

FM7™ Unilet® Conduit Outlet Bodies and Covers Wiring Capacity

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

Fittings: CONDUIT BODIES

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Capacity (in³/dm³)											
Hub Size (Inches)	C	E	LB	LL LR	L	T	TA	TB	X	Stamped Cover	Cast Cover
FM7™ Grayloy™-Iron Bodies and Covers: Threaded											
1/2	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	5.00/ 0.08	6.00/ 0.10	6.00/ 0.10	6.00/ 0.10	6.00/ 0.10	0.30/ 0.00	0.40/ 0.01
3/4	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	9.00/ 0.15	10.00/ 0.16	10.00/ 0.16	10.00/ 0.16	10.00/ 0.16	0.50/ 0.01	0.80/ 0.01
1	11.00/ 0.18	11.00/ 0.18	11.00/ 0.18	11.00/ 0.18	13.50/ 0.22	15.50/ 0.25	15.50/ 0.25	15.50/ 0.25	15.50/ 0.25	1.30/ 0.02	1.30/ 0.02
1-1/4	20.00/ 0.33	—	20.00/ 0.33	20.00/ 0.33	22.50/ 0.37	20.00/ 0.33	20.00/ 0.33	20.00/ 0.33	20.00/ 0.33	1.80/ 0.03	2.00/ 0.03
1-1/2	28.00/ 0.46	—	28.00/ 0.46	28.00/ 0.46	31.00/ 0.51	28.00/ 0.46	28.00/ 0.46	28.00/ 0.46	28.00/ 0.46	2.30/ 0.04	3.00/ 0.05
2	50.00/ 0.82	—	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	2.80/ 0.05	4.80/ 0.08
2-1/2	102.00/ 1.67	—	102.00/ 1.67	102.00/ 1.67	—	102.00/ 1.67	—	—	—	9.80/ 0.16	9.70/ 0.16
3	133.00/ 2.18	—	133.00/ 2.18	133.00/ 2.18	—	133.00/ 2.18	—	—	—	9.80/ 0.16	9.70/ 0.16
3-1/2	—	—	218.00/ 3.57	218.00/ 3.57	—	218.00/ 3.57	—	—	—	16.50/ 0.27	16.00/ 0.26
4	—	—	244.00/ 4.00	244.00/ 4.00	—	244.00/ 4.00	—	—	—	16.50/ 0.27	16.00/ 0.26
FM7™ Aluminum Bodies and Covers: Threaded											
1/2	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	—	6.00/ 0.10	—	6.00/ 0.10	6.00/ 0.10	0.30/ 0.005	0.40/ 0.007
3/4	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	—	10.00/ 0.16	—	10.00/ 0.16	10.00/ 0.16	0.50/ 0.008	0.80/ 0.01
1	11.00/ 0.18	11.00/ 0.18	11.00/ 0.18	11.00/ 0.18	—	15.50/ 0.25	—	15.50/ 0.25	15.50/ 0.25	1.30/ 0.02	1.30/ 0.02
1-1/4	20.00/ 0.33	—	20.00/ 0.33	20.00/ 0.33	—	20.00/ 0.33	—	20.00/ 0.33	20.00/ 0.33	1.80/ 0.03	2.00/ 0.03
1-1/2	28.00/ 0.46	—	28.00/ 0.46	28.00/ 0.46	—	28.00/ 0.46	—	28.00/ 0.46	28.00/ 0.46	2.30/ 0.04	3.00/ 0.05
2	50.00/ 0.82	—	50.00/ 0.82	50.00/ 0.82	—	50.00/ 0.82	—	50.00/ 0.82	50.00/ 0.82	2.80/ 0.05	4.80/ 0.08
2-1/2	102.00/ 1.67	—	102.00/ 1.67	102.00/ 1.67	—	102.00/ 1.67	—	—	—	9.80/ 0.16	9.70/ 0.16
3	133.00/ 2.18	—	133.00/ 2.18	133.00/ 2.18	—	133.00/ 2.18	—	—	—	9.80/ 0.16	9.70/ 0.16
3-1/2	—	—	218.00/ 3.57	218.00/ 3.57	—	218.00/ 3.57	—	—	—	16.50/ 0.27	16.00/ 0.26
4	—	—	244.00/ 4.00	244.00/ 4.00	—	244.00/ 4.00	—	—	—	16.50/ 0.27	16.00/ 0.26

FM7™ Form-IN-Place Covers with Integral Gaskets

For FM7™ Unilet® Conduit Outlet Bodies.

Class I, Division 2
NEMA 3R

Applications

- Cover with integral gasket for FM7 conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- Wedge-Lok™ clips (FM7 only) provide superior screwdriver torque and cover seating.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".

Standard Materials

- Stamped steel
- Stamped aluminum
- Cast grayloy-iron
- Cast aluminum

Certifications and Compliances

- UL Listed: E2527
- CSA Certified: 65183, Class 4413-02



Fittings

FITTINGS: CONDUIT BODIES

Hub Size (Inches)	Stamped Steel	Stamped Aluminum	Cast Grayloy-Iron	Cast Aluminum
				
1/2	APP170IG	APP170IGSA	APP170FIG	APP170FIGSA
3/4	APP270IG	APP270IGSA	APP270FIG	APP270FIGSA
1	APP370IG	APP370IGSA	APP370FIG	APP370FIGSA
1-1/4	APP470IG	APP470IGSA	APP470FIG	APP470FIGSA
1-1/2	APP570IG	APP570IGSA	APP570FIG	APP570FIGSA
2	APP670IG	APP670IGSA	APP670FIG	APP670FIGSA
2-1/2 & 3	APP870IG	APP870IGSA	APP870FIG	APP870FIGSA
3-1/2 & 4	APP970IG	APP970IGSA	APP970FIG	APP970FIGSA

FM7™ Unilet® Conduit Outlet Bodies and Covers Wiring Capacity

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Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

Capacity (in³/dm³)											
Hub Size (Inches)	C	E	LB	LL LR	L	T	TA	TB	X	Stamped Cover	Cast Cover
FM7™ Grayloy™-Iron Bodies and Covers: Threaded											
1/2	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	5.00/ 0.08	6.00/ 0.10	6.00/ 0.10	6.00/ 0.10	6.00/ 0.10	0.30/ 0.00	0.40/ 0.01
3/4	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	7.00/ 0.11	9.00/ 0.15	10.00/ 0.16	10.00/ 0.16	10.00/ 0.16	10.00/ 0.16	0.50/ 0.01	0.80/ 0.01
1	11.00/ 0.18	11.00/ 0.18	11.00/ 0.18	11.00/ 0.18	13.50/ 0.22	15.50/ 0.25	15.50/ 0.25	15.50/ 0.25	15.50/ 0.25	1.30/ 0.02	1.30/ 0.02
1-1/4	20.00/ 0.33	—	20.00/ 0.33	20.00/ 0.33	22.50/ 0.37	20.00/ 0.33	20.00/ 0.33	20.00/ 0.33	20.00/ 0.33	1.80/ 0.03	2.00/ 0.03
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2	50.00/ 0.82	—	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	50.00/ 0.82	2.80/ 0.05	4.80/ 0.08
2-1/2	102.00/ 1.67	—	102.00/ 1.67	102.00/ 1.67	—	102.00/ 1.67	—	—	—	9.80/ 0.16	9.70/ 0.16
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3-1/2	—	—	218.00/ 3.57	218.00/ 3.57	—	218.00/ 3.57	—	—	—	16.50/ 0.27	16.00/ 0.26
4	—	—	244.00/ 4.00	244.00/ 4.00	—	244.00/ 4.00	—	—	—	16.50/ 0.27	16.00/ 0.26
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1/2	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	4.00/ 0.07	—	6.00/ 0.10	—	6.00/ 0.10	6.00/ 0.10	0.30/ 0.005	0.40/ 0.007
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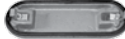
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3-1/2 & 4	APP970IG	APP970IGSA	APP970FIG	APP970FIGSA