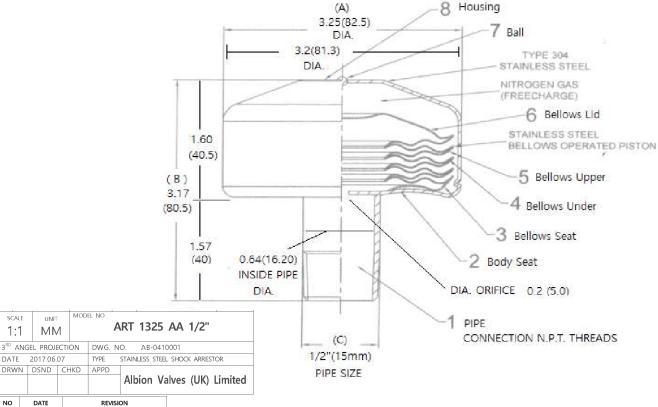


The results of tests or conformance inspections conducted on this unit are applicable to this unit only. Use of this data and/or reference to the Plumbing and Drainage Institute in connection with purported certification by any other means than certification as described in the applicable standard constitute a breach of the relevant certification Mark License Agreement with the Plumbing and Drainage Institute.



 NO
 DATE
 REVISION

 ⚠
 2019. 03. 26
 REVISED DATA

 ⚠
 2024. 04. 24
 ORIFICE DIAMETER DETAILS

(Drawing, dimensions and description)

The statements made herein are certified to be true and correct representations of the model certified by PDI.

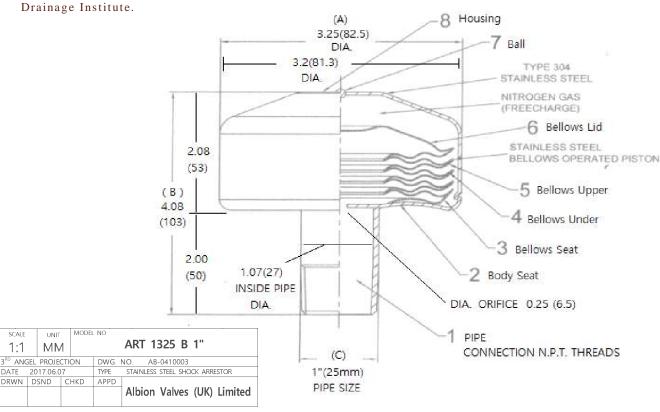
Certification Expiration Date <u>June 20, 2029</u>



	INSTITUTE R
or forAlbion Valves Lir dimensions illustrated herein, has be Turnpike Street, Suite 300, North certification procedure established b 201, for sizeA Water Hamm performance tested on a1/2 in P.S.I.G. and surge pressure of 340	Arrester, Model NoART 1325 A 3/4", manufactured by, nited (UK), which conforms to the drawings and en certified by the Plumbing and Drainage Institute, Inc., 800 Andover, MA. 01845, as of this date in accordance with the sy the Plumbing and Drainage Institute, in P.D.I. Standard WH-ter Arresters. It is further certified that when such arrester was ach pipe line of fifty feet effective length, flow pressure of 60 P.S.I.G. (400 P.S.I.G. maximum total pressure), such arrester sudden valve closure to 150 P.S.I.G. maximum which is the
only. Use of this data and/or reference purported certification by any other	inspections conducted on this unit are applicable to this unit nee to the Plumbing and Drainage Institute in connection with means than certification as described in the applicable standard certification Mark License Agreement with the Plumbing and
Drainage Institute.	(A) 8 Housing
7.0	3 25(82 5)
	DIA. 7 Ball
	3.2(81.3) TYPE 304 STAINLESS STEEL
+	NITROGEN GAS (FREECHARGE)
	6 Bellows Lid
1.60	STAINLESS STEEL BELLOWS OPERATED PISTON
(40.5) (B) 3.17	5 Bellows Upper
(80.5)	4 Bellows Under
1.57	3 Bellows Seat
(40)	0.85(21.5) NSIDE PIPE 2 Body Seat
	DIA. ORIFICE 0.2 (5.0)
CALE UNIT MODEL NO ART 1325 A 3/4"	1 PIPE
1.1 141141	
ANGEL PROJECTION DWG. NO. AB-0410002 TE 2017.06.07 TYPE STAINLESS STEEL SHOCK ARRESTOR	(C) CONNECTION N.P.I. THREADS 3/4"(20mm)
wn DSND CHKD APPD Albion Valves (UK) Limited	
D. DATE REVISION	
2019. 03. 26 REVISED DATA	
	ing, dimensions and description)
, ,	ïed to be true and correct representations of the model certified by PDI.
Nama Max Wein	
Name Not Week	Title Executive Director
Certification Date June 20,2024	Report No 80216242-1
Certification Expira	tion Date June 20, 2029



This is to certify that Water Hammer Arrester, Model NoART 1325 B 1", manufactured by, or forAlbion Valves Limited (UK), which conforms to the drawings and dimensions illustrated herein, has been certified by the Plumbing and Drainage Institute, Inc., 800 Turnpike Street, Suite 300, North Andover, MA. 01845, as of this date in accordance with the certification procedure established by the Plumbing and Drainage Institute, in P.D.I. Standard WH-201, for sizeB Water Hammer Arresters. It is further certified that when such arrester was performance tested on a3/4 inch pipe line of fifty feet effective length, flow pressure of 60 P.S.I.G. and surge pressure of 340 P.S.I.G. (400 P.S.I.G. maximum total pressure), such arrester limited the total pressure created by sudden valve closure to 150 P.S.I.G. maximum which is the acceptable limit in such Standard.
The results of tests or conformance inspections conducted on this unit are applicable to this unit only. Use of this data and/or reference to the Plumbing and Drainage Institute in connection with purported certification by any other means than certification as described in the applicable standard constitute a breach of the relevant certification Mark License Agreement with the Plumbing and



(Drawing, dimensions and description)

The statements made herein are certified to be true and correct representations of the model certified by PDI.

Name_ Mot Weess

Title Executive Director

Certification Date June 20,2024

Report No 80216242-2

Certification Expiration Date June 20, 2029



	MSTITUTE R
This is to certify that Water Hammer Arrester, Mode or for Albion Valves Limited (UK) dimensions illustrated herein, has been certified by Turnpike Street, Suite 300, North Andover, MA. certification procedure established by the Plumbing 201, for size C Water Hammer Arresters. It performance tested on a 1 inch pipe line of P.S.I.G. and surge pressure of 340 P.S.I.G. (400 Il limited the total pressure created by sudden valve acceptable limit in such Standard.	the Plumbing and Drainage Institute, Inc., 800 01845, as of this date in accordance with the and Drainage Institute, in P.D.I. Standard WHis further certified that when such arrester was fifty feet effective length, flow pressure of 60 P.S.I.G. maximum total pressure), such arrester
The results of tests or conformance inspections co only. Use of this data and/or reference to the Plur purported certification by any other means than cert constitute a breach of the relevant certification M	nbing and Drainage Institute in connection with ification as described in the applicable standard
Drainage Institute.	(A) Housing 7 Ball
3.2(81.3	.25(82.5) DIA. TYPE 304
DIA.	NITROGEN GAS
1 T I	(FREECHARGE) 6 Bellows Lid
2.45 (63)	STAINLESS STEEL BELLOWS OPERATED PISTON
7	5 Bellows Upper
(B) 4.45	4 Bellows Under
(113)	
	3 Bellows Seat
2.00	2 Body Seat
(50) 1.07(27)	DIA. ORIFICE 0.25(6.5) 1 PIPE
O. DATE REVISION INSIDE PIPE	CONNECTION N.P.T. THREADS
2024. 04. 24 ORIFICE DIAMETER DETAILS REVISED DATA	_
SCALE UNIT MODEL NO ART 1325 C 1"	
1:1 MM ARI 1325 C I" NOTE ANGEL PROJECTION DWG. NO. AB-0410004	(C) 1"(25mm)
ATE 2017.06.07 TYPE STAINLESS STEEL SHOCK ARRESTOR RWN DSND CHKD APPD	PIPE SIZE
Albion Valves (UK) Limited	
(Drawing, dimensions) The statements made herein are certified to be true and c	
, ,	office representations of the model certified by 1 D1.
Name_ Mot Weiss	Title Executive Director
Certification Date June 20,2024	Report No 80216242-3
Certification Expiration Date June 2	20. 2029



	3110
or forAlbion Valves Limidimensions illustrated herein, has been Turnpike Street, Suite 300, North Arcertification procedure established by 201, for size Water Hamme performance tested on a1 - 1/4_ inc P.S.I.G. and surge pressure of 340 P	ART 1325 D 1", manufactured by, ted (UK), which conforms to the drawings and a certified by the Plumbing and Drainage Institute, Inc., 800 adover, MA. 01845, as of this date in accordance with the the Plumbing and Drainage Institute, in P.D.I. Standard WH-rr Arresters. It is further certified that when such arrester was h pipe line of fifty feet effective length, flow pressure of 60 s.I.G. (400 P.S.I.G. maximum total pressure), such arrester studden valve closure to 150 P.S.I.G. maximum which is the
only. Use of this data and/or referen purported certification by any other m constitute a breach of the relevant constitute.	nspections conducted on this unit are applicable to this unit are to the Plumbing and Drainage Institute in connection with eans than certification as described in the applicable standard ertification Mark License Agreement with the Plumbing and
Drainage Institute.	Housing
3.26 (83) (B) 5.26 (133)	(A) 8 7 Ball TYPE 304 STAINLESS STEEL NITROGEN GAS (FREECHARGE) 6 Bellows Lid STAINLESS STEEL BELLOWS OPERATED PISTON 5 Bellows Upper 4 Bellows Under
2.0	CO 0-70 I V HANG AND
O. DATE REVISION (50) 1.07(27) DIA. ORIFICE 0.43(11)
2019. 03. 26 REVISED DATA	INSIDE PIPE 1 PIPE
2024. 04. 24 ORIFICE DIAMETER DETAILS REVISED DATA	DIA. CONNECTION N.P.T. THREADS
icale Unit MODEL NO ART 1325 D 1"	(C) ← 1"(25mm) →
ANGEL PROJECTION DWG. NO. AB-0410005	PIPE SIZE
TE 2017.06.07 TYPE STAINLESS STEEL SHOCK ARRESTOR	
WN DSND CHKD APPD Albion Valves (UK) Limited	
(Drawin	g, dimensions and description)

The statements made herein are certified to be true and correct representations of the model certified by PDI.

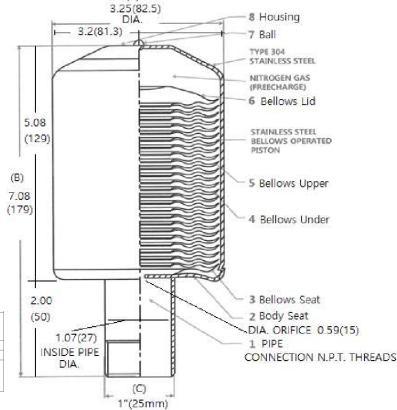
Title Executive Director Certification Date June 20,2024 Report No 80216242-4

Certification Expiration Date June 20, 2029



This is to certify that Water Hammer Arrester, Model No	ART 1325 E 1"	, manufactured by,
or for Albion Valves Limited (UK),	which conforms	to the drawings and
dimensions illustrated herein, has been certified by the Plun	bing and Drainag	e Institute, Inc., 800
Turnpike Street, Suite 300, North Andover, MA. 01845, as	of this date in	accordance with the
certification procedure established by the Plumbing and Drai	nage Institute, in	P.D.I. Standard WH-
201, for size <u>E</u> Water Hammer Arresters. It is further	r certified that wh	nen such arrester was
performance tested on a 1 - 1/2 inch pipe line of fifty fee	t effective length,	, flow pressure of 60
P.S.I.G. and surge pressure of 340 P.S.I.G. (400 P.S.I.G. n	naximum total pre	ssure), such arrester
limited the total pressure created by sudden valve closure t	o 150 P.S.I.G. ma	aximum which is the
acceptable limit in such Standard.		

The results of tests or conformance inspections conducted on this unit are applicable to this unit only. Use of this data and/or reference to the Plumbing and Drainage Institute in connection with purported certification by any other means than certification as described in the applicable standard constitute a breach of the relevant certification Mark License Agreement with the Plumbing and Drainage Institute.



	SCAL 1:		UNIT	MODE:	. NO	ART 1325 E 1"
1	3 RD AN	NGEL	PROJEC	TION	DWG.	NO. AB-0410006
	DATE	20	17.06.0	7	TYPE	STAINLESS STEEL SHOCK ARRESTOR
	DRWN	I D	SND	CHKD	APPD	
						Albion Valves (UK) Limited

(Drawing, dimensions and description)

The statements made herein are certified to be true and correct representations of the model certified by PDI.

PIPE SIZE

Certification Expiration Date <u>June 20, 2029</u>



	/NSTITUTE R
This is to certify that Water Hammer Arrester, Model NoART 1325 F 1" or forAlbion Valves Limited (UK), which conforms to dimensions illustrated herein, has been certified by the Plumbing and Drainage Turnpike Street, Suite 300, North Andover, MA. 01845, as of this date in a certification procedure established by the Plumbing and Drainage Institute, in P 201, for sizeF Water Hammer Arresters. It is further certified that who performance tested on a2 inch pipe line of fifty feet effective length, P.S.I.G. and surge pressure of 340 P.S.I.G. (400 P.S.I.G. maximum total pres limited the total pressure created by sudden valve closure to 150 P.S.I.G. maxacceptable limit in such Standard.	o the drawings and Institute, Inc., 800 Accordance with the P.D.I. Standard WH- en such arrester was flow pressure of 60 sure), such arrester
The results of tests or conformance inspections conducted on this unit are apponly. Use of this data and/or reference to the Plumbing and Drainage Institute purported certification by any other means than certification as described in the constitute a breach of the relevant certification Mark License Agreement with Drainage Institute. (A) 3.25(82.5) DIA 8 HOULE STAINLY STAINL	in connection with applicable standard the Plumbing and

		1	
			NITROGEN GAS (FREECHARGE)
			6 Bellows Lid
(129)			STAINLESS STEEL BELLOWS OPERATED PISTON
(B) 7.08			5 Bellows Upper
(179)			4 Bellows Under
2.00		177	3 Bellows Seat
(50)		1 1	2 Body Seat
1 7			DIA. ORIFICE 0.59(15)
	1.07(27)	╡ ∦ ∖	— 1 PIPE
d ± INS	DIA.		CONNECTION N.P.T. THREADS
u	-	(C)	

	SCALE 1:1		MN		L NO	ART 1325 F 1"
,	3 RD ANG	SEL	PROJEC	CTION	DWG.	NO. AB-0410007
	DATE	20	17.06.0	7	TYPE	STAINLESS STEEL SHOCK ARRESTOR
	DRWN	D:	SND	CHKD	APPD	
						Albion Valves (UK) Limited

2019. 03. 26 REVISED DATA ORIFICE DIAMETER DETAILS REVISED DATA 2024. 04. 24

1"(25mm)

PIPE SIZE

(Drawing, dimensions and description)

The statements made herein are certified to be true and correct representations of the model certified by PDI.

Title Executive Director Certification Date June 20,2024 Report No. 80216242-6

Certification Expiration Date June 20, 2029