VALVOLE DI SFIATO ARIA AUTOMATICHE "VALMAT"

CARATTERISTICHE IDRAULICHE

La valvola di sfiato viene utilizzata negli impianti di riscaldamento per scaricare le sacche d'aria.
Il rubinetto di intercettazione automatico permette lo smontaggio della valvola con l'impianto in esercizio senza alcuna perdita d'acqua.

CARATTERISTICHE TECNICHE

Pressione max di esercizio in entrata	10 bar
Temperatura max (fluido acqua)	110° C
Filettature:	
Connessione alla tubazione	UNI ISO 228/1

COSTRUZIONE

MOD. 0501 - 0502 - 0502,4
Corpo in ottone UNI EN 12165:98
Tappo in ottone UNI EN 12165:98
Galleggiante polipropilene.

MOD. 0539
Corpo in ottone UNI EN 12164:98
Valvolina separatrice resina acetalica.

AUTOMATIC AIR VENT "VALMAT"

HIDRAULIC FEATURES

The automatic air vent is used to discharge air-pockets in the heating system.
The automatic isolating valve allows the valve to be disassembled even if the system is working without any leakage of water.

TECHNICAL FEATURES

Max inlet working pressure	*10 bar*
Max temperature (water)	*110° C*
Threadings for:	
waterworks	*UNI ISO 228/1*

CONSTRUCTION

ITEM 0501 - 0502 - 0502,4
Body in brass UNI EN 12165:98
Plug in brass UNI EN 12165:98
Float in polypropilene (PP)

ITEM 0539
Body in brass UNI EN 12164:98
Flap in acetalic resin.

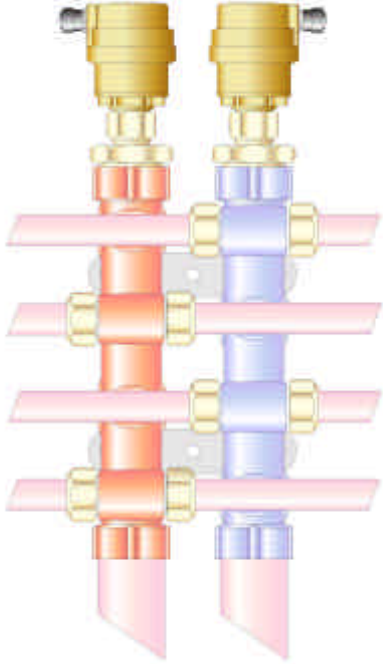
0500 - 0501 - 0502

Le valvole sfiato aria possono essere utilizzate su impianti di riscaldamento con bruciatori a gas o gasolio, su caldaie a legna o carbone, su impianti a energia solare.

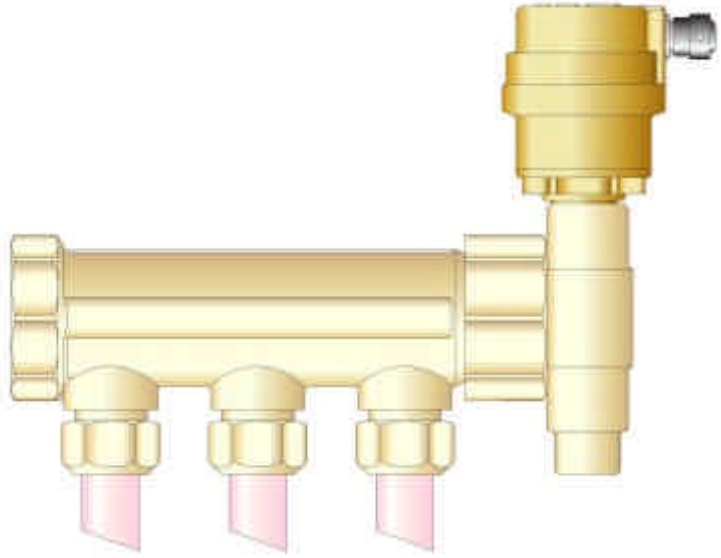
The automatic air vents can be used on heating systems with gas or oil burner, on boiler working with wood or coal, on solar energy systems.

VALVOLE SFIATO ARIA AUTOMATICHE

AUTOMATIC AIR VENT



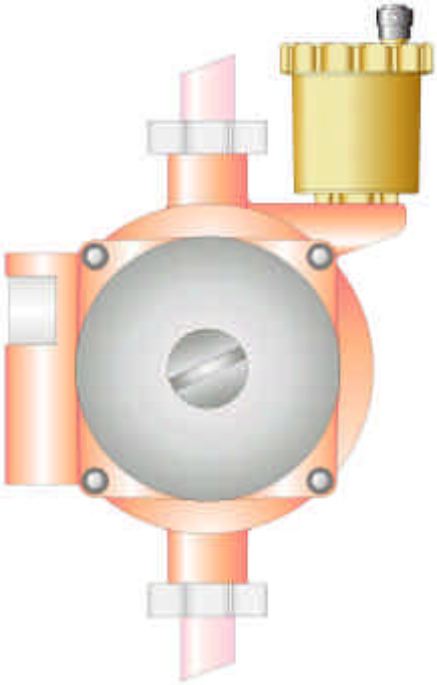
Su collettore complanare
On double manifolds



Su collettore semplice
On simple manifolds

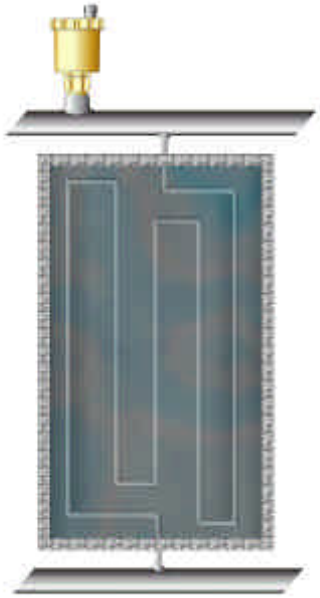
0500 - 0501 - 0502

VALVOLE SFIATO ARIA AUTOMATICHE
AUTOMATIC AIR VENT



Su circolatore acqua calda
On water circulation pump

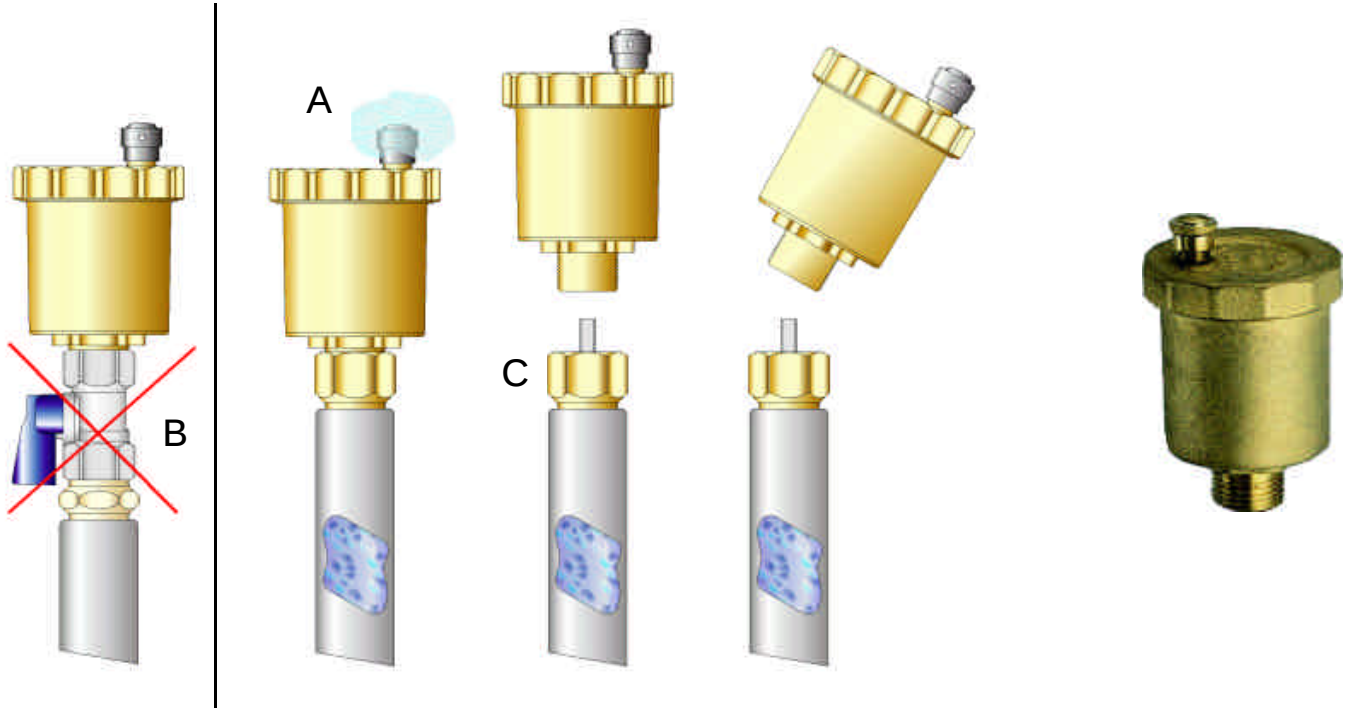
Su separatore d'aria
On air separator



Su impianto a energia solare
On solar energy system

0500 - 0501 - 0502

VALVOLE DI SFIATO ARIA AUTOMATICHE "VALMAT"
AUTOMATIC AIR VENT "VALMAT"



Quando si installa una valvola sfiato aria (A) è meglio non installare una valvola di intercettazione a chiusura manuale (B) all'ingresso, in quanto l'utente potrebbe accidentalmente chiudere la valvola, non permettendo il normale funzionamento dello sfiato.
Al contrario si consiglia di installare un rubinetto di intercettazione cod. 0539 (C), il quale si apre e si chiude in modo automatico con l'avvitamento e lo svitamento della valvola sfiato aria, in caso di un normale intervento di pulizia o sostituzione.

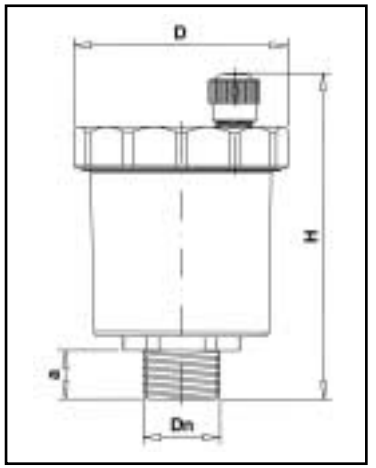
While installing an air vent,"VALMAT" (A) it is better to avoid to install a manual closing ball valve or similar (B), because the user could casually close it not allowing the normal working of the air vent.
In the contrary case, we suggest to install an isolating valve cod. 0539 (C), which will open and close itself, while screwing and unscrewing the air vent, for normal cleaning or for the replacement of it.

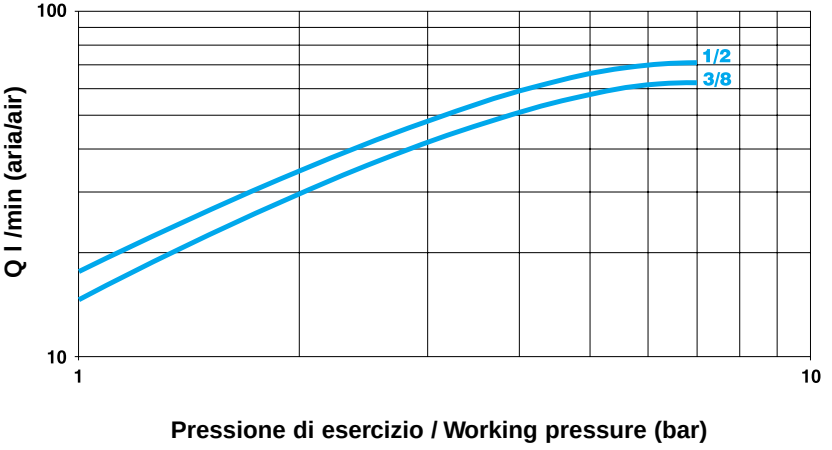
Officine Rigamonti

VALVOLE DI SFIATO ARIA AUTOMATICHE "VALMAT"
AUTOMATIC AIR VENT "VALMAT"

0502 • 3/8"-3/4"
VALVOLA DI SFIATO AUTOMATICA "VALMAT"
AUTOMATIC AIR VENT "VALMAT"

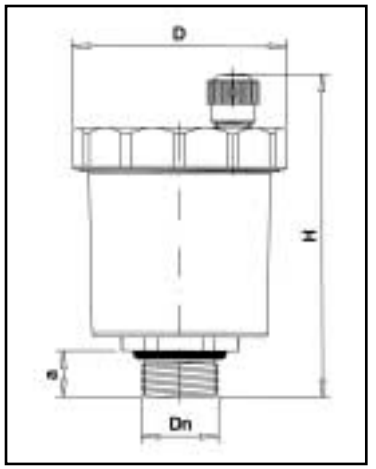
Dn	D	H	a
3/8"	Ø 46	70	10,5
1/2"	Ø 46	70	10,5

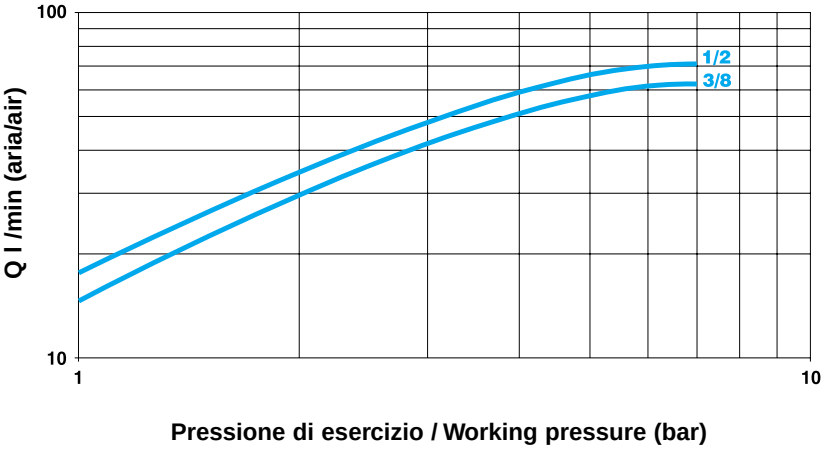




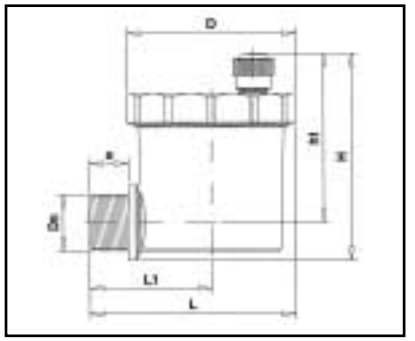
0501 • 3/8"-1/2"
VALVOLA DI SFIATO AUTOMATICA "VALMAT"CON O-RING
AUTOMATIC AIR VENT "VALMAT" WITH O-RING SEAL

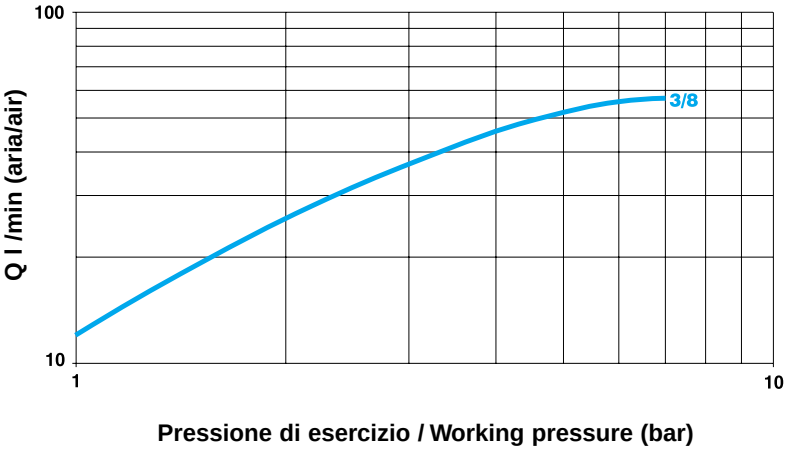
Dn	D	H	a
3/8"	Ø 46	70	10,5
1/2"	Ø 46	70	10,5





0502.4 • 3/8" VALVOLA DI SFIATO AUTOMATICA "VALMAT" ATTACCO ANGOLO
AUTOMATIC AIR VENT "VALMAT" ANGLE TYPE

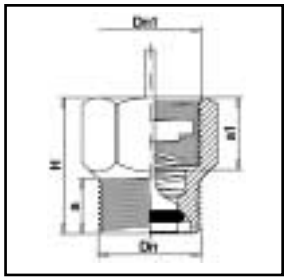




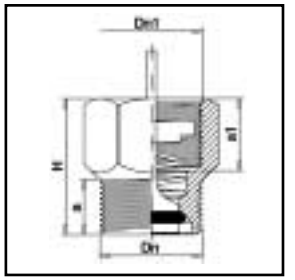
Dn	L	L1	D	H	h1	a
3/8"	55,5	33	Ø 46	60,5	49,5	10,5

0539 • 3/8" - 1/2"

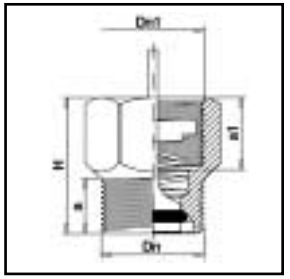
RUBINETTO INTERCETTAZIONE VALVOLA SFIATO
(GIALLO O NICHELATO)
ISOLATING VALVE FOR AIRVENT
(BLAST FINISHED OR NIKEL PLATED)



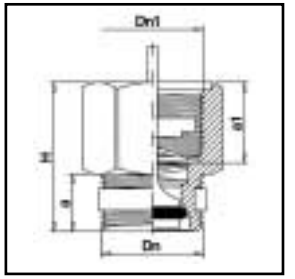
Dn	Dn1	H	a	a1
3/8"	3/8"	22,5	9	12
1/2"	1/2"	25	9	14



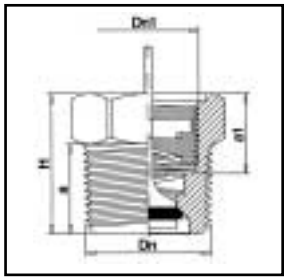
Dn	Dn1	H	a	a1
3/8"	3/8"	24	9	14
1/2"	1/2"	27	9	16



Dn	Dn1	H	a	a1
1/2"	3/8"	23,5	9,5	13,5



Dn	Dn1	H	a	a1
3/8"	3/8"	25,5	9	15
3/8"	1/2"	25	12	13,5
1/2"	1/2"	29	12	17



Dn	Dn1	H	a	a1
1/2"	3/8"	23,5	15	13,5