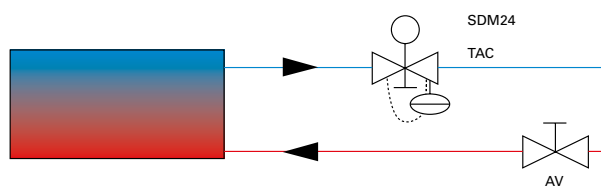
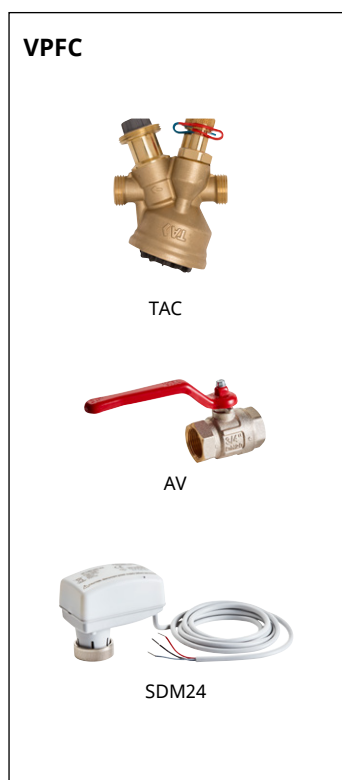


## VPFC, pressure independent and modulating valve system

Two way pressure independent control and adjustment valve with modulating actuator and shut-off valve. DN15/20/25/32. 24V. Used with FC control system or supplemented with suitable thermostat.



The valve system VPFC consists of the following:

- TAC, pressure independent regulation and adjustment valve
- AV, shut off valve
- SDM24, modulating actuator 24V

### TAC, regulation and adjustment valve

The regulation and adjustment valve can be used to finely adjust or shut off the water flow manually. TAC is independent of the available differential pressure, which contributes to stable and accurate regulation (ensures the correct flow to the heater even if the differential pressure in the rest of the pipe system changes). The water flow is set with the grey button on the valve.

### AV, shut off valve

The shut off valve consists of a ball valve which is either open or closed and is used to shut off the flow, when servicing for example.

### SDM24, actuator

The actuator (SDM24) is modulating and gives the right temperature. FC control system is set to always allow through a small leak flow in order to provide a fast heat supply ex. when a door is opened and for some frost protection.

Design and specifications are subject to change without notice.

#### Get In Touch

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Email: [info@adremit.co.uk](mailto:info@adremit.co.uk)

#### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,  
Settle, North Yorkshire, BD24 9RH

# VPFC

## VPFC, complete valve system

Item number	Type	Description	Dimension valve body	Flow range l/s [l/s]
238293	VPFC15LF	TAC15LF + AV15 + SDM24	DN15	0,012 - 0,068
238294	VPFC15NF	TAC15NF + AV15 + SDM24	DN15	0,024 - 0,131
238295	VPFC20	TAC20 + AV20 + SDM24	DN20	0,058 - 0,319
238296	VPFC25	TAC25 + AV25 + SDM24	DN25	0,103 - 0,597
238297	VPFC32	TAC32 + AV32 + SDM24	DN32	0,222 - 1,028

Type	Water flow	Dimension valve body	Connection dimensions, outside thread
TAC15LF	Low flow	DN15	G20 3/4"
TAC15NF		DN15	G20 3/4"
TAC20		DN20	G25 1"
TAC25		DN25	G32 1 1/4"
TAC32		DN32	G40 1 1/2"

Type	Dimension valve body	Connection dimensions, inside thread
AV15	DN15	G15 1/2"
AV20	DN20	G20 3/4"
AV25	DN25	G25 1"
AV32	DN32	G32 1 1/4"

## Accessories

### UNSG-R, UNSG, ANS, connection kits for valve system

UNSG-R: union set with swiveling nut and female thread.

UNSG: union set with swiveling nut and press end.

ANS: adapter nippel set with male thread and press end.



Item number	Type	Description	Consists of
333340	UNSG20R15	Union set G20 x R15	2
333341	UNSG25R20	Union set G25 x R20	2
333342	UNSG32R25	Union set G32 x R25	2
333343	UNSG40R32	Union set G40 x R32	2
333344	UNSG2015	Union set G20 x 15mm	2
333345	UNSG2518	Union set G25 x 18mm	2
333346	UNSG2522	Union set G25 x 22mm	2
333347	UNSG3228	Union set G32 x 28mm	2
333348	UNSG4035	Union set G40 x 35mm	2
333349	ANS1515	Adapter nippel set R15	2
333350	ANS2018	Adapter nippel set R20	2
333351	ANS2022	Adapter nippel set R20	2
333352	ANS2528	Adapter nippel set R25	2
333353	ANS3235	Adapter nippel set R32	2

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