

R555 THREADED



R555 FLANGED

Description

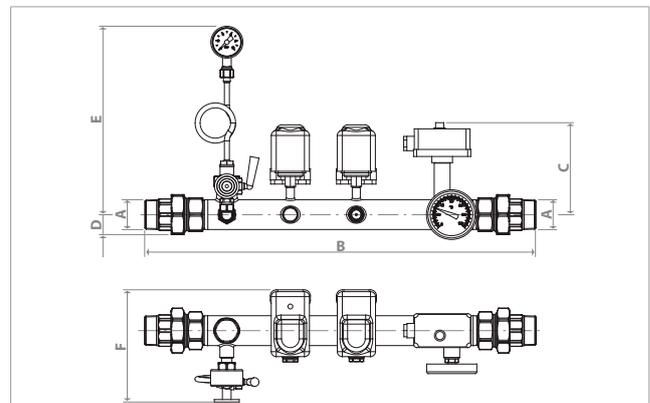
Instruments manifold for grouping together the various INAIL (I.S.P.E.S.L.) components envisaged by the "R" collection for boiler room safety, protection and checks. The manifold is compact, and can be easily and quickly installed. The instruments and fittings on the manifold are as follows:

- safety pressure switch with manual reset K374Y001
 - minimum pressure switch with manual reset K374Y002
 - safety thermostat with manual reset K373Y023
 - pressure gauge R225I with damper coil R228A and pressure gauge holder cock R228I
 - thermometer R540I
 - housing R227
 - a connection for the fuel shut-off valve probe N143
 - one or two connections for the safety valve R140D (depending on versions)
- The R140D safety valves and relative funnels must be ordered separately. The end parts of the threaded versions are fitted with 3-piece couplings (code R18).

On flanged versions, the flanges comply with UNI EN 1092-1 PN16.

Dimensions

Threaded versions

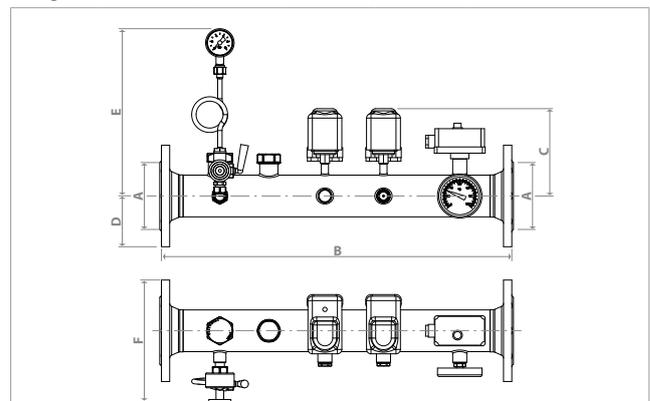


Code	Connect. "A"	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
R555Y016	1 1/4"M	566	151	52	305	178
R555Y017	1 1/2"M	628	149	52	305	181
R555Y018	2"M	647	152	52	305	187

Versions and product codes

Product code	System connections		Safety valves connections		Weight [kg]
	Type	Dimensions	N°	Dimensions	
R555Y016	Threaded	1 1/4"M	1	3/4"	4,3
R555Y017		1 1/2"M	1	1"	5,3
R555Y018		2"M	1	1"	6,5
R555Y105	Flanged	DN50	1	1"	8,3
R555Y106		DN65	2	1 1/4" e 1"	10,4
R555Y108		DN80	2	1 1/4"	12,9
R555Y110		DN100	2	1 1/4"	16,1
R555Y112		DN125	2	1 1/4"	20,6
R555Y115	DN150	2	1 1/4"	24,3	

Flanged versions

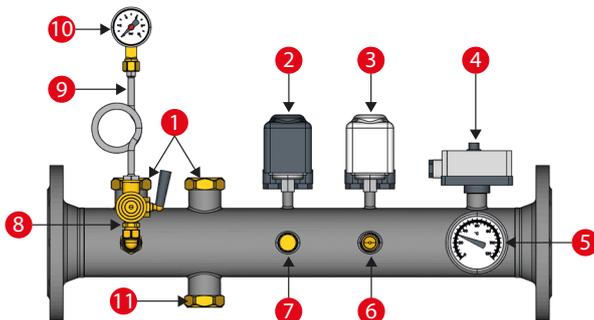


Code	Connect. "A"	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
R555Y105	DN50	520	152	83	305	204
R555Y106	DN65	640	160	93	305	222
R555Y108	DN80	650	166	100	305	236
R555Y110	DN100	650	179	110	305	259
R555Y112	DN125	650	191	125	305	286
R555Y115	DN150	650	205	143	305	318

Technical data

- Fluid temperature range: 4+110 °C
- Max. working pressure: 5 bar

Components



Legend

1	<p>Fitting for R140D safety valve connections INAIL compliant</p> <ul style="list-style-type: none"> • Nominal pressure: 10 bar • Temperature range: 5÷110 °C • Open overpressure: 10% • Closure range: 20% 	6	<p>Thermometer housing - R227 INAIL compliant</p> <ul style="list-style-type: none"> • Connection: 1/2" M • Length: 45 mm
2	<p>Minimum pressure switch with manual reset K374Y002 INAIL compliant</p> <ul style="list-style-type: none"> • Regulation range: 0,5÷1,7 bar • Max. working pressure: 5 bar • Differential for reset: 0,4 bar • Factory set: 0,9 bar • Tolerance: ± 0,1 bar • Fluid temperature range: 4÷110 °C • Connection: 1/4" F (ISO 228) 	7	<p>Fitting for R143 fuel shut-off valve probe connection INAIL compliant</p> <ul style="list-style-type: none"> • Connection: 1/2"
3	<p>Safety pressure switch with manual reset K374Y001 INAIL compliant</p> <ul style="list-style-type: none"> • Regulation range: 1÷5 bar • Max. pressure: 5 bar • Differential for reset: 0,4 bar • Factory set: 3 bar • Tolerance: ± 0,1 bar • Fluid temperature range: 4÷110 °C • Connection: 1/4" F (ISO 228) 	8	<p>3-way pressure gauge holder cock - R228I</p> <ul style="list-style-type: none"> • Max. working pressure: 16 bar • Connection: 3/8"
4	<p>Safety thermostat with manual reset K373Y023 INAIL compliant</p> <ul style="list-style-type: none"> • Max. working pressure: 10 bar • Differential for reset: 20 ± 5 K • Limiter factory set: 100 °C (+0 °C / -6 °C) • Tolerance: -6 K • Max. head temperature: 80 °C • Max. bulb temperature: 125 °C • Thermal gradient: <1 K/min 	9	<p>Damper for pressure gauge - R228A INAIL compliant</p> <ul style="list-style-type: none"> • Max. working pressure: 25 bar • Max. working temperature: 120 °C • Conduit in nickel-plated copper
5	<p>Thermometer housing - R540I INAIL compliant</p> <ul style="list-style-type: none"> • Scale: 0÷120 °C • Connection: 1/2" M rear 	10	<p>Pressure gauge - R225I INAIL compliant</p> <ul style="list-style-type: none"> • Scale: 0÷10 bar • Connection: 3/8"
		11	<p>Additional 3/4" connection (only for R555Y110, 112, 115)</p>

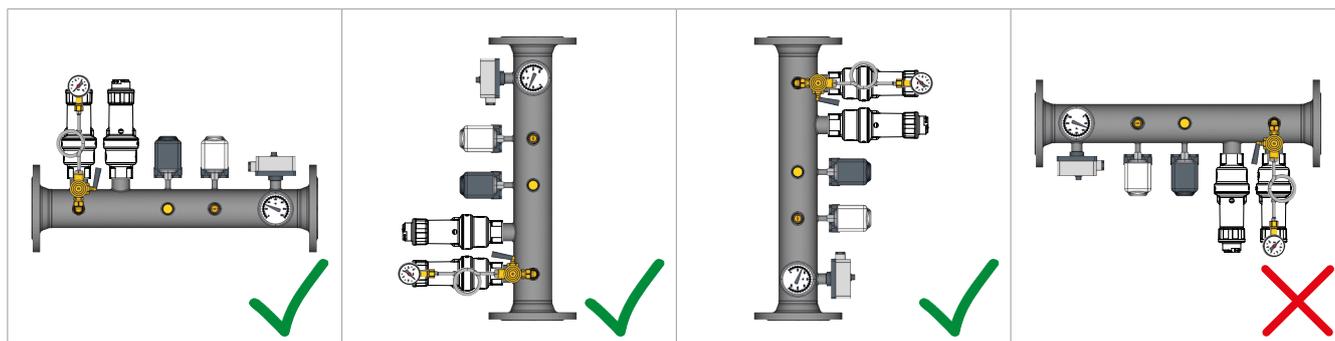
Installation

The R555 manifold must be assembled on the boiler delivery circuit; the safety elements of the Instruments manifold must be no further than 1m from the boiler itself.



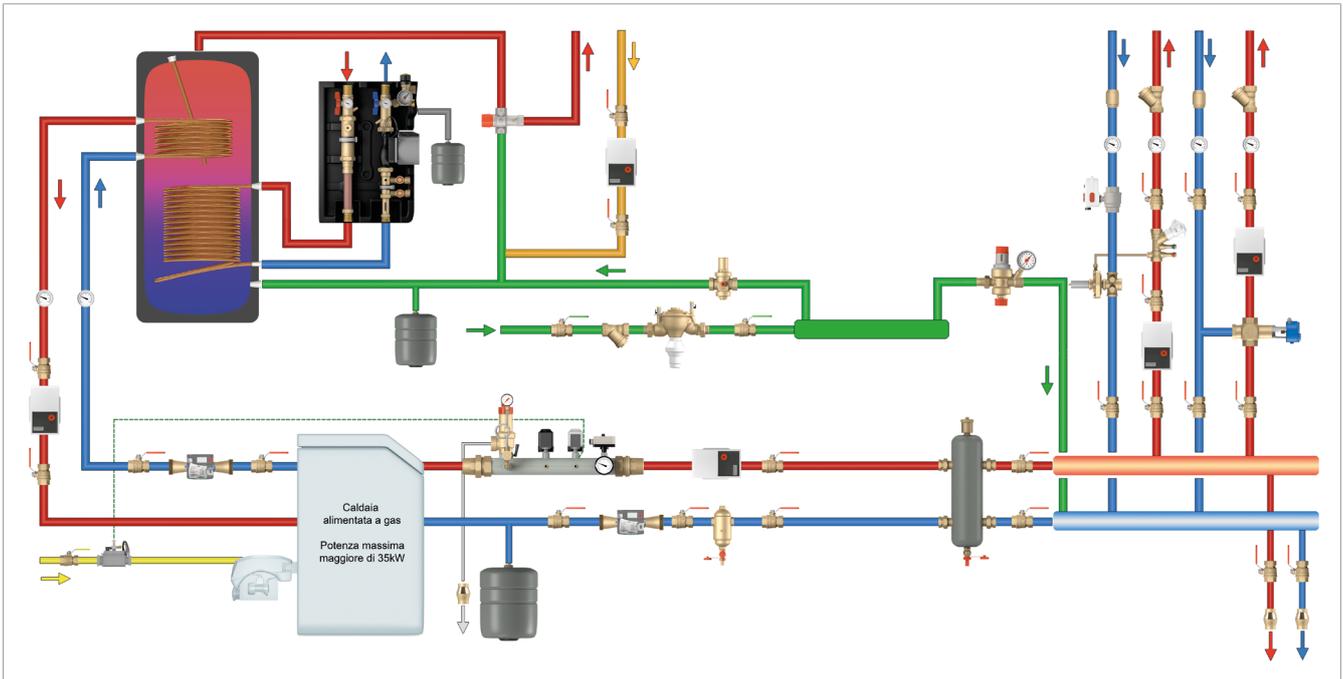
Note.

Channel the drainage from the R140D safety valves, using suitable R141 funnels (plus curved couplings R19 + R189 if necessary) to prevent any spray from reaching the electric components.





Example of application scheme



Product specifications

R555 - Threaded version

Threaded instruments manifold in steel (from 1 1/4" to 2"), for grouping together the various INAIL (I.S.P.E.S.L.) components envisaged by the "R" collection for boiler room safety, protection and checks. Complete with: safety pressure switch with manual reset product code; minimum pressure switch with manual reset product code; safety thermostat with manual reset product code; pressure gauge with damper coil and pressure gauge holder cock; thermometer; control housing; a probe connection for the fuel shut-off valve; a connection for the safety valve; 3-piece couplings. Fluid temperature range 4÷110 °C. Max. working pressure 5 bar.

R555 - Flanged version

Flanged instruments manifold in steel (from DN50 to DN150), for grouping together the various INAIL (I.S.P.E.S.L.) components envisaged by the "R" collection for boiler room safety, protection and checks. Complete with: safety pressure switch with manual reset product code; minimum pressure switch with manual reset product code; safety thermostat with manual reset product code; pressure gauge with damper coil and pressure gauge holder cock; thermometer; control housing; a probe connection for the fuel shut-off valve; a connection for the safety valve (two connections on the DN65 and DN80 versions). Flanges complying with UNI EN 1092-1 PN16. Fluid temperature range 4÷110 °C. Max. working pressure 5 bar.

Normative references

"R" collection

INAIL (I.S.P.E.S.L.) "R" collection for boiler room safety, protection and checks: Italian D.M. 1.12.75.

PED

European Pressure Equipment Directive (97/23/EC).

**(IT) AVVERTENZE PER IL CORRETTO SMALTIMENTO DEL PRODOTTO**

Questo prodotto rientra nel campo di applicazione della Direttiva 2012/19/UE riguardante la gestione dei rifiuti di apparecchiature elettriche ed elettroniche (RAEE). L'apparecchio non deve essere eliminato con gli scarti domestici in quanto composto da diversi materiali che possono essere riciclati presso le strutture adeguate. Informarsi attraverso l'autorità comunale per quanto riguarda l'ubicazione delle piattaforme ecologiche atte a ricevere il prodotto per lo smaltimento ed il suo successivo corretto riciclaggio.

Si ricorda, inoltre, che a fronte di acquisto di apparecchio equivalente, il distributore è tenuto al ritiro gratuito del prodotto da smaltire.

Il prodotto non è potenzialmente pericoloso per la salute umana e l'ambiente, ma se abbandonato nell'ambiente impatta negativamente sull'ecosistema.

Leggere attentamente le istruzioni prima di utilizzare l'apparecchio per la prima volta.

Si raccomanda di non usare assolutamente il prodotto per un uso diverso da quello a cui è stato destinato, essendoci pericolo di shock elettrico se usato impropriamente.



Il simbolo del bidone barrato, presente sull'etichetta posta sull'apparecchio, indica la rispondenza di tale prodotto alla normativa relativa ai rifiuti di apparecchiature elettriche ed elettroniche.

L'abbandono nell'ambiente dell'apparecchiatura o lo smaltimento abusivo della stessa sono puniti dalla legge.

(EN) IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT

This product falls into the scope of the Directive 2012/19/EU concerning the management of Waste Electrical and Electronic Equipment (WEEE).

This product shall not be disposed in to the domestic waste as it is made of different materials that have to be recycled at the appropriate facilities.

Inquire through the municipal authority regarding the location of the ecological platforms to receive the product for disposal and its subsequent correct recycling.

Furthermore, upon purchase of an equivalent appliance, the distributor is obliged to collect the product for disposal free of charge.

The product is not potentially dangerous for human health and the environment, but if abandoned in the environment can have negative impact on the environment.

Read carefully the instructions before using the product for the first time.

It is recommended that you do not use the product for any purpose rather than those for which it was intended, there being a danger of electric shock if used improperly.



The crossed-out wheeled dustbin symbol, on the label on the product, indicates the compliance of this product with the regulations regarding Waste Electrical and Electronic Equipment.

Abandonment in the environment or illegal disposal of the product is punishable by law.

(FR) AVERTISSEMENTS POUR L'ÉLIMINATION CORRECTE DU PRODUIT

Ce produit entre dans le champ d'application de la directive 2012/19 / UE relative à la gestion des déchets équipements électriques et électroniques (DEEE).

L'appareil ne doit pas être jeté avec les ordures ménagères car il est fait de différents matériaux pouvant être recyclés dans des centres appropriés.

Renseignez-vous auprès de l'autorité locale concernant l'emplacement des plates-formes écologiques appropriées pour recevoir le produit pour sa destruction et son recyclage correct ultérieur.

Il convient également de rappeler que, en cas d'achat d'un appareil équivalent, le distributeur est tenu de collecter le produit à détruire.

Le produit n'est potentiellement pas dangereux pour la santé humaine et l'environnement, mais s'il est abandonné dans l'environnement, il a un impact négatif sur l'écosystème.

Lisez attentivement les instructions avant d'utiliser l'appareil pour la première fois.

Il est interdit d'utiliser le produit pour un usage différent de celui auquel il était destiné, il y a risque de choc électrique si utilisé incorrectement.



Le symbole de la poubelle barrée sur l'étiquette de l'appareil indique sa correspondance produit à la législation relative aux déchets d'équipements électriques et électroniques.

L'abandon dans l'environnement de l'équipement ou l'élimination illégale de l'équipement est punissable par la loi.

(DE) WICHTIGE HINWEISE ZUR KORREKTEN ENTSORGUNG DES PRODUKTS

Dieses Produkt fällt in den Anwendungsbereich der Richtlinie 2012/19/EU über die Entsorgung von Elektro- und Elektronik - Altgeräten (WEEE).

Dieses Produkt darf nicht in den Hausmüll entsorgt werden, da es aus verschiedenen Materialien besteht, die in entsprechenden Einrichtungen recycelt werden müssen.

Erkundigen sie sich bei ihrer Gemeinde nach dem Standort des nächsten Recyclinghofs bzw. der nächsten Annahmestelle, um das Produkt dem Recycling zuzuführen bzw. fachgerecht zu entsorgen.

Darüber hinaus ist der Händler verpflichtet, das Produkt beim Kauf eines gleichwertigen Geräts kostenlos zu entsorgen.

Das Produkt ist für die menschliche Gesundheit und die Umwelt potenziell nicht gefährlich.

Diese können sich aber, falls sie in der Umwelt gelangen, negativ auf diese auswirken.

Lesen Sie daher vor dem ersten Gebrauch des Produkts die Inbetriebnahme-, Bedienungs- und Entsorgungsanweisungen sorgfältig durch. Es wird empfohlen, dass Sie das Produkt nur für den vorgesehenen Zweck verwenden.

Bei unsachgemäßer Verwendung bzw. Fehlgebrauch besteht die Gefahr eines elektrischen Schlags.



Das Symbol der durchgestrichenen Mülltonne auf dem Etikett des Produkts weist auf die Konformität dieses Produkts zu den Vorschriften für Elektro- und Elektronik-Altgeräte hin. Das Ablagern in der Umwelt oder die illegale Entsorgung des Produkts ist strafbar.

Additional information

For more information, go to www.giacomini.com or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com

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