



# VLFT.EX5114 - Special System Water Control Valves, Deluge Type

## Special System Water Control Valves, Deluge Type

See General Information for Special System Water Control Valves, Deluge Type

**OCV CONTROL VALVES**

EX5114

7400 E 42ND PL  
TULSA, OK 74145-4702 USA

Model	Body Type	Nominal Pipe Size, NPS	End Configuration*	Max Rated Pressure, psig	Trim Configuration Type+,**	Installed Position
<b>Deluge sprinkler system</b>						
30CU, 30U	Globe	2	T by T	375	Wet pilot line	V, H
					Electric actuation	
					Pneumatic actuation	
					Electro- Pneumatically actuated	
					Electro- Pneumatically actuated	
					Electro- Hydraulically actuated	
30AU	Angle				All trims described above may include pressure reducing trim (outlet range 50-300 psig)	
30CU, 30U	Globe	2, 2-1/2, 3, 4, 6, 8	G by G, F by F	375	Wet pilot line	V, H
					Electric actuation	
					Pneumatic actuation	
					Electro- Pneumatically actuated	
					Electro- Hydraulically actuated	
30AU	Angle				All trims described above may include pressure reducing trim (outlet range 50-300 psig)	
30CU, 30U	Globe	10,12	G by G, F by F	300	Wet pilot line	V, H
					Electric actuation	
					Pneumatic actuation	
					Electro- Pneumatically actuated	

30AU	Angle				Electro- Hydraulically actuated	
30AU	Angle	10,12	G by G, F by F	300	Wet pilot line	V, H
					Electric actuation	
					Pneumatic actuation	
					Electro- Pneumatically actuated	
					Electro- Hydraulically actuated	
68	Globe	2, 2-1/2, 3, 4, 6, 8, 10	G by G, F by F	375	Wet pilot line	V, H
					Electric actuation	
					Pneumatic actuation	
					Electro- Pneumatically actuated	
					Electro- Hydraulically actuated	
					All trims described above may include pressure reducing trim (outlet range 50-300 psig)	
65FC	Globe	3, 4, 6, 8, 10	G by G, F by F	250	Dry pilot line	V, H
					Electric actuation	
					Electro- Pneumatically actuated	
					Electro- Hydraulically actuated	
74FC	Globe	3,4,6,8,10	G by G, F by F	250	Wet pilot line	V, H
					Electric actuation	
					Electro- Pneumatically actuated	
					Electro- Hydraulically actuated	
116FC	Globe	3,4,6,8,10	G by G, F by F	250	Pneumatic-Hydraulic actuated	V, H
116-3FC	Globe	3,4,6,8,10	G by G, F by F	250	Electro-Pneumatically actuated	V, H
116-4FC	Globe	3,4,6,8,10	G by G, F by F	175	Electric actuation	V, H
216FC	Globe	3,4,6,8,10	G by G, F by F	250	Pneumatic actuation	V, H
216-3FC	Globe	3,4,6,8,10	G by G, F by F	250	Electro-Pneumatically actuated	V, H
216-4FC	Globe	3,4,6,8,10	G by G, F by F	175	Electric actuation	V, H

The Model 30AU, 30CU, 30U and 68 deluge valve may be supplied with the following control trims: DE\EL, DE\EL-MR, DE\RC, DE\RC-MR, DE\RCL, DE\PORV, DE\PORV-MR, DE\EL\PORV, DE\EL\PORV-MR, DE\HM, DE\HM-MR, DE\HRV, DE\HRV-MR, DE\EL\HRV, DE\EL\HRV-MR and DE\RCE. The height of the hydraulic pilot line above the DE\HM valve is limited as shown in the manufacturer's installation instructions.

The Model 30AU, 30CU, 30U and 68 deluge valve with pressure reducing trim may be supplied with the following control trims: DE\EL\PR, DE\RC\PR, DE\RCL\PR, DE\PORV\PR, DE\EL\PORV\PR, DE\HRV\PR, DE\EL\HRV\PR, DE\PORV\PR-MR, DE\EL\PORV\PR-MR, DE\HRV\PR-MR, and DE\EL\HRV\PR-MR.

Model	Body Type	Nominal Pipe Size, NPS	End Configuration*	Max Rated Pressure, psig	Trim Configuration Type+,**	Installed Position
<b>Preaction sprinkler system</b>						
30CU, 30U	Globe	2	T by T	375	Non-interlock w/ pneumatic actuation	V,H
					Single interlock w/ electric actuation	
					Single interlock w/ pneumatic actuation	
					Single interlock w/ hydraulic actuation	
					Double interlock w/ electric-pneumatic actuation	
					Double interlock w/ electric-electric actuation	
30AU	Angle				All trims described above may include pressure reducing trim (outlet range 50-300 psig)	
30CU, 30U	Globe	2, 2-1/2, 3, 4, 6, 8	G by G, F by F	375	Non-interlock w/ pneumatic actuation	V, H
					Single interlock w/ electric actuation	
					Single interlock w/ pneumatic actuation	
					Single interlock w/ hydraulic actuation	
					Double interlock w/ electric-pneumatic actuation	
					Double interlock w/ electric-electric actuation	
30AU	Angle				All trims described above may include pressure reducing trim (outlet range 50-300 psig)	
30CU, 30U	Globe	10,12	G by G, F by F	300	Non-interlock w/ pneumatic actuation	V, H
					Single interlock w/ electric actuation	
					Single interlock w/ pneumatic actuation	
					Single interlock w/ hydraulic actuation	
					Double interlock w/ electric-pneumatic actuation	
30AU	Angle				Double interlock w/ electric-electric actuation	
68	Globe	2, 2-1/2, 3, 4, 6, 8,10	G by G, F by F	375	Non-interlock w/ pneumatic actuation	V, H

					Single interlock w/ electric actuation
					Single interlock w/ pneumatic actuation
					Single interlock w/ hydraulic actuation
					Double interlock w/ electric-pneumatic actuation
					Double interlock w/ electric-electric actuation
					All trims described above may include pressure reducing trim (outlet range 50-300 psig)

\* End configurations are intended to be installed on systems not exceeding end configurations' working capabilities.

\*\* -The Model 30AU, 30CU, 30U and 68 pre-action type valve may be supplied with the following control trims: DE\HM, DE\HM-MR, DE\HRV, DE\HRV-MR, DE\EL, DE\EL-MR, DE\RC, DE\RC-MR, DE\RCL, DE\RCE, DE\EL\HRV, DE\EL\HRV-MR, DE\PORV, DE\PORV-MR, DE\EL\PORV, DE\EL\PORV-MR, DE\EL\PORV\DN and DE\EL\PORV\DN-MR. The height of the hydraulic pilot line above the DE\HM valve is limited as shown in the manufacturer's installation instructions.

\*\* -The Model 30AU, 30CU, 30U and 68 pre-action type valve may be supplied with the following pressure reducing control trims: DE\EL\PR, DE\RC\PR, DE\RCL\PR, DE\PORV\PR, DE\EL\PORV\PR, DE\HRV\PR, DE\EL\PORV\PR\DN, DE\EL\HRV\PR, DE\PORV\PR-MR, DE\EL\PORV\PR-MR, DE\EL\PORV\PR\DN-MR, DE\HRV\PR-MR, DE\EL\HRV\PR-MR.

The Models 30U, 30AU, 30CU and 68, valves can be equipped with the following optional accessories: Hazardous location solenoid valves, Visual Position Indicator stem with or without Electric or Magnetic /Inductive type proximity/Limit Switch and Hazardous location proximity/Limit Switch.

F - Flanged

G - Grooved

T - Threaded


H - Horizontal orientation

V - Vertical orientation

+ - All trim configuration types shall include a manual release.

For accessories used with these valves, see listing under "Accessories for special systems".

Authorities having jurisdiction should be consulted before installation.

Trademark and/or Tradename: 

Last Updated on 2020-04-23

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"