

Ordering guide for Air Release Valves



Combination Air Release Valves - Water

Automatic orifice air valves (25mm)				
Part No	Material	Pressure	Connection	Orifice Size
1-ARA-BP-P	Plastic	1000Kpa	1" BSP male	1.2mm
1-ARA-BP-M	C.I.	1600Kpa	1" BSP male	1.2mm
C-1-ARA-BP-PN25	Ductile Iron	2500Kpa	1" BSP Female	1.4mm
C-1-ARA-BP-PN40	Ductile Iron	4000Kpa	1" BSP Female	1.1mm



25mm

Combination (double orifice) orifice air valves (25mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-1-ARC-BP-PN16	Ductile Iron	1600Kpa	1" BSP Female	25mm
C-1-ARC-BP-PN25	Ductile Iron	2500Kpa	1" BSP Female	25mm
C-1-ARC-BP-PN40	Ductile Iron	4000Kpa	1" BSP Female	25mm



25mm

Combination (double orifice) orifice air valves (50mm)				
Part No	Material	Pressure	Connection	Orifice Size
2-ARC-BP-P	C.I. / Plastic	1000Kpa	2" BSP Male	50mm
2-ARC-BP-C	C.I.	1600Kpa	2" BSP Male	50mm
C-2-ARC-BP-PN16	Ductile Iron	1600Kpa	2" BSP female	50mm
C-2-ARC-BP-PN25	Ductile Iron	2500Kpa	2" BSP female	50mm
C-2-ARC-BH-PN40	Ductile Iron	4000Kpa	2" table H	50mm



50mm

Combination (double orifice) orifice air valves (80mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-3R-ARC-BE-PN16	Ductile Iron	1600Kpa	3" table E	50mm
C-3-ARC-BD-PN16	Ductile Iron	1600Kpa	3" table D	75mm
C-3-ARC-BF-PN25	Ductile Iron	2500Kpa	3" table F	75mm
C-3-ARC-BH-PN40	Ductile Iron	4000Kpa	3" table H	75mm



80mm

Combination (double orifice) orifice air valves (100mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-4-ARC-BD-PN16	Ductile Iron	1600Kpa	4" table D	100mm
C-4-ARC-BF-PN25	Ductile Iron	2500Kpa	4" table F	100mm
C-4-ARC-BH-PN40	Ductile Iron	4000Kpa	4" table H	100mm



100mm

Combination (double orifice) orifice air valves (150mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-6R-ARC-BE-PN16	Ductile Iron	1600Kpa	6" table E	125mm
C-6R-ARC-BF-PN25	Ductile Iron	2500Kpa	6" table F	125mm
C-6-ARC-BE-PN16	Ductile Iron	1600Kpa	6" table E	150mm
C-6-ARC-BF-PN25	Ductile Iron	2500Kpa	6" table F	150mm
C-6-ARC-BF-PN40	Ductile Iron	4000Kpa	6" table H	150mm



150mm

Combination (double orifice) orifice air valves (200mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-8-ARC-BE-PN16	Ductile Iron	1600Kpa	8" table E	200mm
C-8-ARC-BF-PN25	Ductile Iron	2500Kpa	8" table F	200mm
C-8-ARC-BH-PN40	Ductile Iron	4000Kpa	8" table H	200mm



200mm

Anti-Slam Air Release Valves - Water Fox 3-AS

Combination (anti-slam) orifice air valves (25mm)

Part No	Material	Pressure	Connection	Orifice Size
C-1-ARC-AS-BP-PN16	Ductile Iron	1600Kpa	1" BSP female	24mm
C-1-ARC-AS-BP-PN25	Ductile Iron	2500Kpa	1" BSP female	24mm
C-1-ARC-AS-BP-PN40	Ductile Iron	4000Kpa	1" BSP female	24mm



25mm A.S.

Combination (anti-slam) orifice air valves (50mm)

Part No	Material	Pressure	Connection	Orifice Size
C-2-ARC-AS-BP-PN16	Ductile Iron	1600Kpa	2" BSP female	48mm
C-2-ARC-AS-BP-PN25	Ductile Iron	2500Kpa	2" BSP female	48mm
C-2-ARC-AS-BP-PN40	Ductile Iron	4000Kpa	2" BSP female	48mm



50mm A.S.

Combination (anti-slam) orifice air valves (80mm)

Part No	Material	Pressure	Connection	Orifice Size
C-3R-ARC-AS-BE-PN16	Ductile Iron	1600Kpa	3" table E	48mm
C-3-ARC-AS-BD-PN16	Ductile Iron	1600Kpa	3" table D	72mm
C-3-ARC-AS-BF-PN25	Ductile Iron	2500Kpa	3" table F	72mm
C-3-ARC-AS-BH-PN40	Ductile Iron	4000Kpa	3" table H	72mm



80mm A.S.

Combination (anti-slam) orifice air valves (100mm)

Part No	Material	Pressure	Connection	Orifice Size
C-4-ARC-AS-BE-PN16	Ductile Iron	1600Kpa	4" table D / E	95mm
C-4-ARC-AS-BF-PN25	Ductile Iron	2500Kpa	4" table F	95mm
C-4-ARC-AS-BH-PN40	Ductile Iron	4000Kpa	4" table H	95mm



100mm A.S.

Combination (anti-slam) orifice air valves (150mm)

Part No	Material	Pressure	Connection	Orifice Size
C-6R-ARC-AS-BE-PN16	Ductile Iron	1600Kpa	6" table D / E	120mm
C-6R-ARC-AS-BF-PN25	Ductile Iron	2500Kpa	6" table F	120mm
C-6-ARC-AS-BE-PN16	Ductile Iron	1600Kpa	6" table D / E	145mm
C-6-ARC-AS-BF-PN25	Ductile Iron	2500Kpa	6" table F	145mm
C-6-ARC-AS-BH-PN40	Ductile Iron	4000Kpa	6" table H	145mm



150mm A.S.

Combination (anti-slam) orifice air valves (200mm)

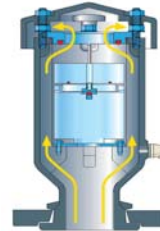
Part No	Material	Pressure	Connection	Orifice Size
C-8-ARC-AS-BE-PN16	Ductile Iron	1600Kpa	8" table D / E	190mm
C-8-ARC-AS-BF-PN25	Ductile Iron	2500Kpa	8" table F	190mm
C-8-ARC-AS-BH-PN40	Ductile Iron	2500Kpa	8" table H	190mm



200mm A.S.

Rapid Filling Prevention Combination Air Release Valves Fox 3-RFP

Combination (RFP) orifice air valves (50mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-2-ARC-RFP-BP-PN16	Ductile Iron	1600Kpa	2" BSP female	50mm
C-2-ARC-RFP-BP-PN25	Ductile Iron	2500Kpa	2" BSP female	50mm
C-2-ARC-RFP-BP-PN40	Ductile Iron	4000Kpa	2" BSP female	50mm



Stage 1

Combination (RFP) orifice air valves (80mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-3R-ARC-RFP-BE-PN16	Ductile Iron	1600Kpa	3" table E	50mm
C-3-ARC-RFP-BD-PN16	Ductile Iron	1600Kpa	3" table D	75mm
C-3-ARC-RFP-BF-PN25	Ductile Iron	2500Kpa	3" table F	75mm
C-3-ARC-RFP-BH-PN40	Ductile Iron	4000Kpa	3" table H	75mm



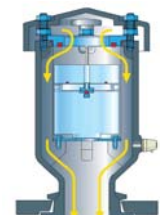
Stage 2

Combination (RFP) orifice air valves (100mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-4-ARC-RFP-BE-PN16	Ductile Iron	1600Kpa	4" table D / E	100mm
C-4-ARC-RFP-BF-PN25	Ductile Iron	2500Kpa	4" table F	100mm
C-4-ARC-RFP-BH-PN40	Ductile Iron	4000Kpa	4" table H	100mm



Stage 3

Combination (RFP) orifice air valves (150mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-6R-ARC-RFP-BE-PN16	Ductile Iron	1600Kpa	6" table D / E	125mm
C-6R-ARC-RFP-BF-PN25	Ductile Iron	2500Kpa	6" table F	125mm
C-6-ARC-RFP-BE-PN16	Ductile Iron	1600Kpa	6" table D / E	150mm
C-6-ARC-RFP-BF-PN25	Ductile Iron	2500Kpa	6" table F	150mm
C-6-ARC-RFP-BH-PN40	Ductile Iron	4000Kpa	6" table H	150mm



Stage 4

Combination (RFP) orifice air valves (200mm)				
Part No	Material	Pressure	Connection	Orifice Size
C-8-ARC-RFP-BE-PN16	Ductile Iron	1600Kpa	8" table D / E	200mm
C-8-ARC-RFP-BF-PN25	Ductile Iron	2500Kpa	8" table F	200mm
C-8-ARC-RFP-BH-PN40	Ductile Iron	2500Kpa	8" table H	200mm

Bermad **Accessories** for Water Air Release Valves

Anti-Slam Kit to be added to "Fox" combination Air Release Valves				
Part No	Material	Pressure	Suit valve	Orifice Size
C-1-3AS-KIT	Bronz /S.Steel	2500Kpa	1"	24mm
C-2-3AS-KIT	Bronz /S.Steel	2500Kpa	2" & 3"R	48mm
C-3-3AS-KIT	Bronz /S.Steel	2500Kpa	3"	72mm
C-4-3AS-KIT	Bronz /S.Steel	2500Kpa	4"	95mm
C-6R-3AS-KIT	Bronz /S.Steel	2500Kpa	6"R	120mm
C-6-3AS-KIT	Bronz /S.Steel	2500Kpa	6"	145mm
C-8-3AS-KIT	Bronz /S.Steel	2500Kpa	8"	190mm



Note : The kit includes longer studs , the A.S. mechanism & spacers.
This can be added to a valve to convert to anti-slam combination function.

Sub Kit to be added to "Fox" combination Air Release Valves				
Part No	Connection	Pressure	Suit valve	Stock line
C-1-SUB-KIT	1"	1600Kpa	1"	Yes
C-2-SUB-KIT	2"	1600Kpa	2" & 3"R	Yes
C-3-SUB-KIT	2.5"	1600Kpa	3"	Yes
C-4-SUB-KIT	3"	1600Kpa	4"	Yes
C-6R-SUB-KIT	4"	1600Kpa	6R"	Yes



Note : The kit includes the cover adaptor and longer studs
The outlet thread should be considered when wanting to divert water from the air valve

EO Kit to be added to "Fox" combination Air Release Valves				
Part No	Outlet	Pressure	Suit valve	Stock line
C-1-EO-KIT	Mesh	1600Kpa	1"	Yes
C-2-EO-KIT	Mesh	1600Kpa	2" & 3"R	Yes
C-3-EO-KIT	Mesh	1600Kpa	3"	Yes
C-4-EO-KIT	Mesh	1600Kpa	4"	Yes

Note : The kit is used to release air, but to prevent air from entering under vacuum.