

# The Kennedy Guardian



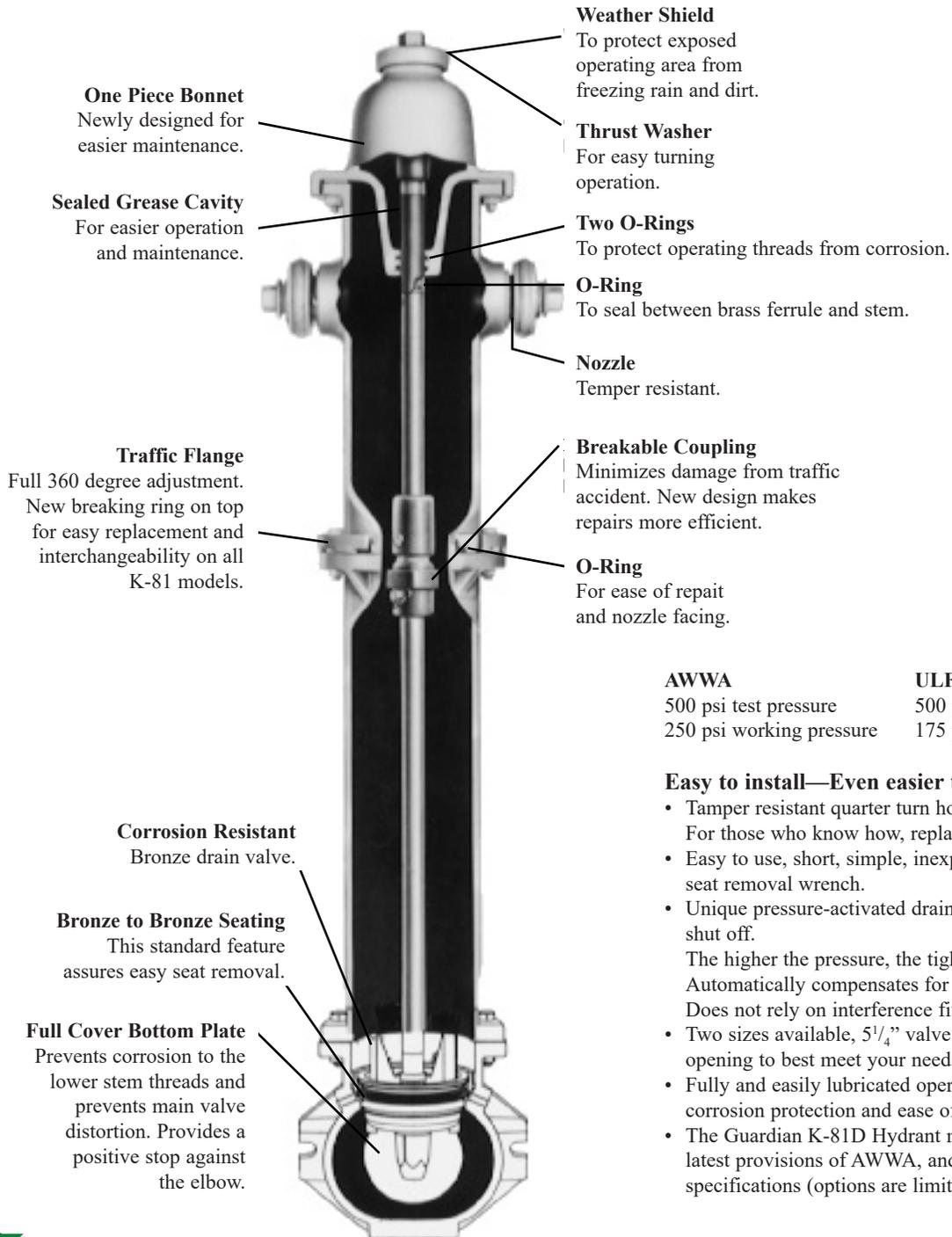
Fire hydrants have been used in fire protection for over 100 years. A.W.W.A. C502 was developed in 1913 as a standard for the manufacture and use of dry barrel hydrants. Kennedy has established itself as a leader in the industry with manufacturing experience dating back to 1905. Many of the early hydrants are in use today.

Kennedy's most recent design is the Guardian. Based on a simple design, it is easy to install, maintain and repair. The Guardian sets a standard for quality in the industry and meets or exceeds all requirements for A.W.W.A. C502 latest revision, and is UL listed and FM approved.

K81D Meets or exceeds requirements of A.W.W.A. C-502 and is UL listed and FM approved.

K-81A Meets or exceeds requirements of A.W.W.A. C-502.

## Guardian Features

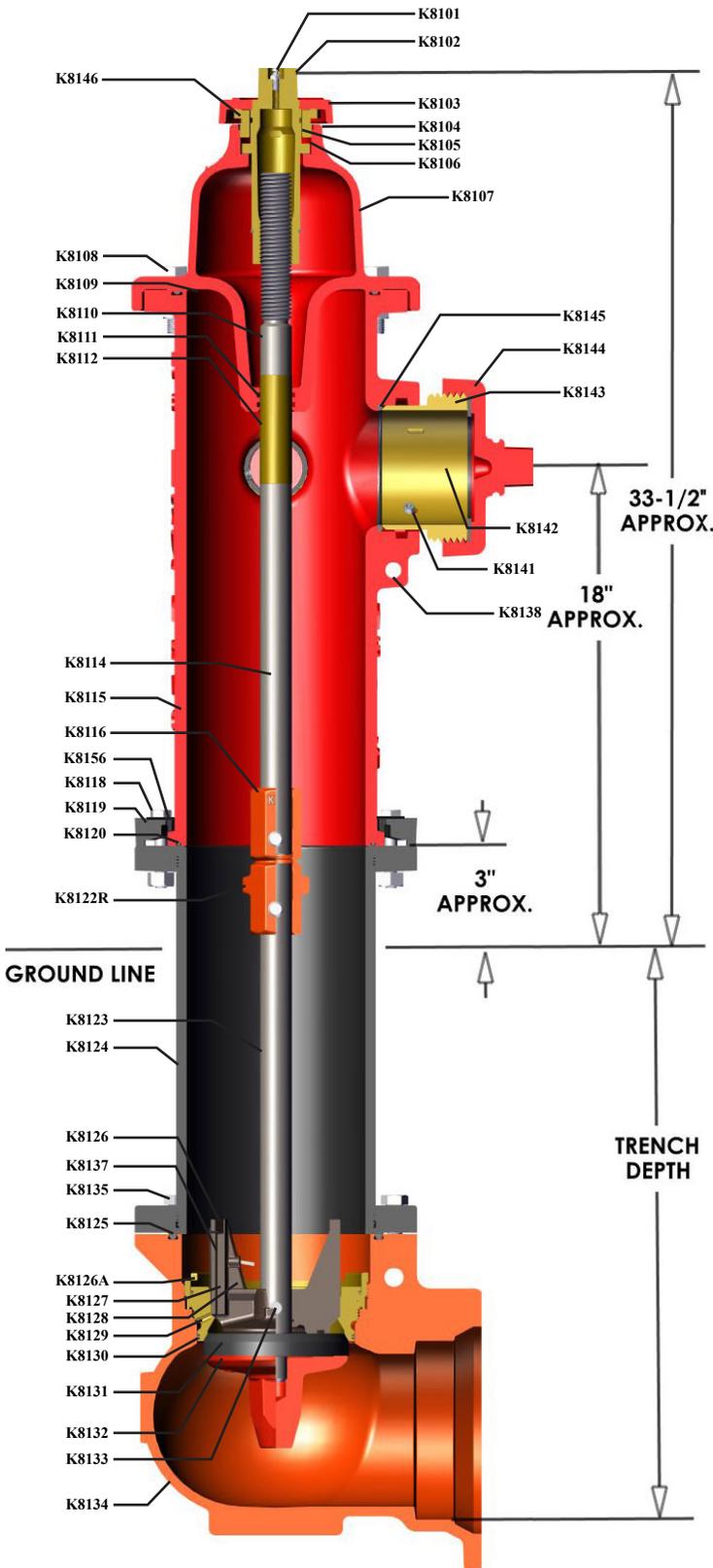


AWWA	ULFM
500 psi test pressure	500 psi test pressure
250 psi working pressure	175 psi working pressure

### Easy to install—Even easier to maintain

- Tamper resistant quarter turn hose and steamer nozzles. For those who know how, replacement is easy.
- Easy to use, short, simple, inexpensive and lightweight seat removal wrench.
- Unique pressure-activated drain valve assures positive shut off. The higher the pressure, the tighter the seal. Automatically compensates for wear due to usage. Does not rely on interference fit.
- Two sizes available, 5<sup>1</sup>/<sub>4</sub>" valve opening and 4<sup>1</sup>/<sub>2</sub>" valve opening to best meet your needs.
- Fully and easily lubricated operating threads for corrosion protection and ease of operation.
- The Guardian K-81D Hydrant meets or exceeds all the latest provisions of AWWA, and UL 246-FM 1510 specifications (options are limited on UL/FM models)

# Guardian K81D Technical / Dimensional Data (AWWA-UL/FM)



DETAIL & PART	MATERIAL	ASTM SPEC (or as stated)
K8101	ALEMITE FITTING	STAINLESS STEEL A276 (304)
† K8102	OPERATING STEM NUT	BRONZE B584 C87850
K8103	DIRT SHIELD	CAST IRON A126 CLASS B
K8104	STEM LOCK NUT	BRONZE B584 C87850
† K8105	O-RING	BUNA-N (SYN. RUBBER) D2000
† K8106	THRUST WASHER	NYLATRON GS MIL LP-410
K8107	HYDRANT CAP	CAST IRON A126 CLASS B
K8108	CAP BOLTS & NUTS	STAINLESS STEEL F593C/F594
† K8109	CAP O-RING	BUNA-N (SYN. RUBBER) D2000
* K8110	STEM FERRULE	BRASS B135 C26000
† K8111	O-RING	BUNA-N (SYN. RUBBER) D2000
* K8112	O-RING	BUNA-N (SYN. RUBBER) D2000
K8114	UPPER STEM	C.R. STEEL A108
K8115	UPPER BARREL	CAST IRON A126 CLASS B
K8116	STEM BREAKING COUPLING	CAST IRON A126 CLASS B
K8118	BOLTS & NUTS	STAINLESS STEEL F593C/F594
K8119	BREAKING RING	CAST IRON A126 CLASS B
K8120	O-RING	BUNA-N (SYN. RUBBER) D2000
K8122R	COUPLING PINS	STAINLESS STEEL 410
K8123	LOWER STEM	C.R. STEEL A108
K8124	LOWER BARREL	DUCTILE IRON ANSI 21.50, 21.51
† K8125	ELBOW O-RING	BUNA-N (SYN. RUBBER) D2000
† K8126A	O-RING	BUNA-N (SYN. RUBBER) D2000
* K8127	SEAT RING INSERT	BRONZE B584/C87850
† K8128	SEAT RING	BRONZE B584/C87850
K8129	DRAIN TUBE	BRASS B135 C23000
† K8130	O-RING	BUNA-N (SYN. RUBBER) D2000
† K8131	MAIN VALVE	EPDM
K8132	BOTTOM PLATE	CAST IRON A126 CLASS B
K8133	DRAIN VALVE PIN	STAINLESS STEEL 410/416
K8134	ELBOW	DUCTILE IRON A536 10 70 50 05
K8135	ELBOW BOLTS AND NUTS	STEEL-302/304 STAINLESS ASTM F593
K8136	DRAIN VALVE	BRONZE B806 C95400/C95500
† K8137	DRAIN VALVE FACING W/INSERT	BUNA-N W/STAINLESS STEEL D2000/A276 (304)
K8138	NOZZLE CHAIN 'S' HOOK	STEEL A108
K8139	NOZZLE CAP CHAIN	STEEL A108
K8140	NOZZLE CHAIN BAND	STEEL A108
† K8141	NOZZLE RETAINING SCREW	STAINLESS STEEL A276 (304)
# K8142	NOZZLE: HOSE / STEAMER	BRONZE B806C95400/B584C87850
†# K8143	NOZZLE CAP GASKET	RUBBER D2000 TYPE AA
# K8144	NOZZLE CAP	CAST IRON A126 CLASS B
†# K8145	O-RING	BUNA-N (SYN. RUBBER) D2000
K8146	ALLEN HEAD SET SCREW	STAINLESS STEEL A276 (410)
K8147	SEAT REMOVAL WRENCH	
K8148	NOZZLE REMOVAL TOOLS	
† K8149	COLLISION REPAIR KIT	
K8150	GRADE EXTENSION KIT	
K8156	BREAKING RING STRAPS	

\* Denotes that part is available only as part of an assembly  
 # Must specify type of Nozzle, Hose or Steamer.  
 † Recommended spare parts.

**NOTE: Also available in DI 350 PSI.**

## Accessories

MARKINGS	STYLE	SHOE SIZE	A	
FRONT: YEAR KENNEDY ELMIRA, N.Y.	BACK: K.V. MONOGRAM KENNEDY ELMIRA, N.Y.	M.J.	4	7 3/4
SIZE TYPE 250CWP	SIZE UL/FM 250	M.J.	6	8
		Flange	4	7 7/8
		Flange	6	8 1/8
		Tyson	6	9

Contact Factory for UL/FM Limitations

Tyton ends available only in 5 1/4" Main Valve Hydrants.  
 4" shoe dimensions apply to 4 1/2" Main Valve Hydrants only.

