circuits	L 1360 x W 420 x H 958
Max overall dimension (packaging) 3 circuits	L 1960 x W 406 x H 958
Painted with epoxy powder coating	

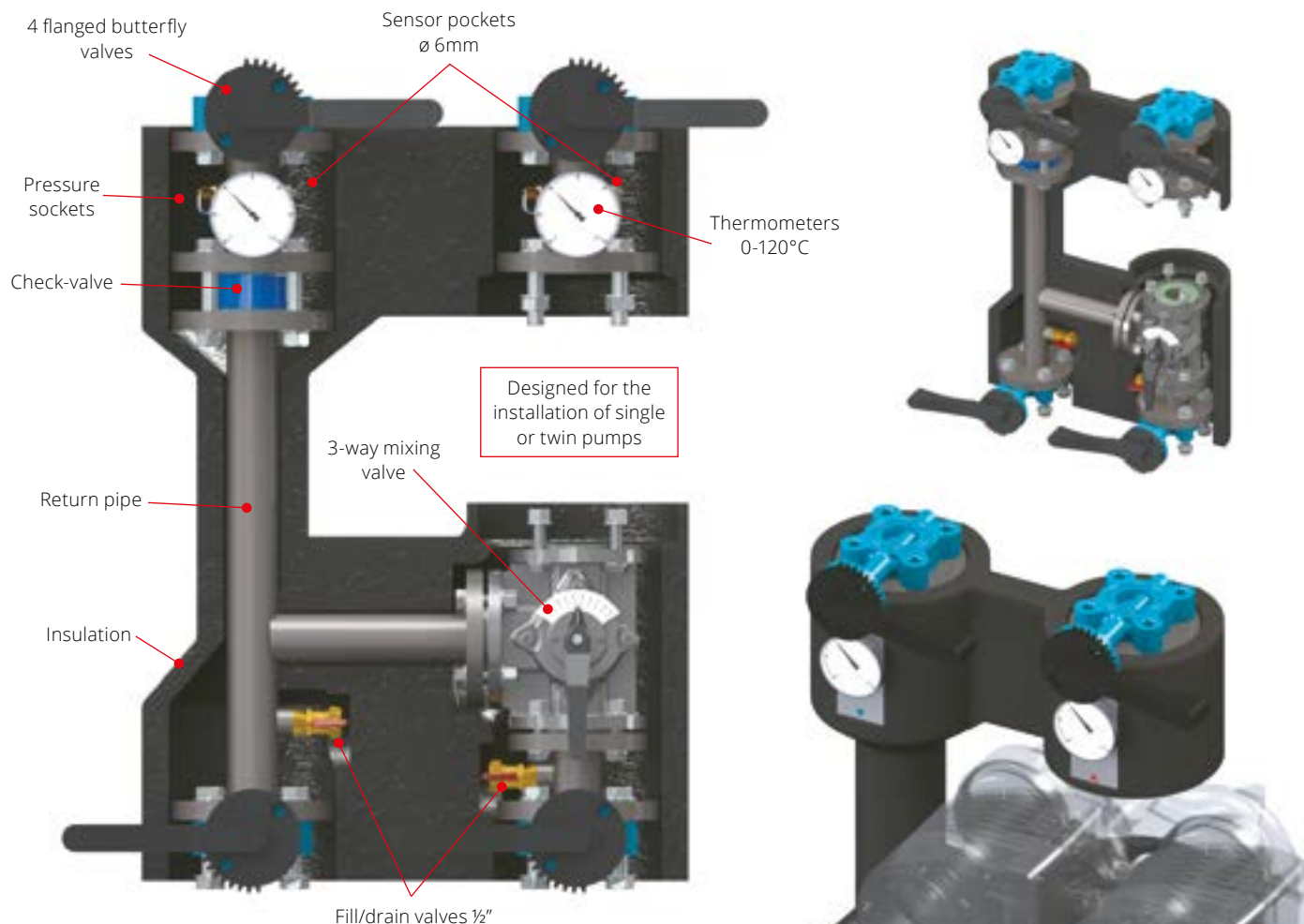
PRESSURE LOSSES



Accessories	Description	Part no.
KIT CONNECTA PC	Support	49018205
KIT CONNECTA FC	DN100 PN10 8 holes blind flanges	49156730
KIT CONNECTA VC	DN100 PN10 8 holes flanges connection screws	49156710
KIT CONNECTA A90 DN100	On demand	49201180
KIT CONNECTA RG DN40 > DN32	Reducers	49201110
KIT CONNECTA RG DN32 > DN25	Reducers	49200420

For further details and information on accessories, please go to pages 28-30.

DN40 TV3-300 Mixing Pump Group



DESCRIPTION

The Rhico DN40 TV3-300 mixing pump group is designed for temperature control of the primary circuit for either heating or cooling installations. It can be installed directly on the zone manifold or independently using a connection adapter kit DN65 and DN50.

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

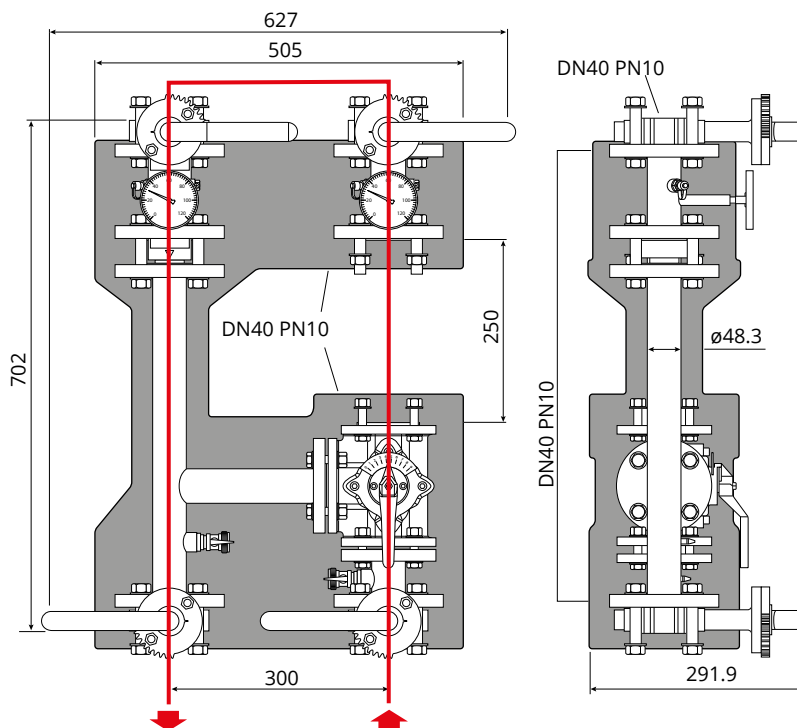
- Plug & Play module
- Possibility of right/left flow reversal installations
- Pump groups - ready for installation of twin pumps
- Easy access to the components
- Ready for the installation of temperature and pressure sensors
- Painted with epoxy powder coating
- Tested, insulated and ready to use

Description	Part no.
TV3-300 DN40 - Mixing pump group - servomotor not included	49043610
Rotary electric actuator 230V 3P	20317350
Rotary electric actuator 24V 0÷10V	20317351

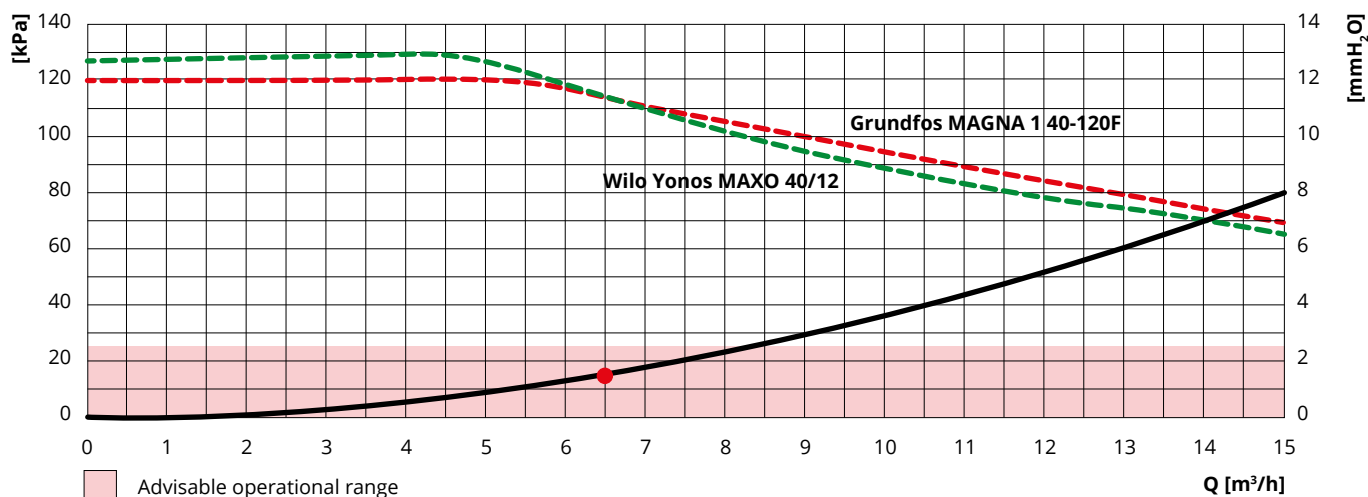
DN40 TV3-300 Mixing Pump Group

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 5 K	38 kW
Output ΔT 20 K	150 kW
Max temperature	100°C
Max. pressure	10 bar
Flow rate (ΔP 15 KPa)	6.46 m ³ /h
Mixing valve Kvs	25
Nominal \varnothing	DN40
Material	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0,034 W/mK
Max overall dimension (packaging)	L 940 x W 660 x H 477
Painted with epoxy powder coating	



PRESSURE LOSSES

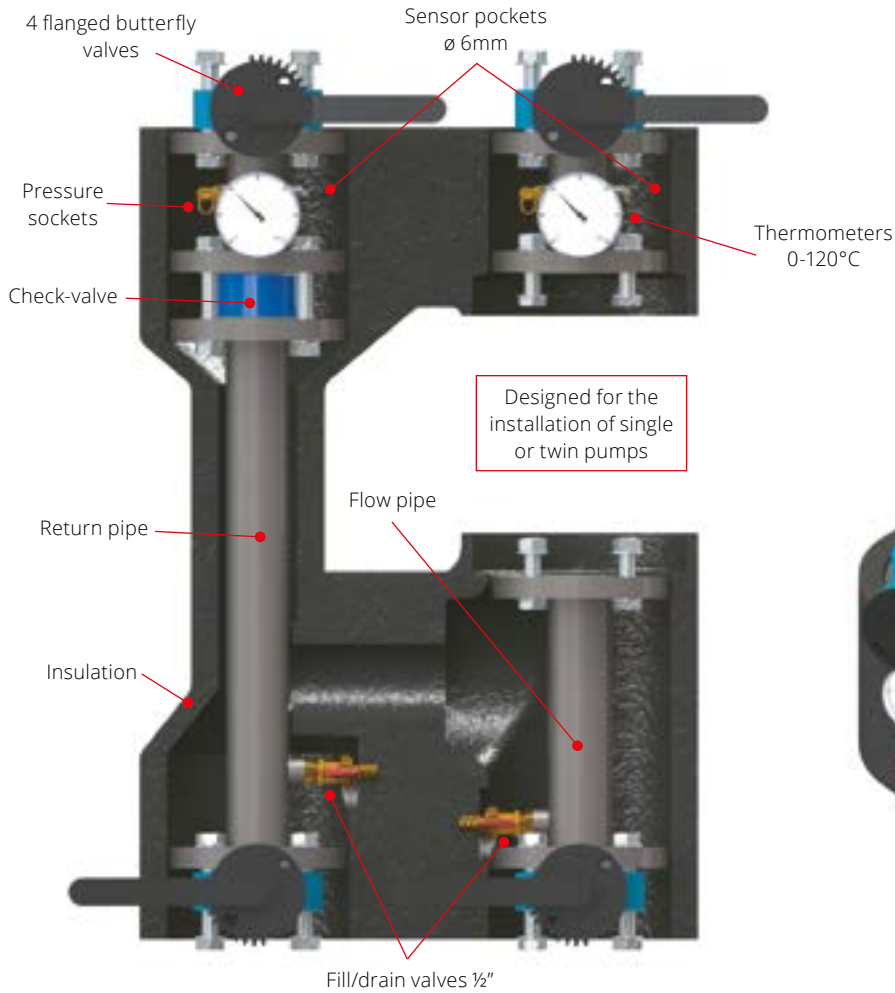


Accessories	Part no.
Grundfos MAGNA1 40-120 F (insulation included)	20313505
Grundfos MAGNA1 D 40-120 F	20313522
Insulation for Grundfos MAGNA1 D 40-120 F	20290267

Accessories	Part no.
Wilo YONOS MAXO 40/12	20313176
Insulation for Wilo MAXO 40/12	20290272
Wilo YONOS MAXO D 40/12	20313205
Insulation for Wilo YONOS MAXO D 40/12	20290264

For further details and information on accessories, please go to pages 28-30.

DN40 S-300 Direct Pump Group



DESCRIPTION

The Rhico DN40 S-300 direct pump group is designed for primary circuit circulation for either heating or cooling installations. It can be installed directly on the zone manifold or independently using a connection adapter kit DN65 and DN50.

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

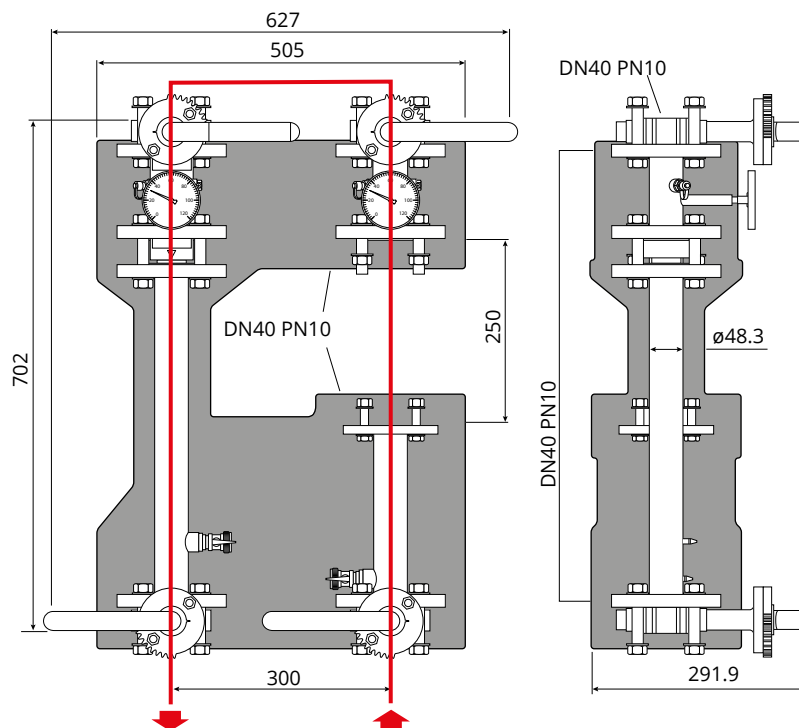
- Plug & Play module
- Possibility of right/left flow reversal installations
- Pump groups - ready for installation of twin pumps
- Easy access to the components
- Ready for the installation of temperature and pressure sensors
- Painted with epoxy powder coating
- Tested, insulated and ready to use

Description	Part no.
S-300 DN40 - Direct Pump Group	49043600

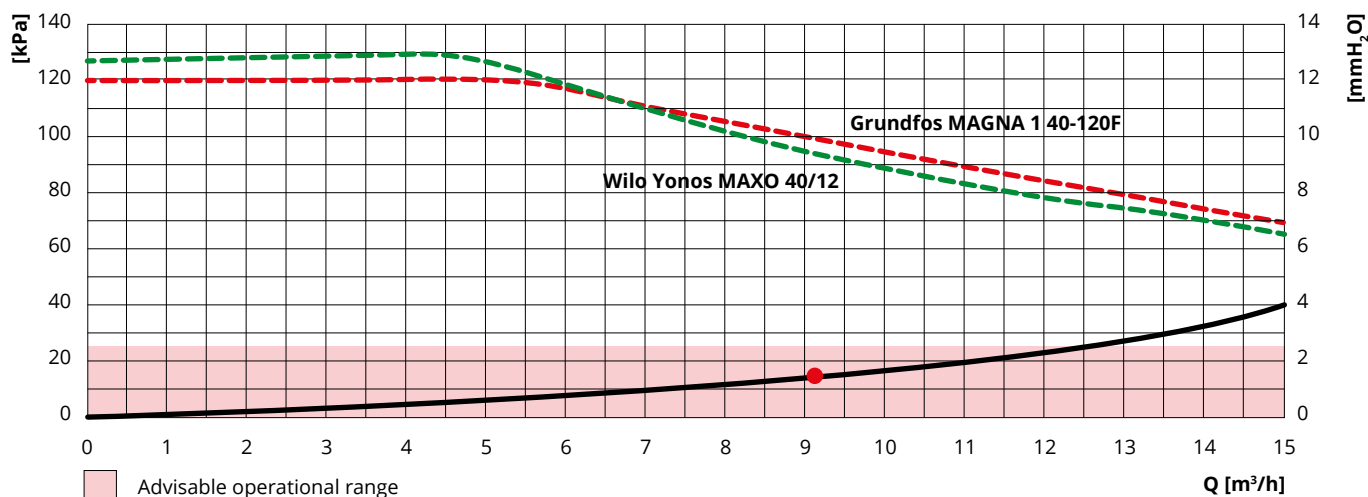
DN40 S-300 Direct Pump Group

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 5 K	53 kW
Output ΔT 20 K	211 kW
Max temperature	100°C
Max. pressure	10 bar
Flow rate (ΔP 15 KPa)	9.1 m ³ /h
Nominal \varnothing	DN40
Material	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0,034 W/mK
Max overall dimension (packaging)	L 940 x W 660 x H 477
Painted with epoxy powder coating	



PRESSURE LOSSES

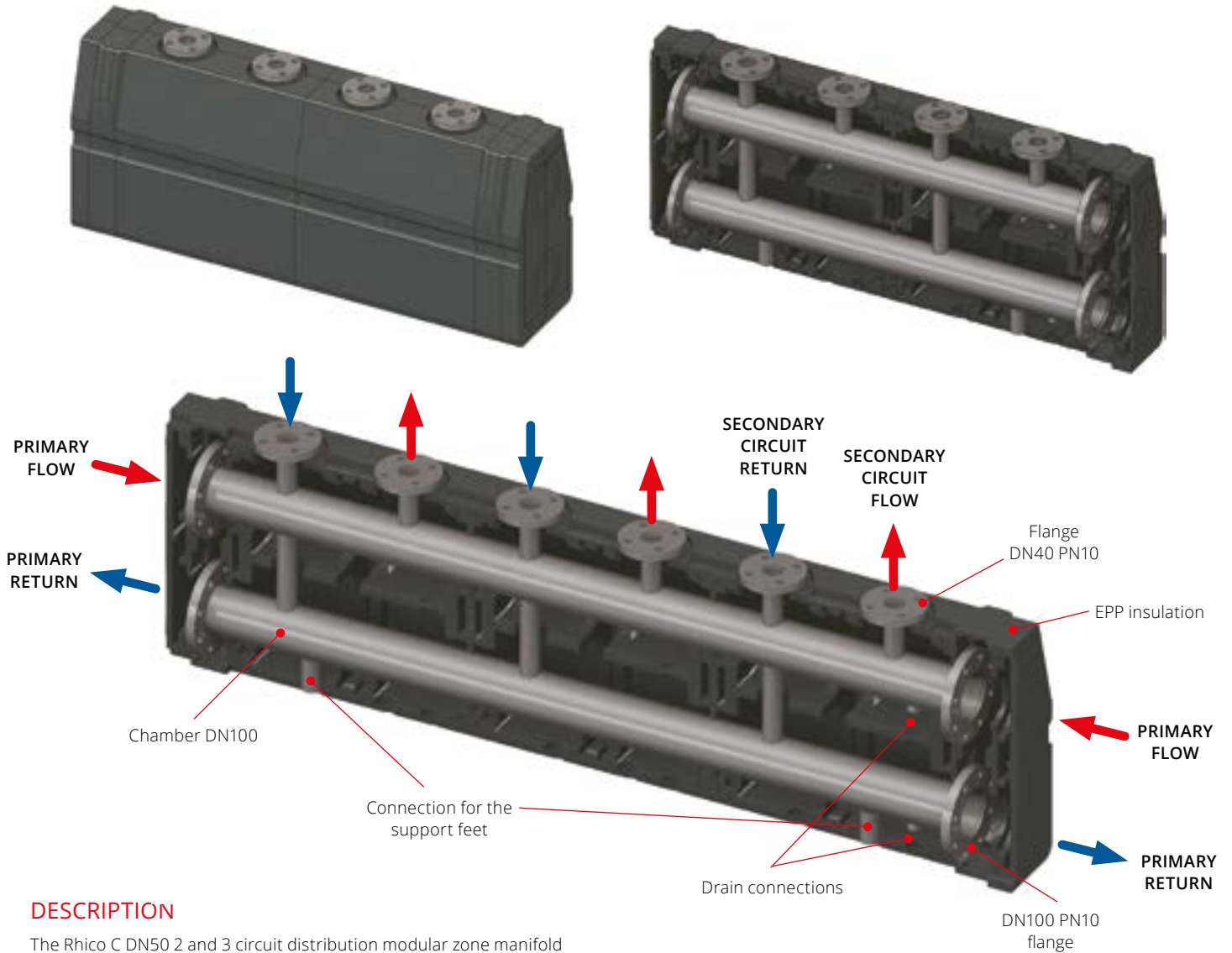


Accessories	Part no.
Grundfos MAGNA1 40-120 F (insulation included)	20313505
Grundfos MAGNA1 D 40-120 F	20313522
Insulation for Grundfos MAGNA1 D 40-120 F	20290267

Accessories	Part no.
Wilo YONOS MAXO 40/12	20313176
Insulation for Wilo MAXO 40/12	20290272
Wilo YONOS MAXO D 40/12	20313205
Insulation for Wilo YONOS MAXO D 40/12	20290264

For further details and information on accessories, please go to pages 28-30.

DN50 C Zone Manifolds



DESCRIPTION

The Rhico C DN50 2 and 3 circuit distribution modular zone manifold is made with cylindrical flow and return tubes, completely separated and insulated. The main connections to the heat generator and to the secondary circuit are flanged.

Suitable for all applications

'CONNECTA' kit makes it possible to:-

- Install it in small and confined spaces (90° curved connection for the zone manifolds)
- Connect several zone manifolds of different sizes (pump group reduction kit)
- Satisfy any type of heating/cooling demand independently of the zone manifold connection (adapter kit for pump groups up to DN25).

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

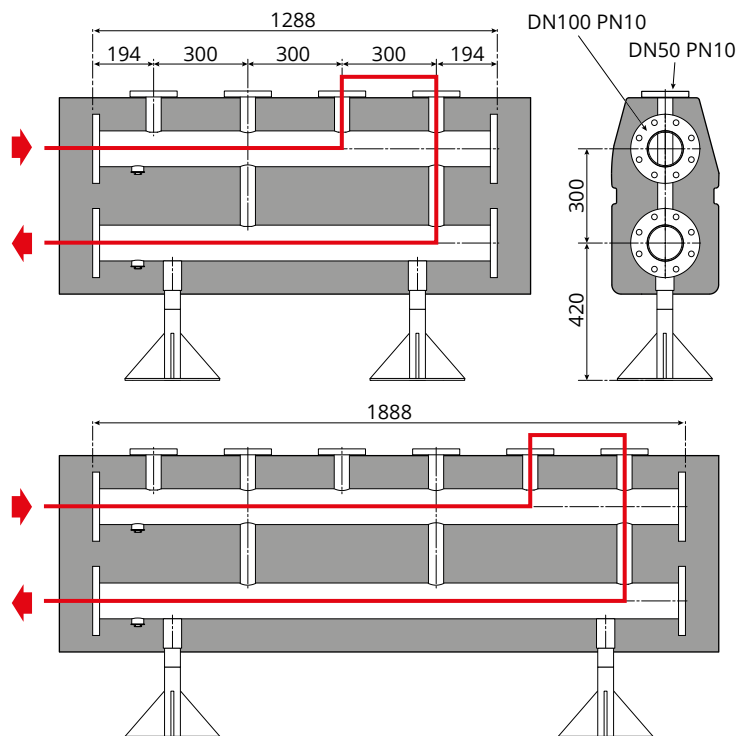
- Separated and fully insulated flow and return
- Tested and ready for the installation
- Access point for draining the system
- Painted with epoxy powder coating
- For heating and cooling
- Max. working pressure 10 bar
- Flange cover included in the insulation

Description	Part no.
C DN50 2F - 2 Zone Manifold - Insulated	49043685
C DN50 3F - 3 Zone Manifold - Insulated	49043686

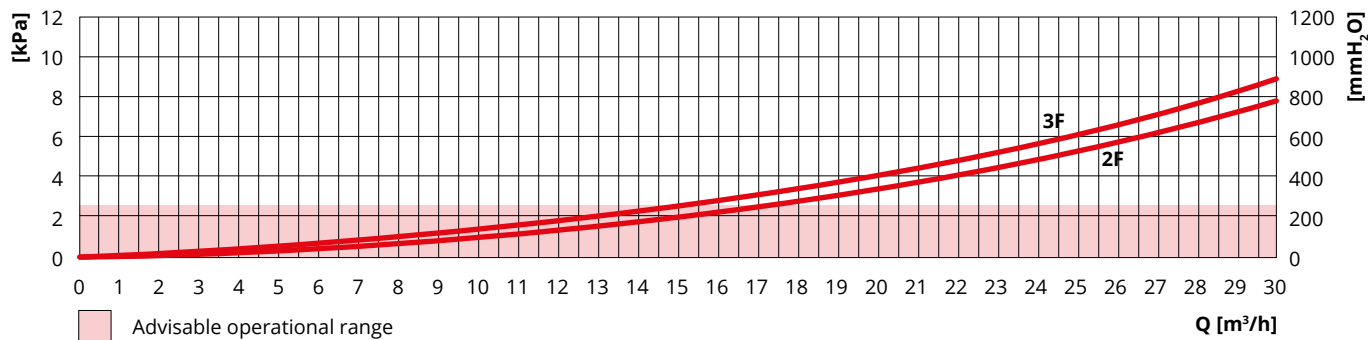
DN50 C Zone Manifolds

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 20 K	750 kW
Max. flow rate	33 m ³ /h
Max temperature	100°C
Max. pressure	10 bar
Nominal \varnothing of primary circuit flanges	DN100 PN10 8 holes
Nominal \varnothing of secondary circuit flanges	DN40 PN10 4 holes
Internal speed	1.00m/s
Material of zone manifold	Fe EN 10217-1
Material of insulation	EPP 40 g/l sp 30 mm 0.035 W/mK
Max overall dimension (packaging) 2 circuits	L 1360 x W 420 x H 958
Max overall dimension (packaging) 3 circuits	L 1960 x W 406 x H 958
Painted with epoxy powder coating	



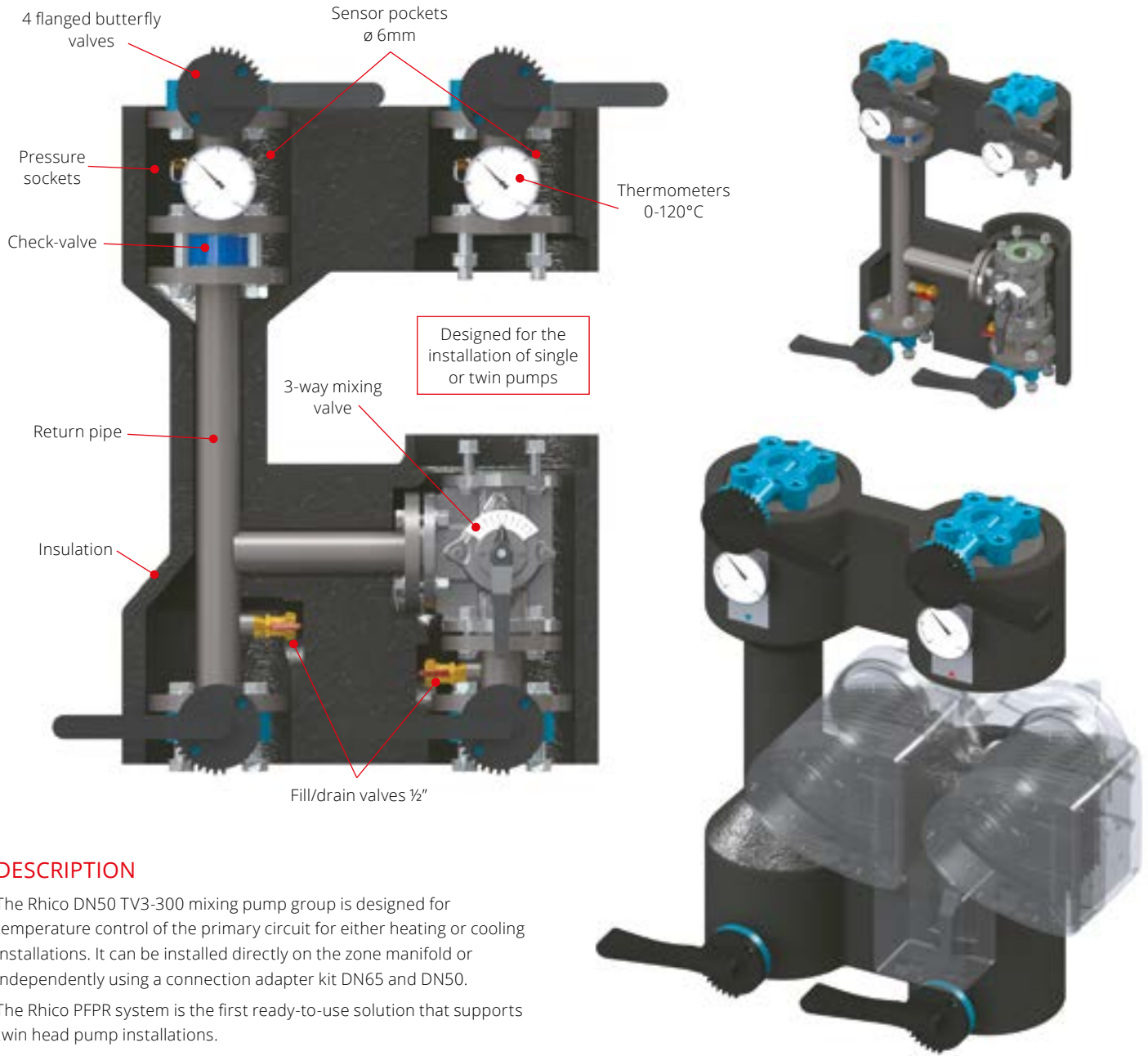
PRESSURE LOSSES



Accessories	Description	Part no.
KIT CONNECTA PC	Support	49018205
KIT CONNECTA FC	DN100 PN10 8 holes blind flanges	49156730
KIT CONNECTA A90 DN100	On demand	49201180
KIT CONNECTA VC	DN100 PN10 8 holes flanges connection screws	49156710
KIT CONNECTA RG DN50 > DN40	Reducers	49201114
KIT CONNECTA RG DN50 > DN32	Reducers	49201112
KIT CONNECTA RG DN32 > DN25	Reducers	49200420

For further details and information on accessories, please go to pages 28-30.

DN50 TV3-300 Mixing Pump Group



DESCRIPTION

The Rhico DN50 TV3-300 mixing pump group is designed for temperature control of the primary circuit for either heating or cooling installations. It can be installed directly on the zone manifold or independently using a connection adapter kit DN65 and DN50.

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

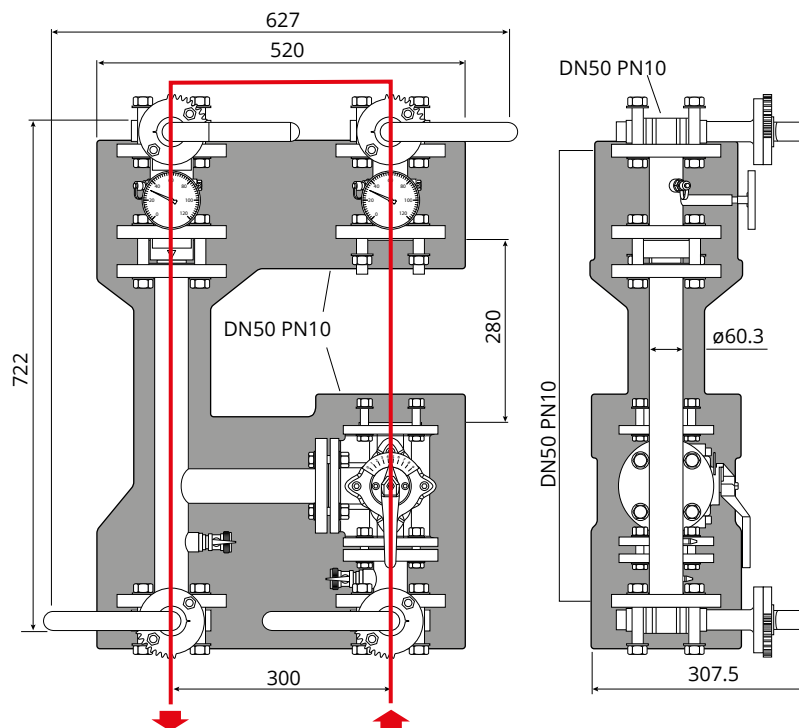
- Plug & Play module
- Possibility of right/left flow reversal installations
- Pump groups - ready for installation of twin pumps
- Easy access to the components
- Ready for the installation of temperature and pressure sensors
- Painted with epoxy powder coating
- Tested, insulated and ready to use

Description	Part no.
TV3-300 DN50 - Mixing pump group - servomotor not included	49043630
Rotary electric actuator 230V 3P	20317350
Rotary electric actuator 24V 0÷10V	20317351

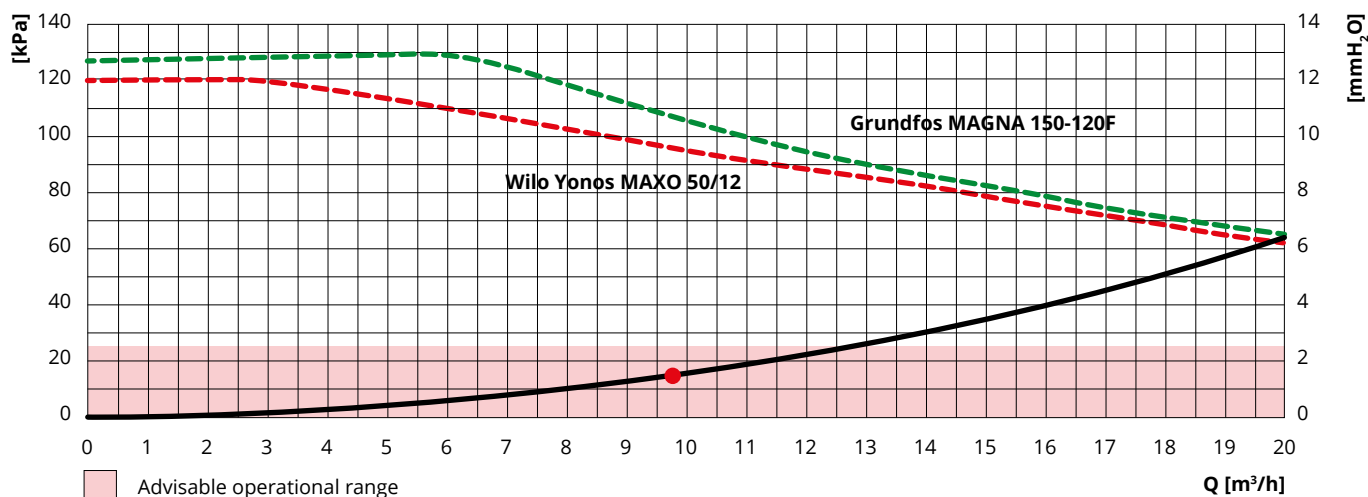
DN50 TV3-300 Mixing Pump Group

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 5 K	56 kW
Output ΔT 20 K	225 kW
Max temperature	100°C
Max. pressure	10 bar
Flow rate (ΔP 15 KPa)	9.7 m ³ /h
Mixing valve Kvs	40
Nominal \varnothing	DN50
Material	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0,034 W/mK
Max overall dimension (packaging)	L 940 x W 660 x H 477
Painted with epoxy powder coating	



PRESSURE LOSSES

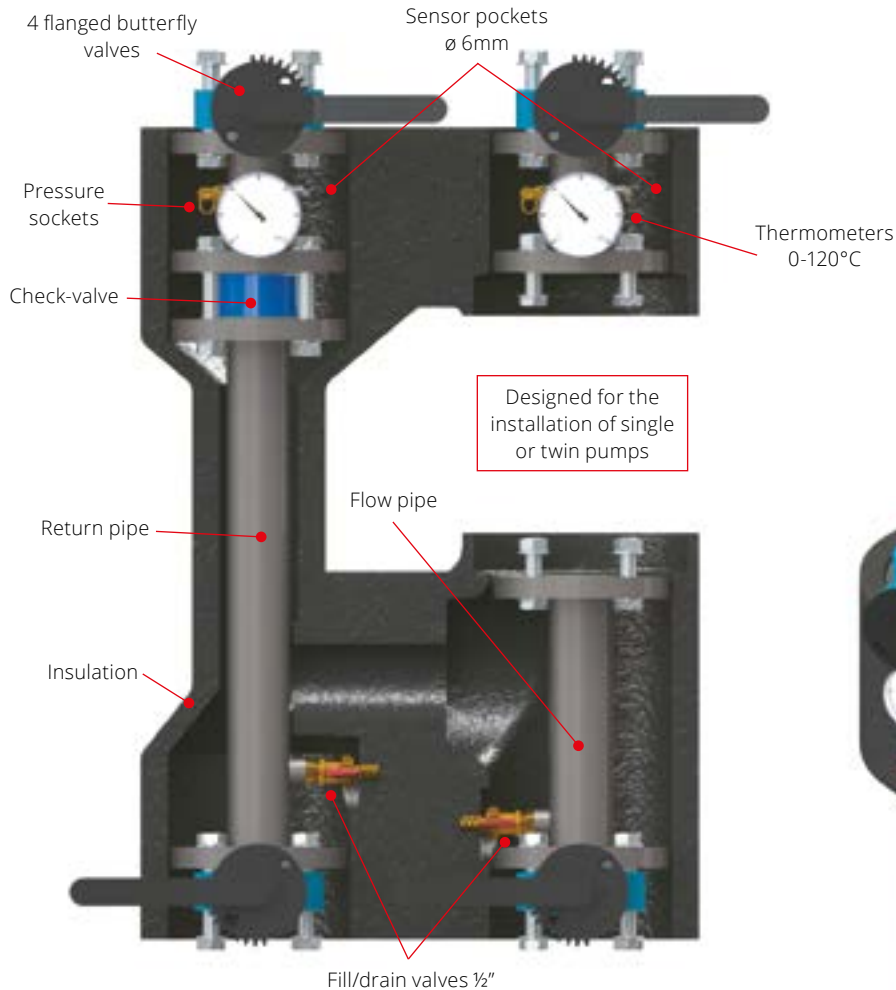


Accessories	Part no.
Grundfos MAGNA1 50-120 F (insulation included)	20313516
Grundfos MAGNA1 D 50-120 F	20313517
Insulation for Grundfos MAGNA1 D 50-120 F	20290266

Accessories	Part no.
Wilo YONOS MAXO 50/12	20313178
Insulation for Wilo MAXO 50/12	20290271
Wilo YONOS MAXO D 50/12	20313177
Insulation for Wilo YONOS MAXO D 50/12	20290263

For further details and information on accessories, please go to pages 28-30.

DN50 S-300 Direct Pump Group



DESCRIPTION

The Rhico DN50 S-300 direct pump group is designed for primary circuit circulation for either heating or cooling installations. It can be installed directly on the zone manifold or independently using a connection adapter kit DN65 and DN50.

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

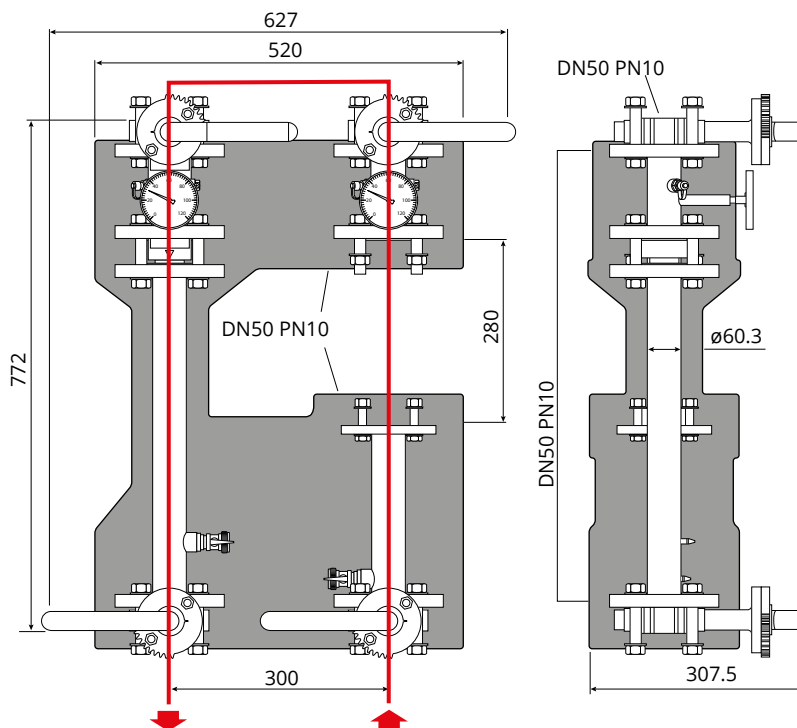
- Plug & Play module
- Possibility of right/left flow reversal installations
- Pump groups - ready for installation of twin pumps
- Easy access to the components
- Ready for the installation of temperature and pressure sensors
- Painted with epoxy powder coating
- Tested, insulated and ready to use

Description	Part no.
S-300 DN5 0 - Direct Pump Group	49043620

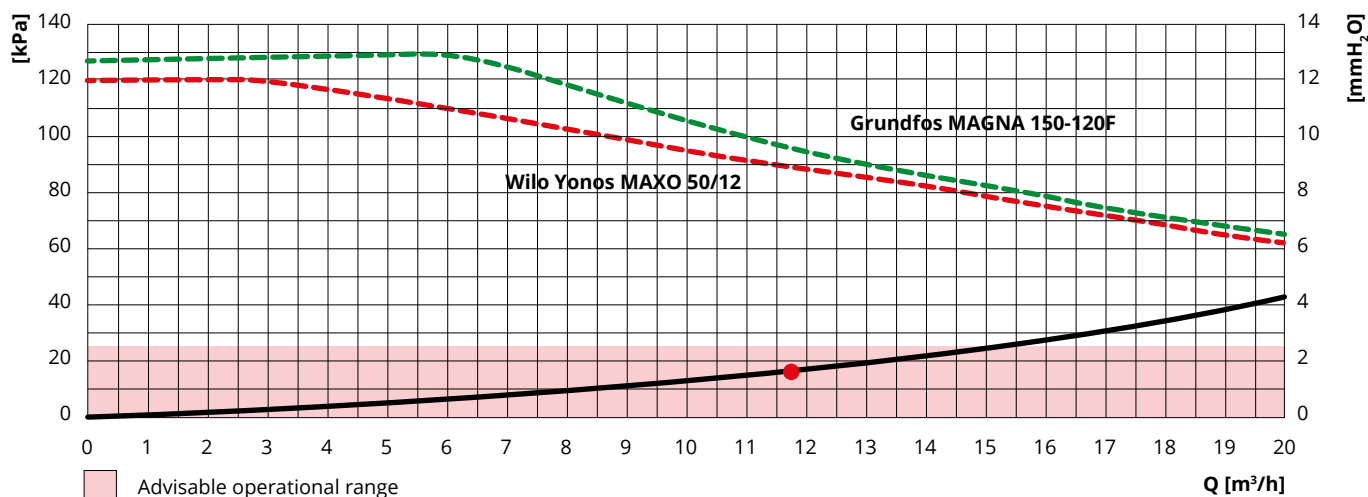
DN50 S-300 Direct Pump Group

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 5 K	68 kW
Output ΔT 20 K	274 kW
Max temperature	100°C
Max. pressure	10 bar
Flow rate (ΔP 15 KPa)	11.8 m ³ /h
Nominal \varnothing	DN50
Material	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0,034 W/mK
Max overall dimension (packaging)	L 940 x W 660 x H 477
Painted with epoxy powder coating	



PRESSURE LOSSES

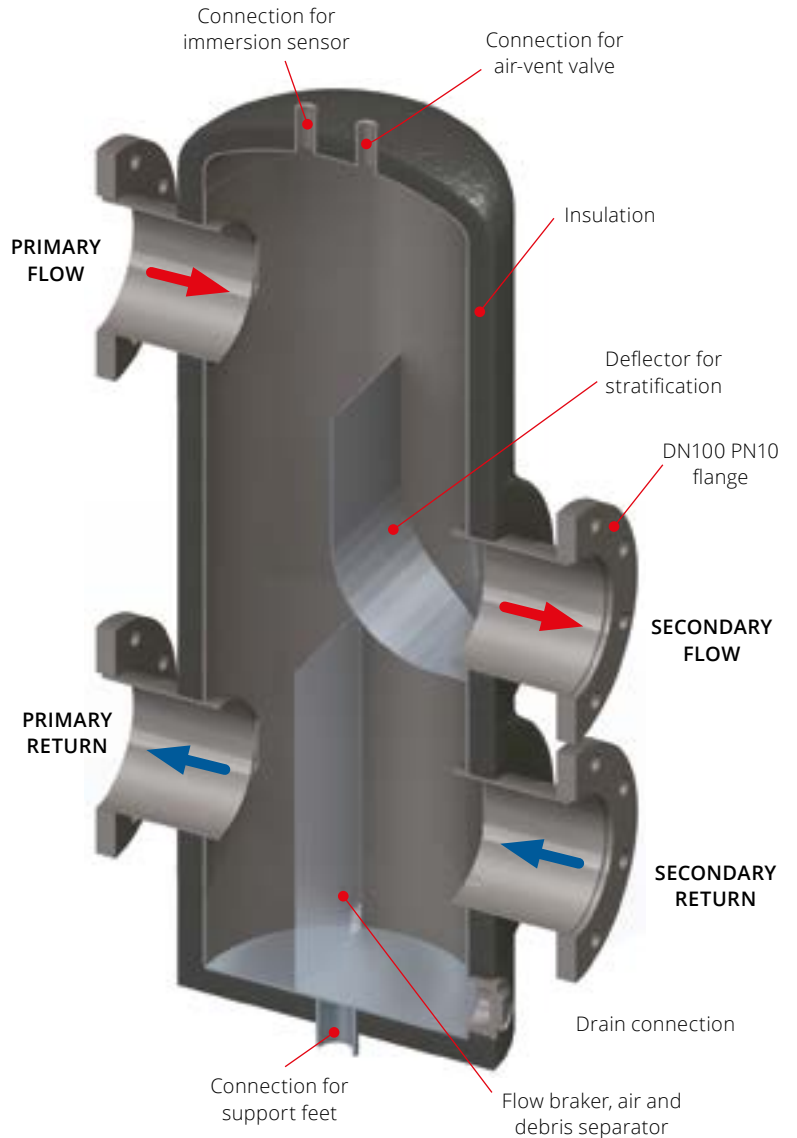


Accessories	Part no.
Grundfos MAGNA1 50-120 F (insulation included)	20313516
Grundfos MAGNA1 D 50-120 F	20313517
Insulation for Grundfos MAGNA1 D 50-120 F	20290266

Accessories	Part no.
Wilo YONOS MAXO 50/12	20313178
Insulation for Wilo MAXO 50/12	20290271
Wilo YONOS MAXO D 50/12	20313177
Insulation for Wilo YONOS MAXO D 50/12	20290263

For further details and information on accessories, please go to pages 28-30.

DN65 HS 325 Low Loss Header



DESCRIPTION

The Rhico HS 325 DN65/DN80 low loss header is designed for use with independent hydraulic circuits when in the same system, the pump of the primary circuit (energy source) and one or more pumps of the secondary circuit (heating circuit), operate together. Its use eliminates problems of variation in flow rate.

Deflector for stratification

The internal design of the main chamber includes a stratification deflector helping to reduce heat transfer between the flow and return circuits.

Air separator and dirt separator function

A 'flow breaker' deflector in the lower section of the main chamber improves the stratification of sediment and debris. Both systems also facilitate the breaking and expulsion of air microbubbles.

FEATURES

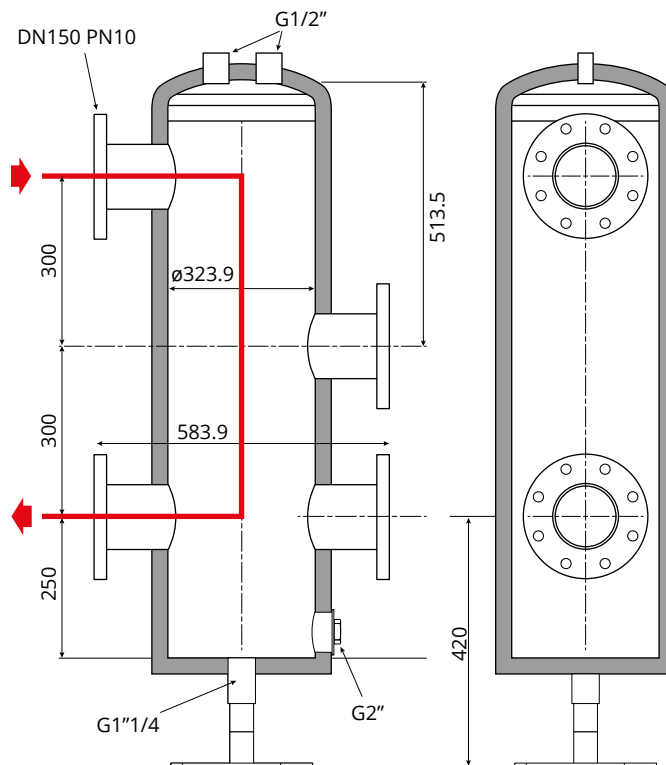
- Tested, insulated and ready to use
- Integrated system of air separation and sedimentation of debris
- Access point for draining the system
- Possibility of housing temperature sensors
- Painted with epoxy powder coating
- For heating and cooling
- Suitable for DN40 and DN50 applications

Description	Part no.
HS 325 - DN65/DN80 - Hydraulic separator insulator	49043694

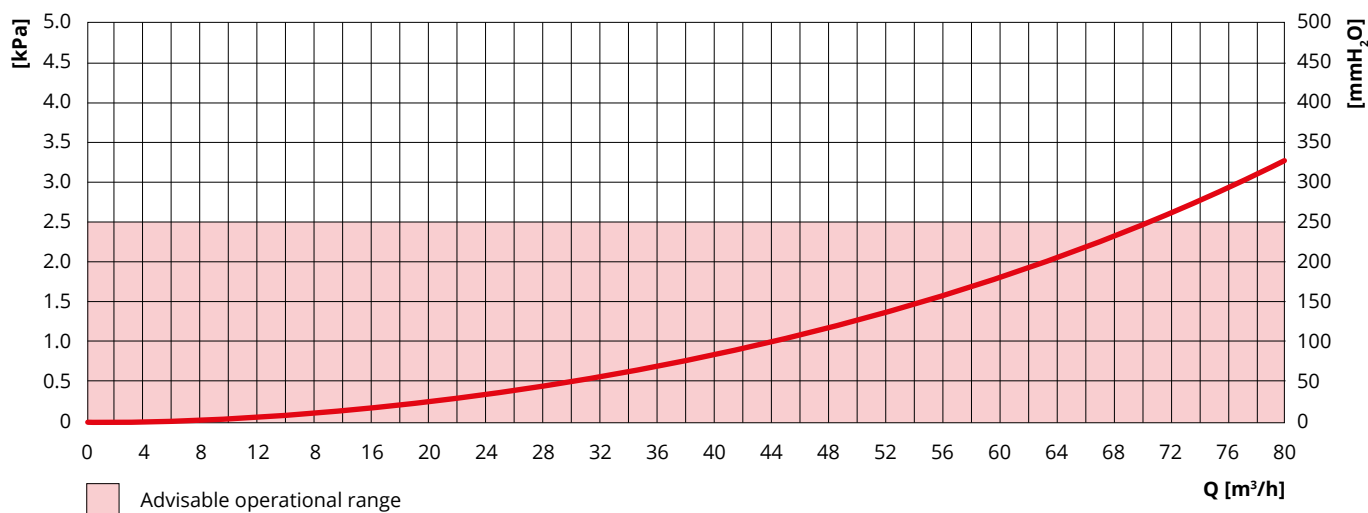
DN65 HS 325 Low Loss Header

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 20 K	1600 kW
Max. flow rate	70 m ³ /h
Max temperature	100°C
Max. pressure	10 bar
Nominal \varnothing of flanges	DN100 PN10 8 holes
Internal speed	0.26 m/s
Speed at the entrance	1.00 m/s
Material of low loss header	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0.034 W/mK
Max. overall dimension (packaging)	L 1360 x W 420 x H 985
Painted with epoxy powder coating	



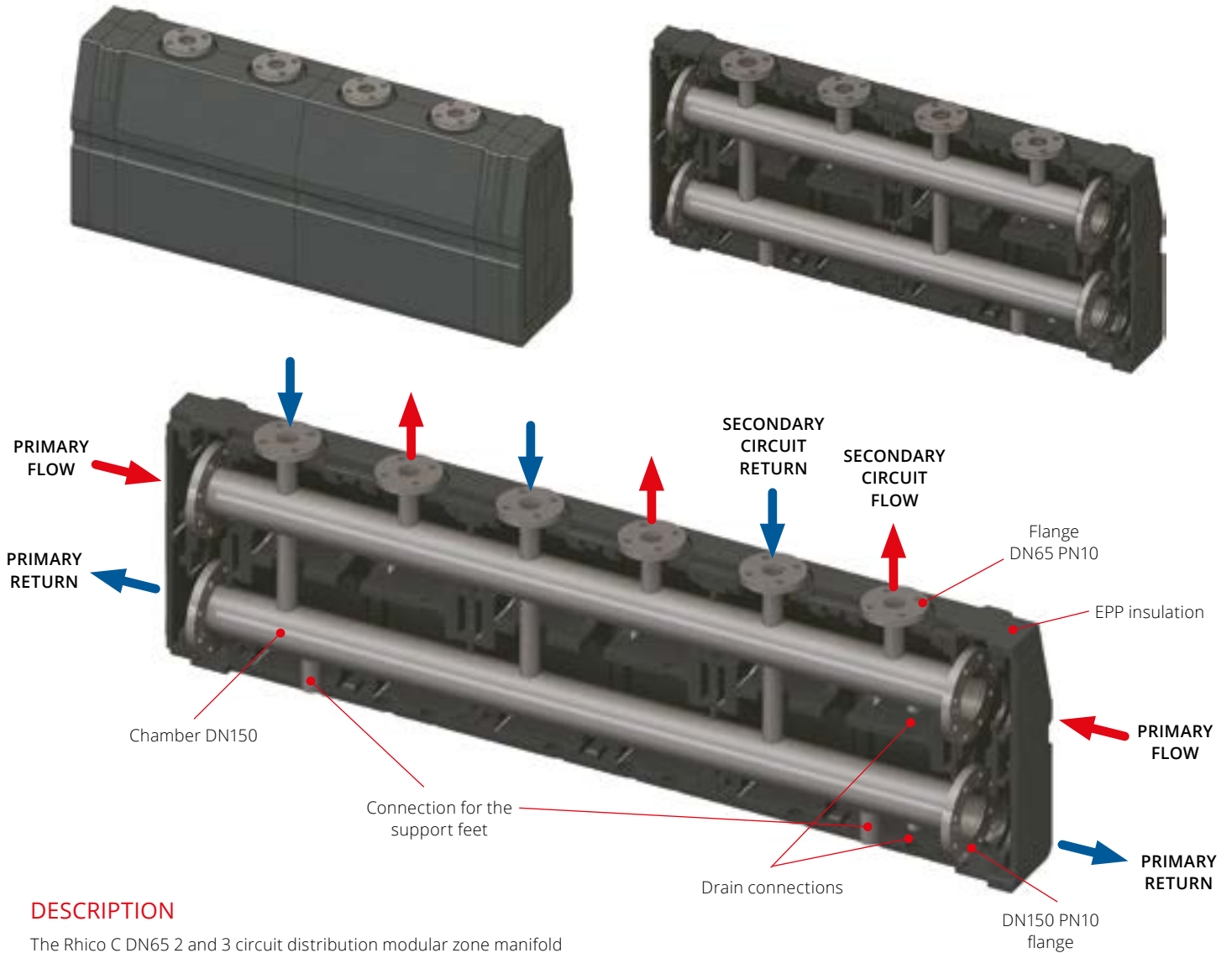
PRESSURE LOSSES



Accessories	Description	Part no.
KIT CONNECTA PHS	Support hydraulic separator HS 325	49018215
KIT CONNECTA F	DN150 PN10 8 holes flat flanges	49156736
KIT CONNECTA VC	DN150 PN10 8 holes flanges connection screws	49156715

For further details and information on accessories, please go to pages 28-30.

DN65 C Zone Manifolds



DESCRIPTION

The Rhico C DN65 2 and 3 circuit distribution modular zone manifold is made with cylindrical flow and return tubes, completely separated and insulated. The main connections to the heat generator and to the secondary circuit are flanged.

Suitable for all applications

'CONNECTA' kit makes it possible to:-

- Install it in small and confined spaces (90° curved connection for the zone manifolds)
- Connect several zone manifolds of different sizes (pump group reduction kit)
- Satisfy any type of heating/cooling demand independently of the zone manifold connection (adapter kit for pump groups up to DN25).

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

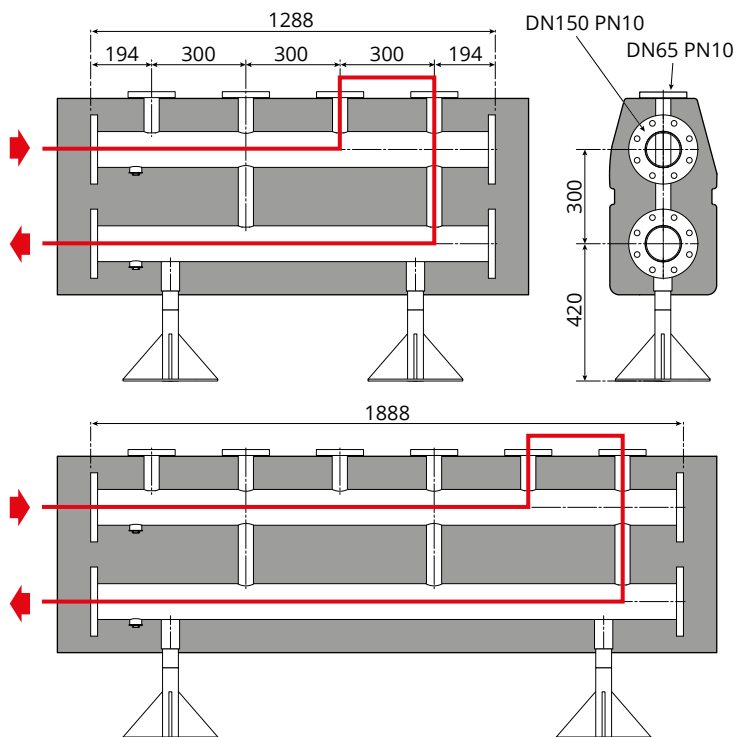
- Separated and fully insulated flow and return
- Tested and ready for the installation
- Access point for draining the system
- Painted with epoxy powder coating
- For heating and cooling
- Max. working pressure 10 bar
- Flange cover included in the insulation

Description	Part no.
C DN65 2F - 2 Zone Manifold - Insulated	49043690
C DN65 3F - 3 Zone Manifold - Insulated	49043691

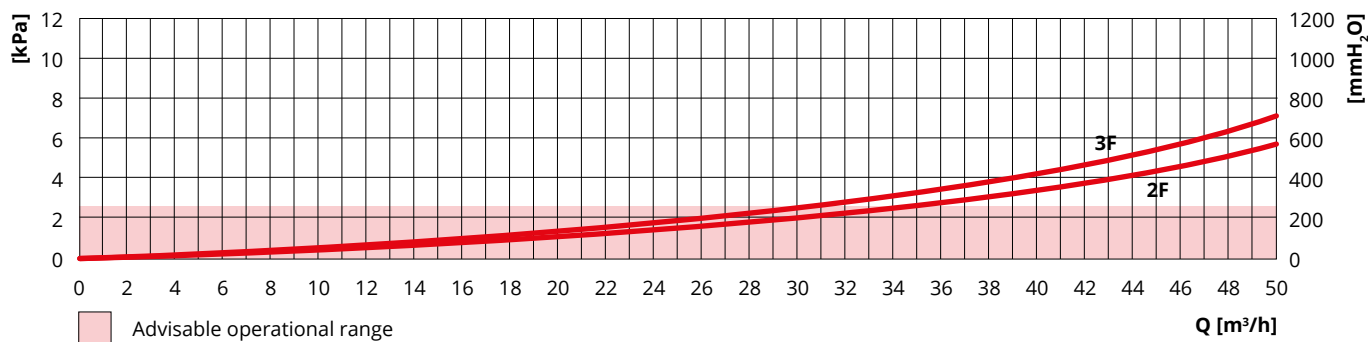
DN65 C Zone Manifolds

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 20 K	1600 kW
Max. flow rate	70 m ³ /h
Max temperature	100°C
Max. pressure	10 bar
Nominal \varnothing of primary circuit flanges	DN100 PN10 8 holes
Nominal \varnothing of secondary circuit flanges	DN50 PN10 4 holes
Internal speed	1.00m/s
Material of zone manifold	Fe EN 10217-1
Material of insulation	EPP 40 g/l sp 30 mm 0.035 W/mK
Max overall dimension (packaging) 2 circuits	L 1360 x W 420 x H 958
Max overall dimension (packaging) 3 circuits	L 1960 x W 406 x H 958
Painted with epoxy powder coating	



PRESSURE LOSSES

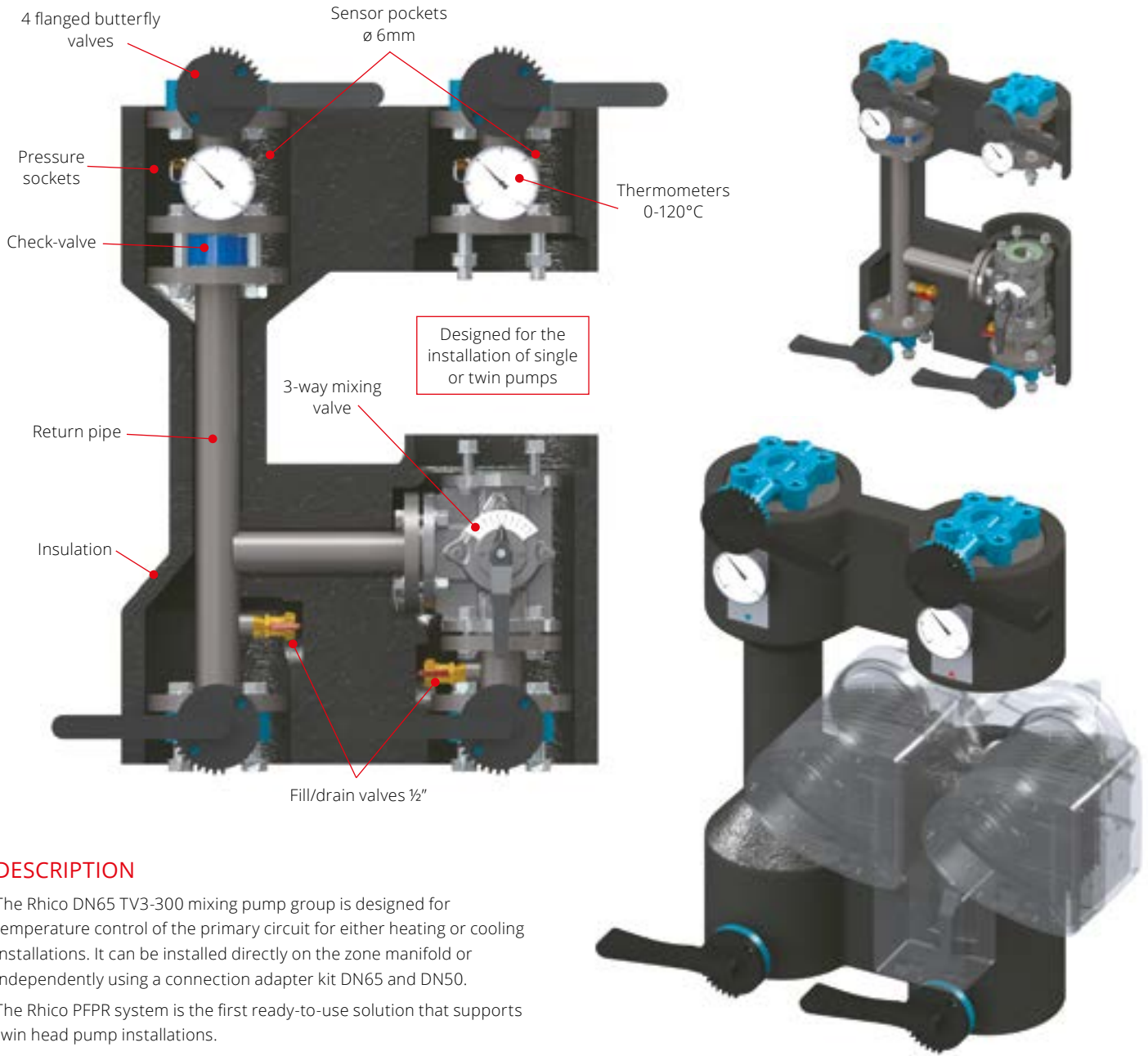


Accessories	Part no.
KIT CONNECTA PC - Support	49018205
KIT CONNECTA FC - DN150 PN10 8 holes blind flanges	49156731
KIT CONNECTA A90 DN150 - On demand	49201190
KIT CONNECTA RC DN150-DN100 - Connection	49201130

Accessories	Part no.
KIT CONNECTA VC - DN150 PN10 8 holes flanges connection screws	49156715
KIT CONNECTA RG DN65 > DN50 - Reducers	49201120
KIT CONNECTA RG DN65 > DN40 - Reducers	49201118
KIT CONNECTA RG DN65 > DN32 - Reducers	49201116
KIT CONNECTA RG DN32 > DN25 - Reducers	49200420

For further details and information on accessories, please go to pages 28-30.

DN65 TV3-300 Mixing Pump Group



DESCRIPTION

The Rhico DN65 TV3-300 mixing pump group is designed for temperature control of the primary circuit for either heating or cooling installations. It can be installed directly on the zone manifold or independently using a connection adapter kit DN65 and DN50.

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

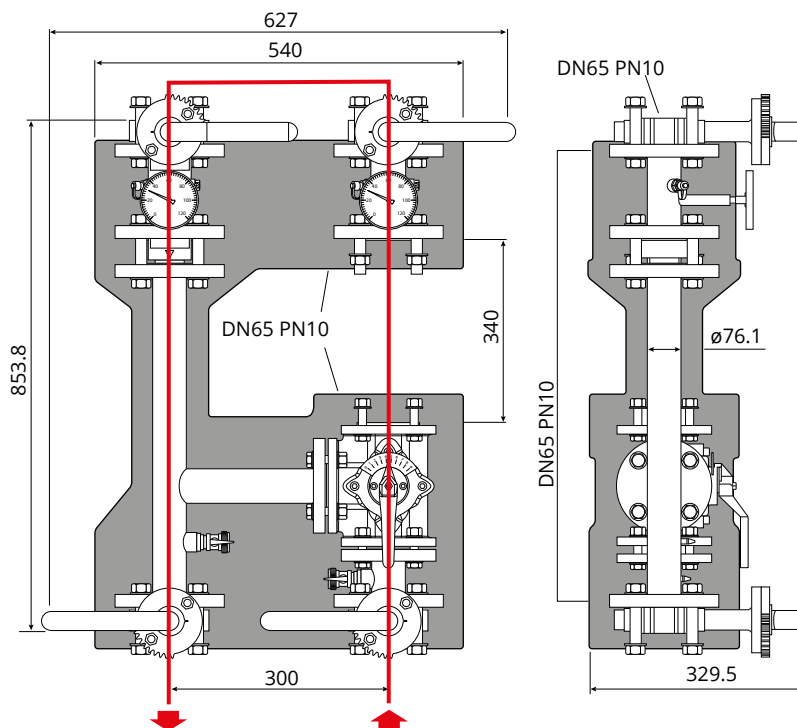
- Plug & Play module
- Possibility of right/left flow reversal installations
- Pump groups - ready for installation of twin pumps
- Easy access to the components
- Ready for the installation of temperature and pressure sensors
- Painted with epoxy powder coating
- Tested, insulated and ready to use

Description	Part no.
TV3-300 DN65 - Mixing pump group - servomotor not included	49043650
Rotary electric actuator 230V 3P	20317350
Rotary electric actuator 24V 0÷10V	20317351

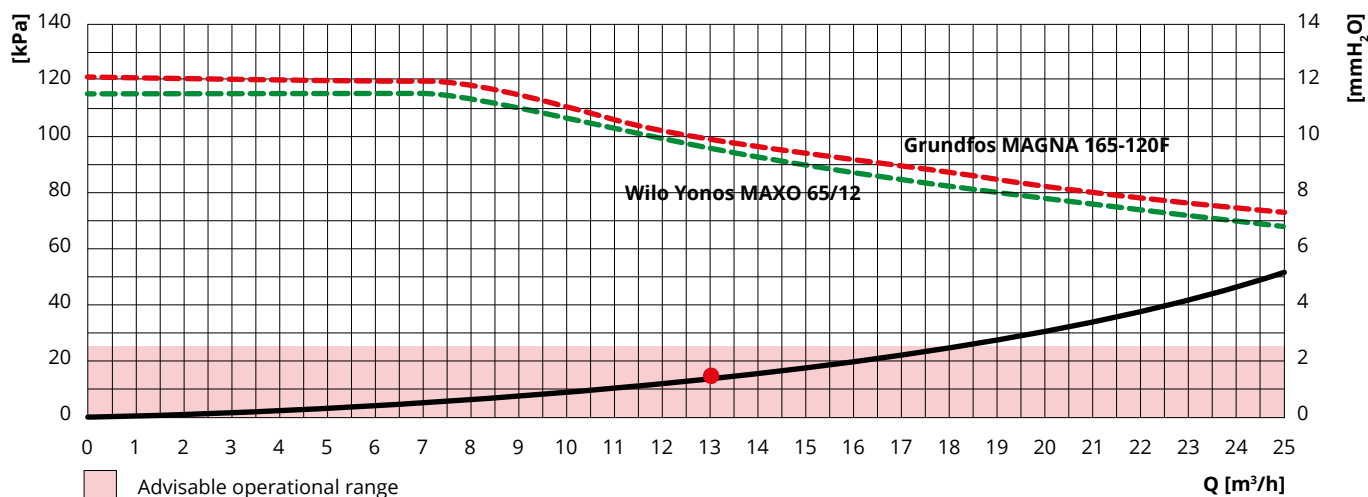
DN65 TV3-300 Mixing Pump Group

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 5 K	78 kW
Output ΔT 20 K	314 kW
Max temperature	100°C
Max. pressure	10 bar
Flow rate (ΔP 15 KPa)	13.5 m ³ /h
Mixing valve Kvs	63
Nominal \varnothing	DN65
Material	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0,034 W/mK
Max overall dimension (packaging)	L 940 x W 660 x H 477
Painted with epoxy powder coating	



PRESSURE LOSSES

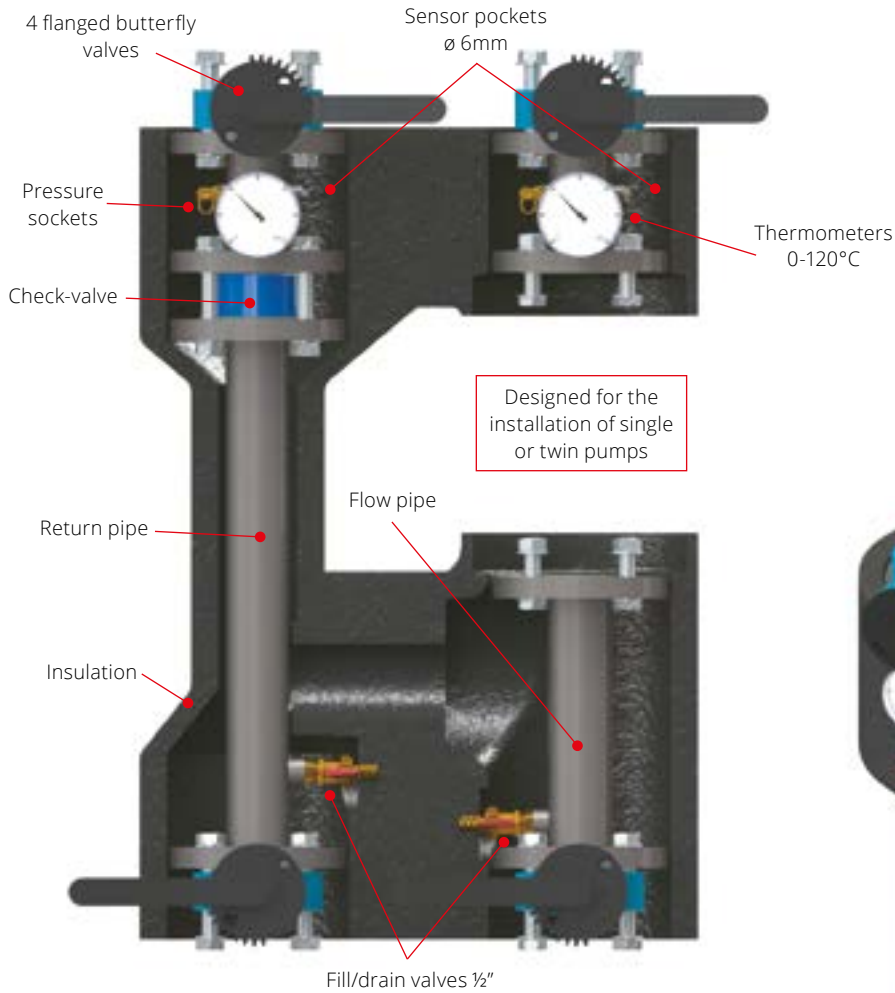


Accessories	Part no.
Grundfos MAGNA1 65-120 F (insulation included)	20313519
Grundfos MAGNA1 D 65-120 F	20313520
Insulation for Grundfos MAGNA1 D 65-120 F	20290265

Accessories	Part no.
Wilo YONOS MAXO 65/12	20313180
Insulation for Wilo MAXO 65/12	20290270
Wilo YONOS MAXO D 65/12	20313179
Insulation for Wilo YONOS MAXO D 65/12	20290262

For further details and information on accessories, please go to pages 28-30.

DN65 S-300 Direct Pump Group



DESCRIPTION

The Rhico DN65 S-300 direct pump group is designed for primary circuit circulation for either heating or cooling installations. It can be installed directly on the zone manifold or independently using a connection adapter kit DN65 and DN50.

The Rhico PFPR system is the first ready-to-use solution that supports twin head pump installations.

FEATURES

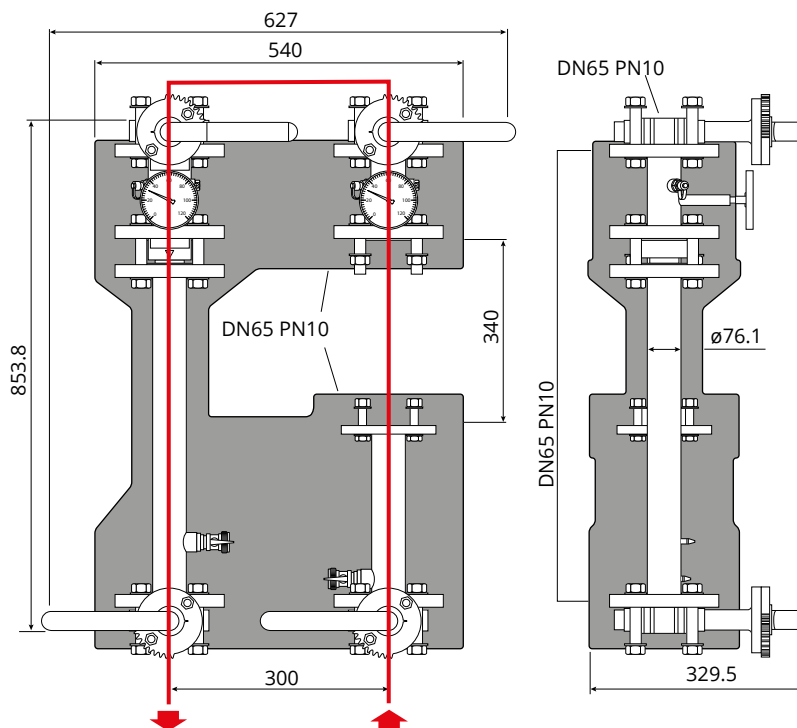
- Plug & Play module
- Possibility of right/left flow reversal installations
- Pump groups - ready for installation of twin pumps
- Easy access to the components
- Ready for the installation of temperature and pressure sensors
- Painted with epoxy powder coating
- Tested, insulated and ready to use

Description	Part no.
S-300 DN65 - Direct Pump Group	49043640

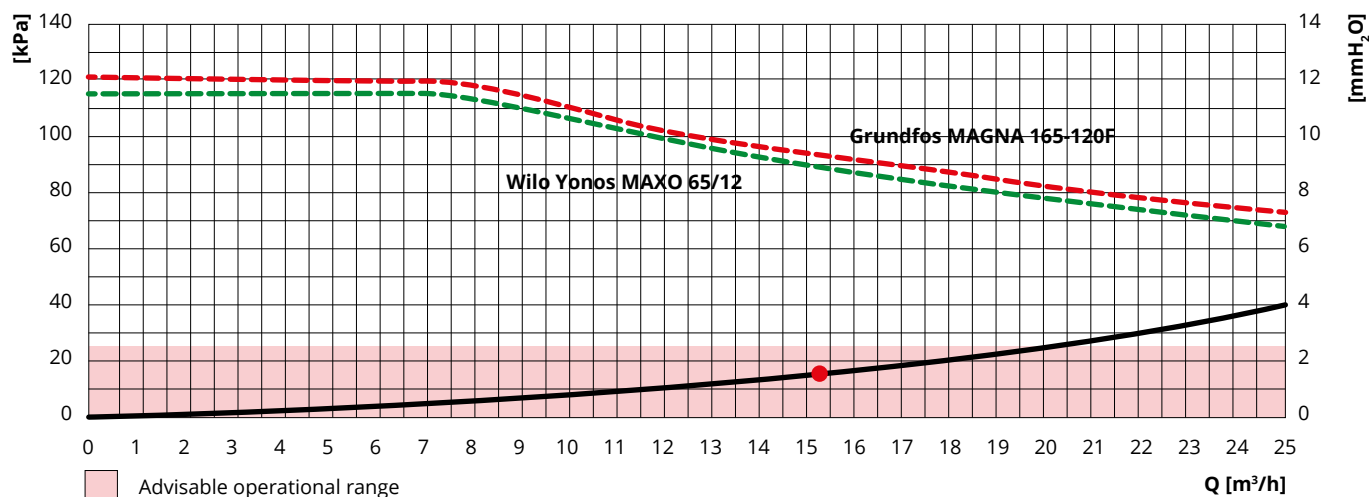
DN65 S-300 Direct Pump Group

DIMENSION AND CONNECTIONS

Technical specifications	
Output ΔT 5 K	89 kW
Output ΔT 20 K	356 kW
Max temperature	100°C
Max. pressure	10 bar
Flow rate (ΔP 15 KPa)	15.3 m ³ /h
Nominal \varnothing	DN65
Material	Fe EN 10217-1
Material of insulation	Trocellen C080 RN2 sp 30 mm 0,034 W/mK
Max overall dimension (packaging)	L 940 x W 660 x H 477
Painted with epoxy powder coating	



PRESSURE LOSSES



Accessories	Part no.
Grundfos MAGNA1 65-120 F (insulation included)	20313519
Grundfos MAGNA1 D 65-120 F	20313520
Insulation for Grundfos MAGNA1 D 65-120 F	20290265

Accessories	Part no.
Wilo YONOS MAXO 65/12	20313180
Insulation for Wilo MAXO 65/12	20290270
Wilo YONOS MAXO D 65/12	20313179
Insulation for Wilo YONOS MAXO D 65/12	20290262

For further details and information on accessories, please go to pages 28-30.

PFPR ACCESSORIES



Description	Part no.
Grundfos MAGNA1 40-120 F (insulation included)	20313516
Grundfos MAGNA1 50-120 F (insulation included)	49156731
Grundfos MAGNA1 65-120 F (insulation included)	20313519



Description	Part no.
Grundfos MAGNA1 D 40-120 F	20313522
Grundfos MAGNA1 D 50-120 F	20313517
Grundfos MAGNA1 D 65-120 F	20313520



Description	Part no.
Wilo YONOS MAXO 40/12	20313176
Insulation for Wilo MAXO 40/12	20290272
Wilo YONOS MAXO 50/12	20313178
Insulation for Wilo MAXO 50/12	20290271
Wilo YONOS MAXO 65/12	20313180
Insulation for Wilo MAXO 65/12	20290270



Description	Part no.
Wilo YONOS MAXO D 40/12	20313205
Insulation for Wilo YONOS MAXO D 40/12	20290264
Wilo YONOS MAXO D 50/12	20313177
Insulation for Wilo YONOS MAXO D 50/12	20290263
Wilo YONOS MAXO D 65/12	20313179
Insulation for Wilo YONOS MAXO D 65/12	20290262

PFPR ACCESSORIES



Description	Part no.
Insulation for Grundfos MAGNA1 D 40-120 F	20290267
Insulation for Grundfos MAGNA1 D 50-120 F	20290266
Insulation for Grundfos MAGNA1 D 65-120 F	20290265



Description	Part no.
KIT CONNECTA RG DN40 > DN32 - Reducers	49201110
KIT CONNECTA RG DN50 > DN32 - Reducers	49201112
KIT CONNECTA RG DN65 > DN32 - Reducers	49201116



Description	Part no.
KIT CONNECTA RG DN32 > DN25 - Reducers	49200420
KIT CONNECTA FC - DN150 PN10 8 holes blind flanges	49156731



Description	Part no.
KIT CONNECTA RC DN150-DN100 - Connection	49201130



Description	Part no.
KIT CONNECTA RG DN50 > DN40 - Reducers	49201114
KIT CONNECTA RG DN65 > DN50 - Reducers	49201120
KIT CONNECTA RG DN65 > DN40 - Reducers	49201118




Description	Part no.
Rotary electric actuator 230V 3P	20317350
Rotary electric actuator 24V 0÷10V	20317351

PFPR ACCESSORIES




Description	Part no.
KIT CONNECTA PHS - Support hydraulic separator HS 220 / HS 325	49018215




Description	Part no.
KIT CONNECTA PC - Support	49018205



Description	Part no.
KIT CONNECTA F - DN100 PN10 8 holes flat flanges	49156735
KIT CONNECTA F - DN150 PN10 8 holes flat flanges	49156736



Description	Part no.
KIT CONNECTA FC - DN100 PN10 8 holes blind flanges	49156730
KIT CONNECTA FC - DN150 PN10 8 holes blind flanges	49156731



Description	Part no.
KIT CONNECTA VC - DN100 PN10 8 holes flanges connection screws	49156710
KIT CONNECTA VC - DN150 PN10 8 holes flanges connection screws	49156715



Description	Part no.
KIT CONNECTA A90 DN100 - On demand	49201180
KIT CONNECTA A90 DN150 - On demand	49201190

Notes

Lined area for notes with horizontal dotted lines.



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