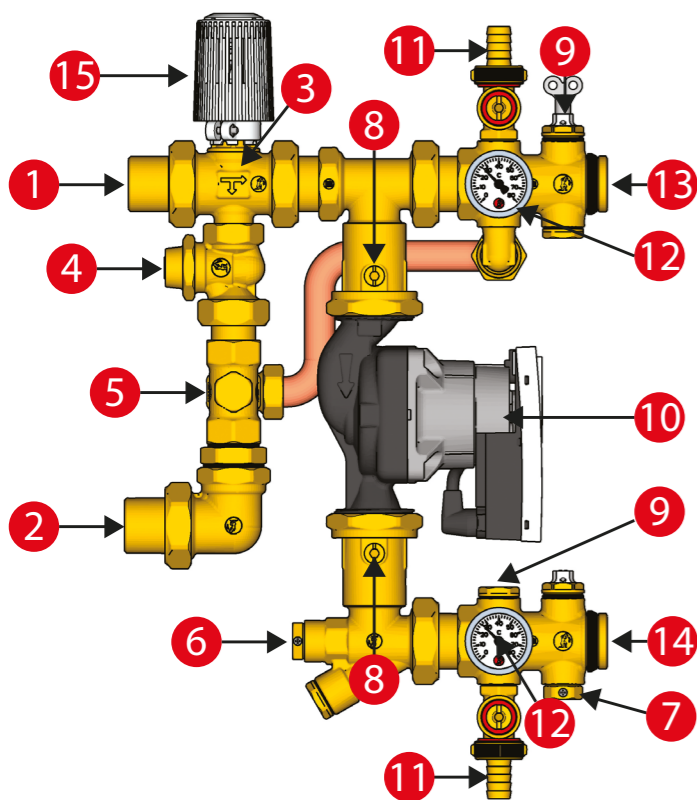


R557RY042- Components and regulation



Regolation

Thermostatic 3 way valve **3**

Head position	fully closed	1	2	3	4	5	fully open
T [°C]	20	25	34	45	56	67	70

Primary lockshield valve **4**

HALF TURN OPENING
(recommended calibration)

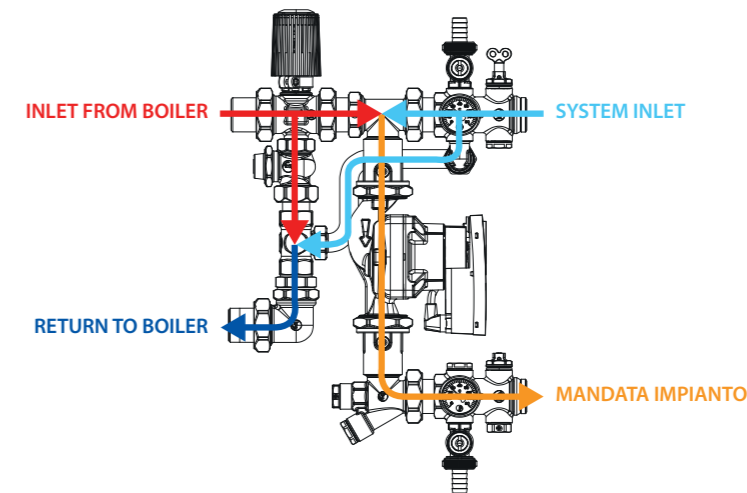
Secondary lockshield valve **5**

FULLY OPEN
(recommended calibration)

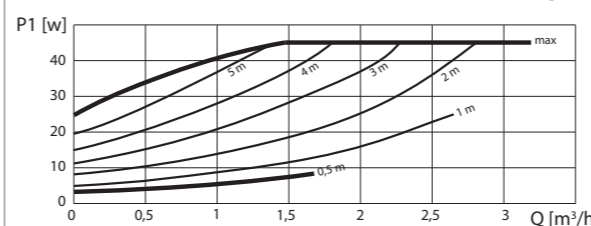
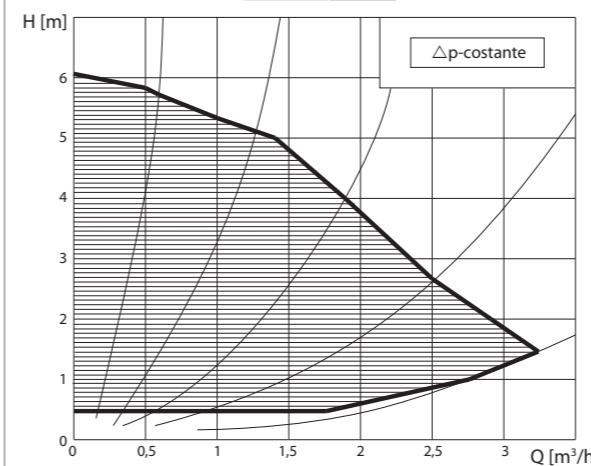
LEGEND

1	Inlet from boiler	9	Manual air vents
2	Return to boiler	10	Circulator
3	3-way thermostatic valve	11	Charge and discharge cocks
4	Primary lockshield valve	12	Housing of the immersion thermometers
5	Secondary lockshield valve	13	System return
6	Thermostatic sensor housing	14	System delivery
7	Safety thermostat housing	15	R462L thermostatic head
8	Circulator shut-off valve		




R557RY042- flow scheme




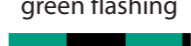
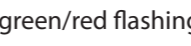
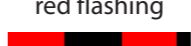
Electronically controlled high-efficiency pump 25/6 (230 V)



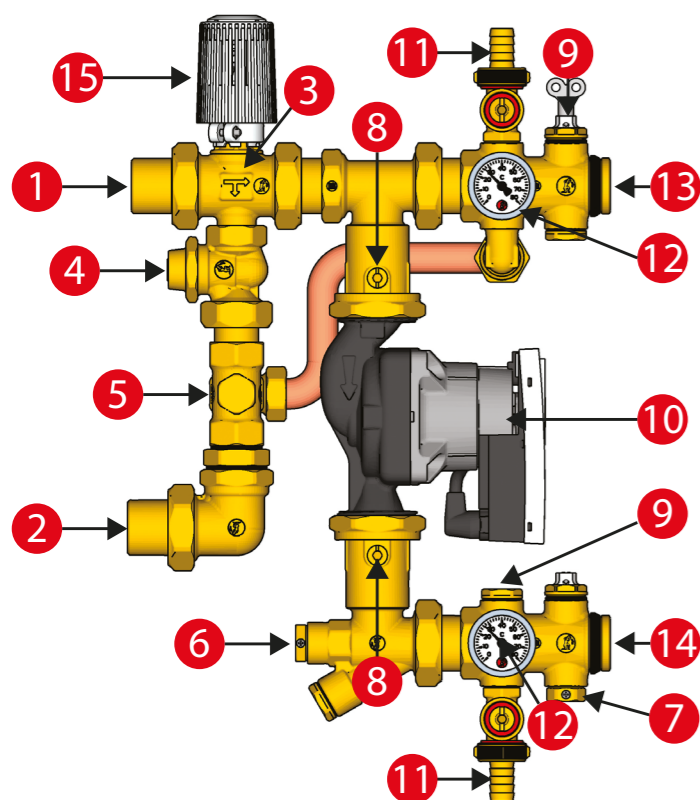
Pump operating

	Automatic constant pressure difference (racomended).
	Automatic variable pressure difference.
	Automatic air vent routine (10 min duration): the pump runs alternatively with high and low speeds to help air bubbles to agglomerate and to go to air vent of the installation.

LED - errors

	Normal running.
	Automatic air vent routine.
	Abnormal situation (pump functional but stopped): 1) Undervoltage or overvoltage 2) Wrong temperature (fluid or room temperature)
	Pump stopped (permanent error: the pump need a manual reset). It can be necessary to change the pump.
NO LED	No power supply: 1) Pump is not connected to power supply: check cable connection. 2) LED is damaged: check if pump is running. 3) Electronics are damaged: change pump.

R557RY042- Componenti e regolazione



Regolazione

Valvola a 3 vie termostatica 3

Posizione testa	T.C.	1	2	3	4	5	T.A.	
T [°C]		20	25	34	45	56	67	70

Detentore primario 4

APERTURA MEZZO GIRO
(taratura consigliata)

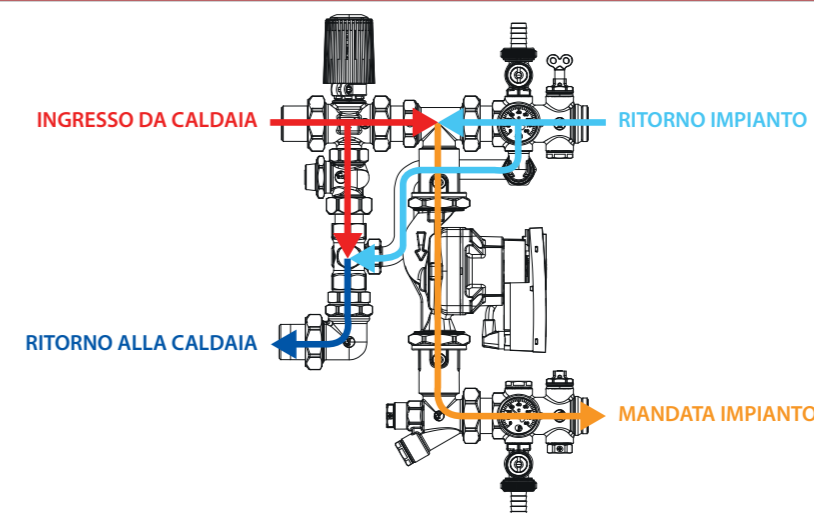
Detentore secondario 5

TUTTO APERTO
(taratura consigliata)

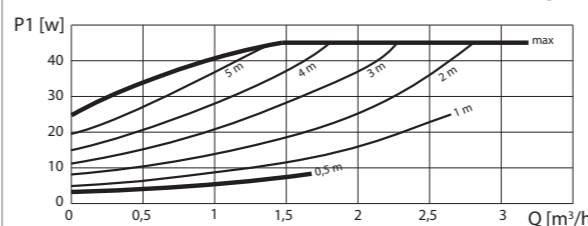
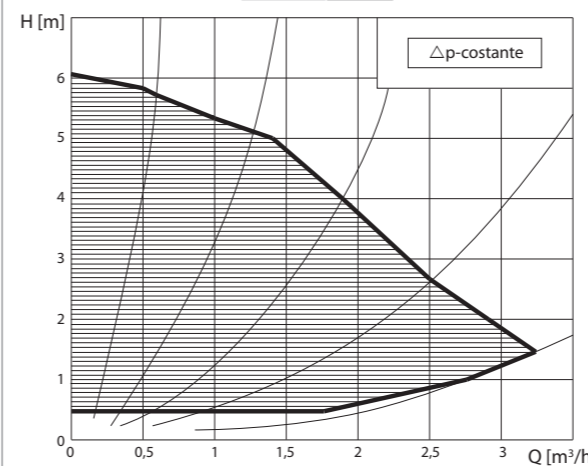
LEGENDA

1	Ingresso da caldaia	9	Sfoghi aria manuali
2	Ritorno alla caldaia	10	Circolatore
3	Valvola a 3 vie termostatica	11	Rubinetti di carico e scarico
4	Detentore primario	12	Alloggiamento termometri a immersione
5	Detentore secondario	13	Ritorno impianto
6	Alloggiamento sonda termostatica	14	Mandata impianto
7	Pozzetto termostato di sicurezza	15	Testa termostatica R462L
8	Valvole intercettazione circolatore		

R557RY042- Sensi di flusso



Circolatore automodulante
25/6 (230 V ac)



Modalità di funzionamento circolatore

	Funzionamento automatico a pressione costante (consigliato).
	Funzionamento automatico a pressione variabile.
	Funzionamento automatico per eliminazione aria (durata 10 minuti): il circolatore aumenta e diminuisce la velocità, per aggregare le bolle d'aria e favorirne l'eliminazione tramite la valvola di sfogo d'aria (non compresa con il circolatore).

LED - errori

	verde continuo Funzionamento normale.
	verde lampeggiante Funzionamento automatico per eliminazione aria.
	verde/rosso lampeggiante Situazione anomala temporanea: 1) Voltaggio non corretto. 2) Temperatura del fluido o ambiente non corretta.
	rosso lampeggiante Circolatore fermo (errore permanente: il circolatore richiede un reset manuale). Può essere necessaria la sostituzione del circolatore.
	NO LED Mancanza di alimentazione elettrica: 1) circolatore non alimentato: verificare connessione cavo. 2) LED danneggiato: verificare se il circolatore sta funzionando. 3) elettronica danneggiata: cambiare circolatore.