ASC
Engineered Solutions

Standard Coil Hook Up Kit Configurations
Fig. A2W

Automatic 2–Way

Fig. 99IBV + Fig. ABV–9900V

Fig. 92UN

Fig. 92HS

Fig. 92ST

Fig. 92HS
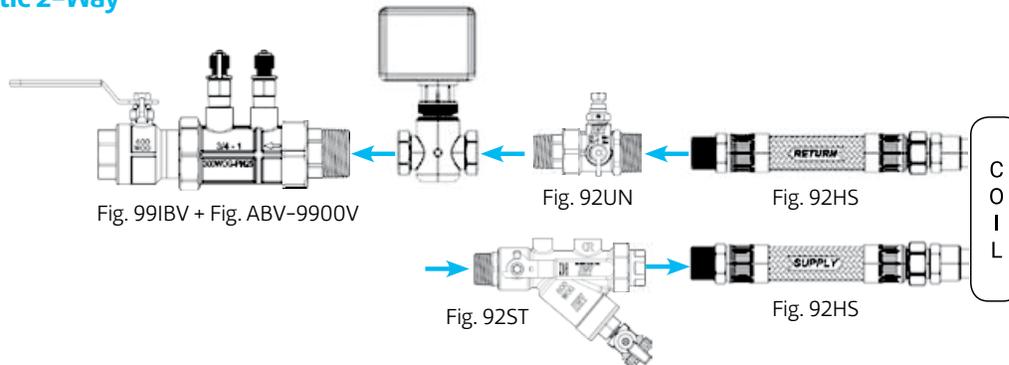
COIL

Ordering Options

Supply/Return Line Size

½"	¾"	1"
1 ¼"	1 ½"	2"

Supply/Return Connection

FNPT   Sweat
Press   PEX (F–1960)

Coil Connection Size

⅜"	½"	¾"	1"
1 ¼"	1 ½"	2"	

Note: For copper connection
Male / Sweat / "L" type copper

7/8" O.D. = 3/4"
5/8" O.D. = 1/2"
1/2" O.D. = 3/8"

Coil Connection

FNPT   MNPT
Sweat

TCV Connection Size

½"	¾"	1"
1 ¼"	1 ½"	2"

TCV Connection

MNPT
Sweat

Hoses

No	12"	18"
	24"	36"

Drain Valve

No

5080B

241DV ¼"
241DV ⅜"
241DV ½"

Stem Extensions/PT Port Extensions

No   Yes
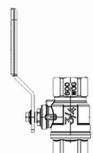
Insulations (for balancing valve only)

No   Yes

Design Flow

Balancing Valve Size	Std Pressure (GPM)		High Pressure (GPM)	
	Min	Max	Min	Max
½"	0.32	3.17	---	---
½" H	2.06	11.4	2.85	15.1
¾" L	0.32	3.17	---	---
¾"	2.06	11.4	2.85	15.1
1"	2.06	11.4	2.85	15.1
1 ¼" L	2.06	11.4	2.85	15.1
1 ¼"	7.3	31.1	9.83	41.2
1 ½"	7.3	31.1	9.83	41.2
2"	7.3	31.1	9.83	41.2
2" H	25.4	127	---	---

Automatic Air Vent

No

9390N ¼"
9390N ⅜"
9390N ½"
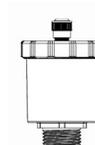
Multiple configurations available.
Product will be seal packed and labeled per the mechanical schedule provided.
For additional information on Gruvlok bag and tag coil kit service, contact an
ASC Engineered Solutions Representative.

GRUVLOK
An ASC Engineered Solution

PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Standard Coil Hook Up Kit Configurations
Fig. A2W

Component Information

92ST Combination ball valve / Y–strainer with blow down valve and PIT port, Full Port, DZR brass body, Chrome plated brass ball, 20 mesh SS screen, 400# WOG, 260° F

92HS Flexible Hoses, MNPT fixed end x swivel end, EPDM core, SS Braided, EPDM gaskets, 350# WOG (300# WOG for 1 1/2"– 2"), 250° F

92UN Union with manual air vent and P/T port, DZR brass body, EPDM a–ring, 400# WOG, 260° F

9907IBV Automatic balancing valve with union ends and P/T ports, Isolation ball valve, DZR brass body, EPDM a–rings, Chrome plated brass ball, Includes DZR brass / SS flow cartridge, 300# WOG, 260°F

Flow Range

Balancing Valve Size	Std Pressure (GPM)		High Pressure (GPM)	
	Min	Max	Min	Max
½"	0.32	3.17	---	---
½" H	2.06	11.4	2.85	15.1
¾" L	0.32	3.17	---	---
¾"	2.06	11.4	2.85	15.1
1"	2.06	11.4	2.85	15.1
1 ¼" L	2.06	11.4	2.85	15.1
1 ¼"	7.3	31.1	9.83	41.2
1 ½"	7.3	31.1	9.83	41.2
2"	7.3	31.1	9.83	41.2
2" H	25.4	127	---	---

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