

Hydraulic module and Manifolds



HYDRAULIC MODULE

Direct pump unit DN25 & mixed pump unit DN25



Exemple de module fermé



Code: 2035-8027

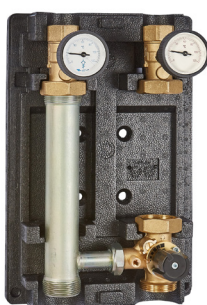


Code: 2035-8025

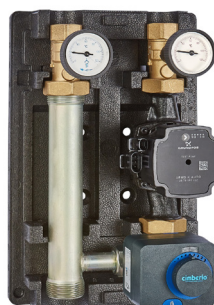
Direct pump unit DN25 - Article [Cim 2035](#)



Code: 2036-8027



Code: 2036-8025



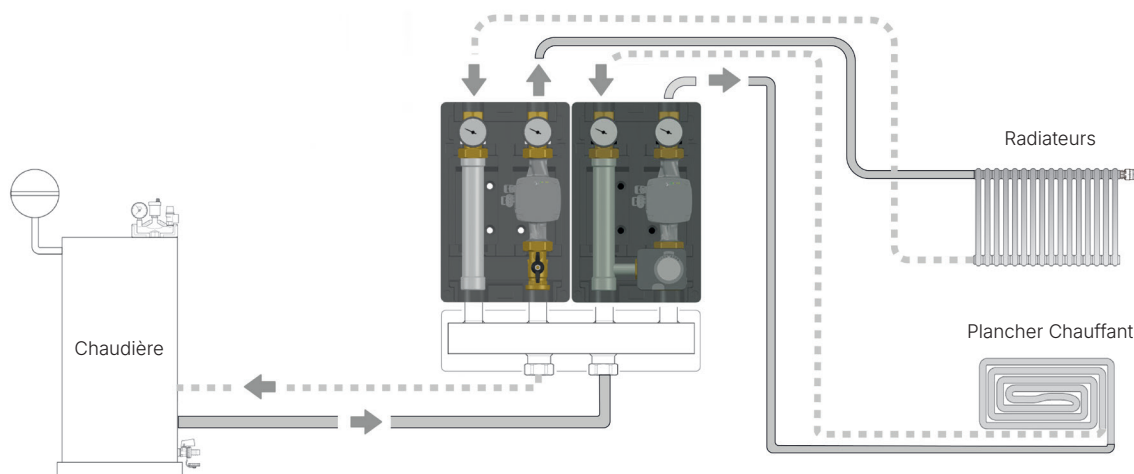
Code: 2036-8029



Code: 2036-8028

Mixed pump unit DN25 - Article [Cim 2036](#)

Example of installed modules



Main features

Building in compliance with the management requirements of the EN ISO 9001 standard. 100% tested according to the EN 12266-1 standard. Pre-assembled module for easy and quick hydraulic connections, ensuring maximum flexibility for the installation of heat generators and heat pumps. Ability to create direct circuits for both heating and cooling. Available with or without a circulator. Valve body made of brass alloy compliant with the EN 12165-CW617N standard, piping in Fe 360 steel, insulation in PPE..

Maximum operating pressure: 10 bars

Maximum operating temperature: 100 °C

Maximum thermal power direct pump unit: 50 kW - $\Delta T=20$ K

Maximum thermal power mixed pump unit: 35 kW - $\Delta T=15$ K

• CHECK VALVE

It is integrated into the ball shut-off valve equipped with the blue thermometer, on the return of the circuit. The valve can be deactivated by turning the handle 45° clockwise.

• REVERSIBILITY FROM RIGHT TO LEFT

The entire range of CIM 2036 hydraulic modules is reversible. The supply can be mounted on either the right or the left side of the boiler or heat pump, allowing for the best suited connection.

• BY-PASS INTEGRATED IN MIXING VALVE

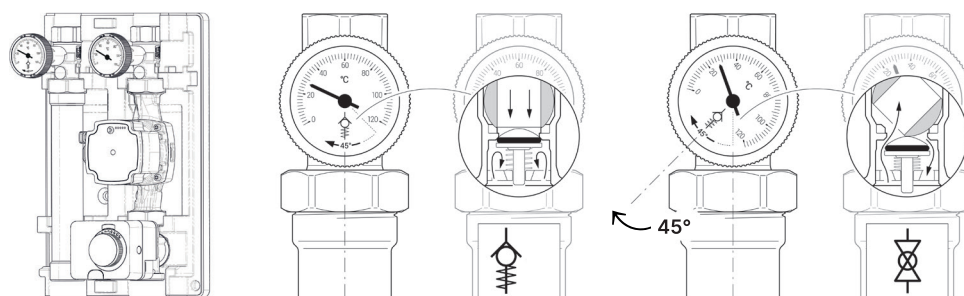
The CIM 2036 mixed hydraulic module is equipped with an integrated bypass in the body of the mixing valve. It is accessible through an adjustable screw with multiple positions between fully open and fully closed.

Using the bypass allows the recirculation of a portion of the cold return fluid from the hydraulic circuit to the secondary circuit. It helps to prevent potential high-temperature issues in radiant heating-cooling systems.

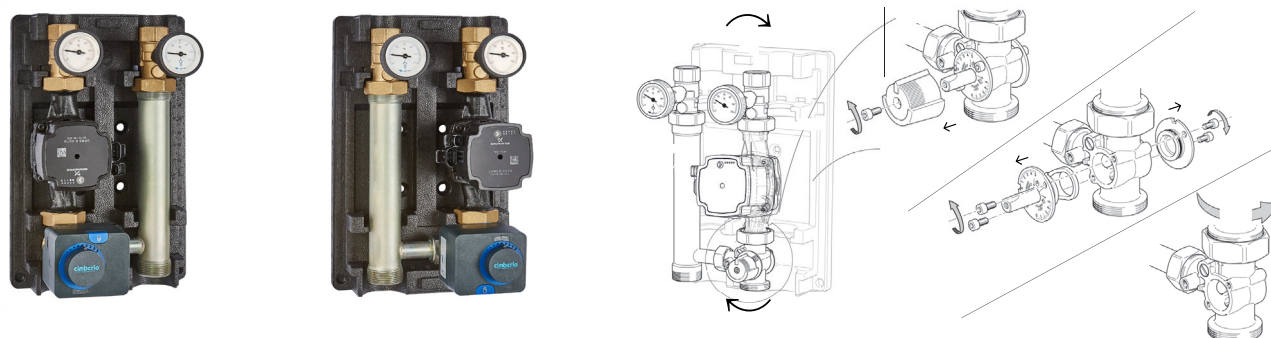
Check valve

Integrated check valve

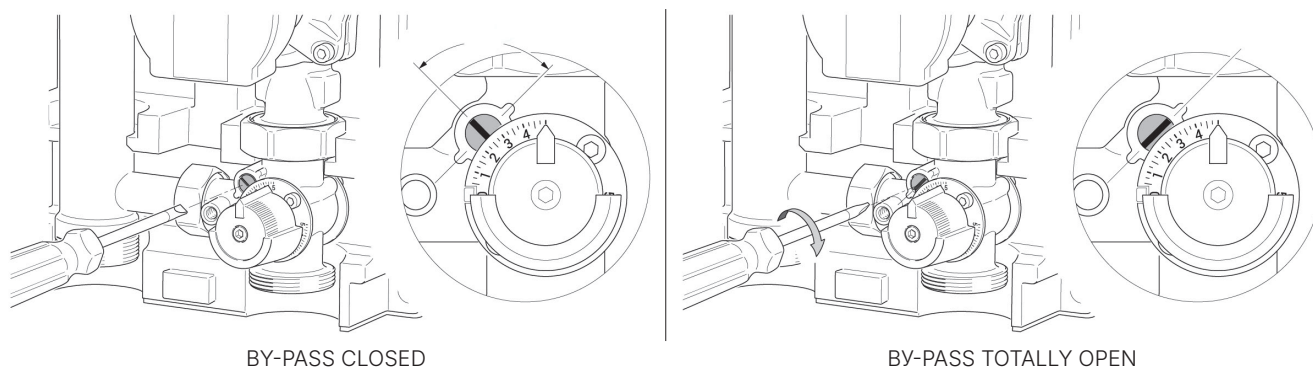
Only on the return way, the ball valve with blue thermometer



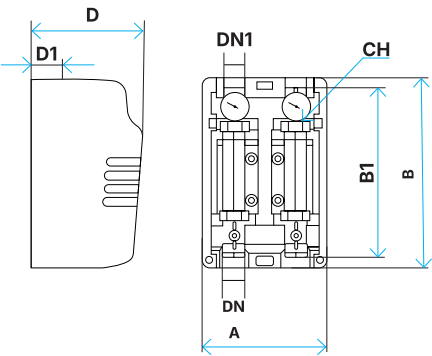
Reversibility from right to left



By-pass integrated in mixing valve



Dimensions - Technical Specifications



Technical drawing and table

DN	1"	1"	1"	1"	1"	1"
DN1	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Cod.	2035-8025	2035-8027	2036-8025	2036-8027	2036-8028	2036-8029
Grms.	2920	4000	3290	5000	3500	4000
A	249	249	249	249	249	249
B	385	385	385	385	385	385
B1	354	354	354	354	354	354
D	240	240	240	240	240	240
D1	65	65	65	65	65	65
CH	52	52	52	52	52	52

Technical specifications

Cod.	2035-8025	2035-8027	2036-8025	2035-8027	2036-8028	2035-8029
P	-	Grundfos UPM3 K AUTO 25-70	-	Grundfos UPM3 K AUTO 25-70	-	Grundfos UPM3 K AUTO 25-70
KVs	8	8	7	7	7	7
H max	-	70 kPa	-	70 kPa	-	70 kPa
Att.	-	-	-	-	3P 230V	3P 230V

SERVO-MOTEUR

Servo-moteur - Article: Cim EMV530

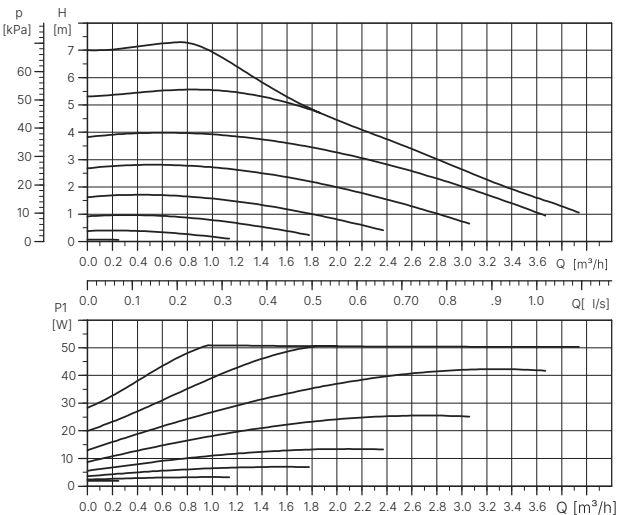


Code: EMV530-0000

Servo-motor for 3-point check valve
Bidirectional, 90°, 120 seconds, rotation torque 5 Nm
230Vac 50Hz, 3W, IP 42

GRUNDFOS UPM3 (K) AUTO 25-70 180

Circulator pump



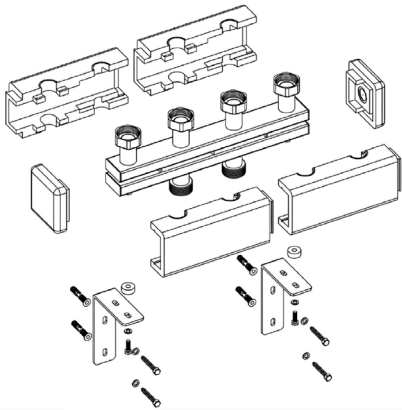
*Not sold separately

MANIFOLD

Manifold - from 2 to 5 pump units - Article : Cim 2060

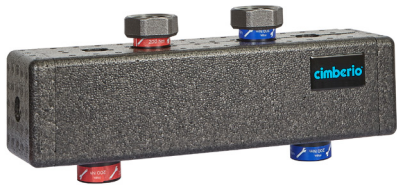


Code: [2060-2502](#)

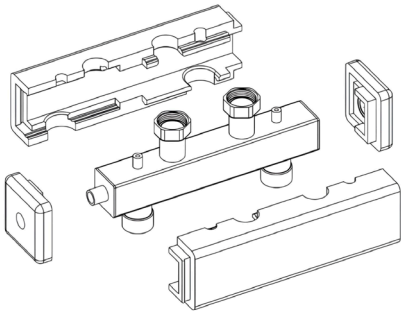


Item description Cim 2060	Code
Hydraulic pump group 2	2060-2502
Hydraulic pump group 3	2060-2503
Hydraulic pump group 4	2060-2504
Hydraulic pump group 5	2060-2505

Hydraulic separator - Article : Cim 2061

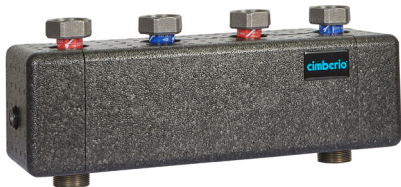


Code: [2061-0000](#)

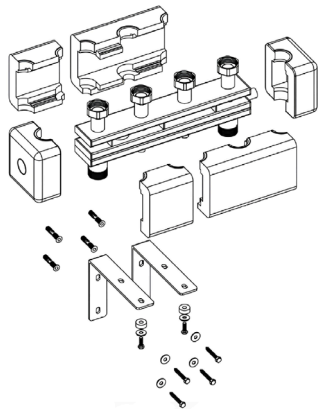


Item description Cim 2061	Code
Hydraulic separator	2061-0000

Combi manifold - from 2 to 3 pump units - Article : Cim 2070



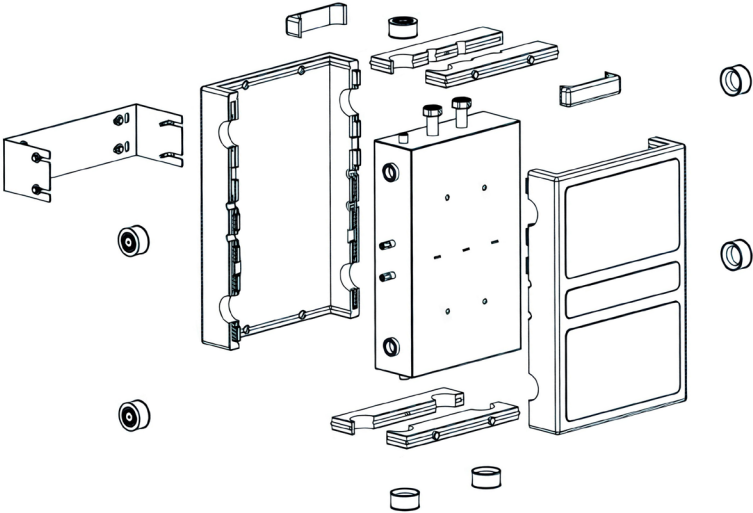
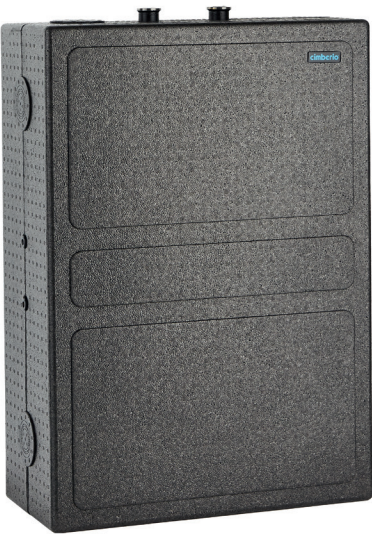
Code: [2070-2502](#)



Item description Cim 2070	Code
Hydraulic pump groups 2	2070-2502
Hydraulic pump groups 3	2070-2503

BUFFER TANK 50LT - PUMP UNIT DN25

Article: Cim 2080



Code: [2080-2550](#)

Item description Cim 2080	Code
Buffer Tank 50 litres	2080-2550

Example kit buffer tank 50 litres + hydraulic modules



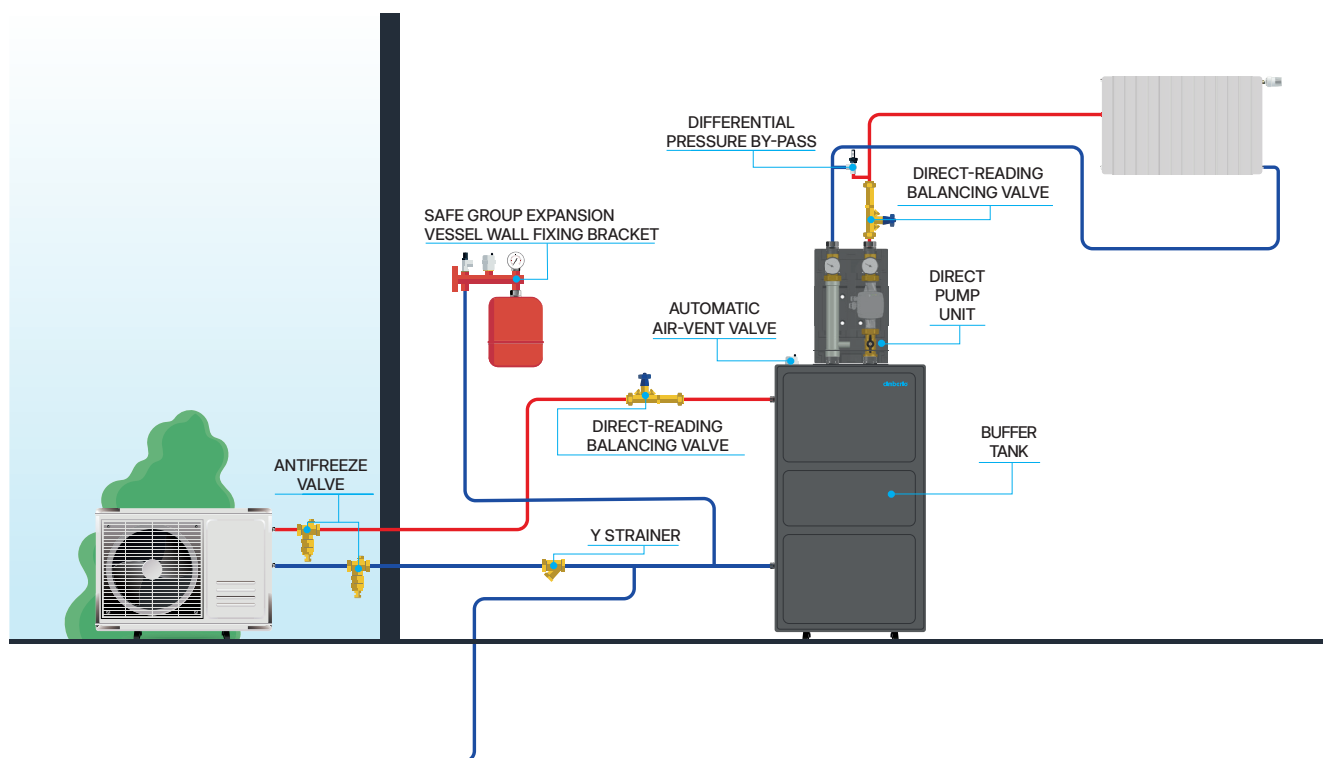
Item description	Code
Direct pump unit with pump	2035-8027
Buffer Tank 50 litres	2080-2550



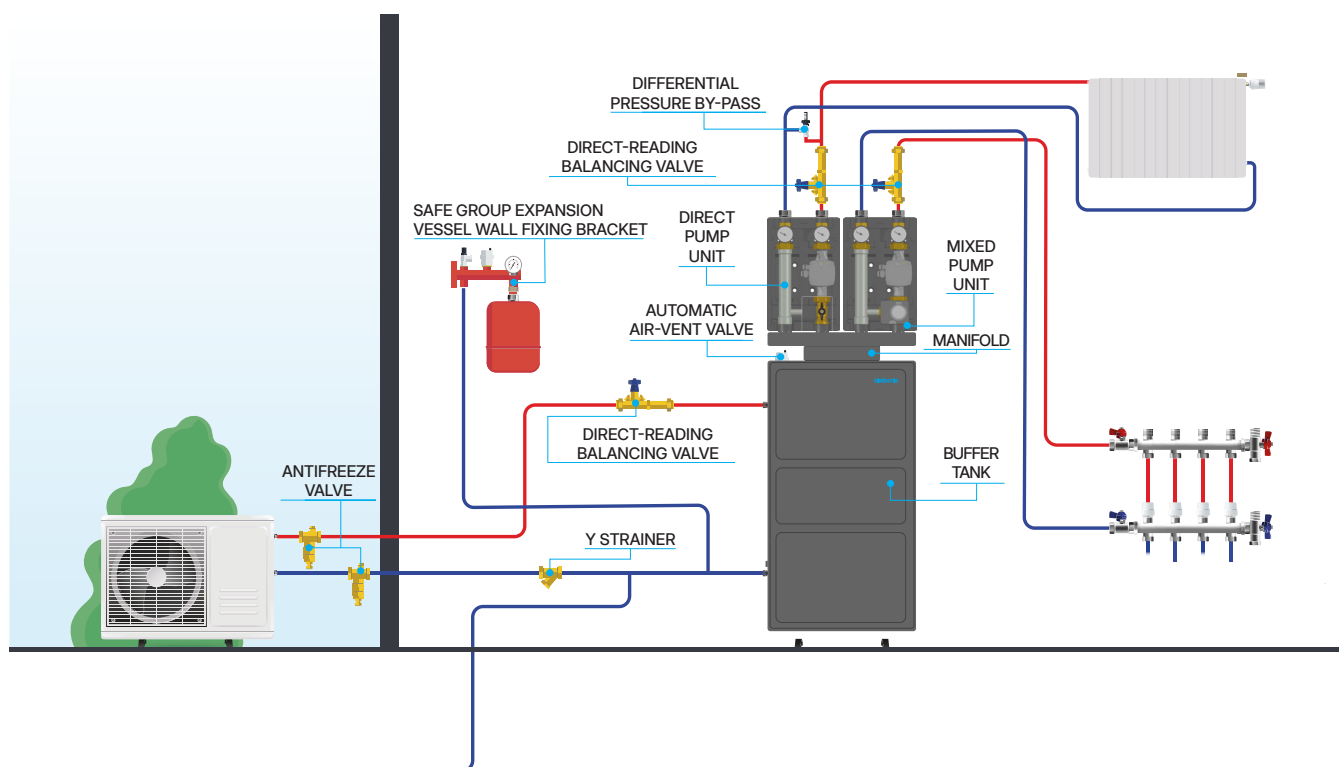
Item description	Code
Direct pump unit with pump	2035-8027
Mixed pump with pump, with servomotor	2036-8029
Hydraulic pump group 2	2060-2502
Buffer Tank 50 litres	2080-2550

EXAMPLE OF A DOMESTIC INSTALLATION WITH P.A.C.

Example kit buffer tank + direct pump unit



Example kit buffer tank + direct pump unit and mixed pump unit



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