

CONDUIT MOUNTED SUBMERSIBLE JUNCTION BOXES U.L. & CSA

PEM Junction Boxes are of cast bronze, stainless steel fitted and with a Neoprene cover gasket. They are NPT tapped for mounting upon PEM J60 Series Pool Conduits. Outlets are NPT tapped for PEM 1/2" or 3/4" NPT Cordseals and for Internal and External ground (earth) connections.

PEM Junction Boxes must be installed in conformance with all applicable electrical codes. For NEMA installations, the junction box cavity must be filled with a UL listed compound (3M or other). All supply conduits into a pool must be self draining in a visible location outside of the pool. All threaded conduit connection(s) as well as all cordseals must be installed with an approved watersealing thread seal.

ALL TAPPINGS ARE NPT UNLESS SPECIFIED OTHERWISE.

All Boxes have 1 (one) internal ground (earth) connection for each conduit connection & 1 (one) external ground connection

Conduit number and size must be specified. Outlets must be specified as to number and size (1/2" or 3/4").

Orders without outlet specifications will be supplied with maximum number of 1/2" NPT outlets. Unused openings must be closed with brass or stainless steel NPT threaded plugs.

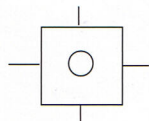
J 1



#363-1110, CSA / UL
Max. 2 x 1/2" Outlets
1 x Max. 3/4" Conduit

#363-1120*
1 x 3/4" Outlet
1 x Max. 3/4" Conduit

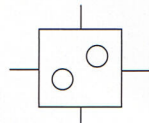
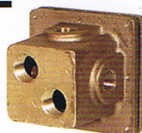
J 2



#363-1210, CSA / UL
Max. 4 x 1/2" Outlets
1 x Max. 3/4" Conduit

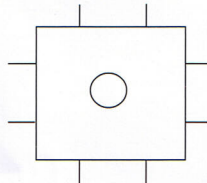
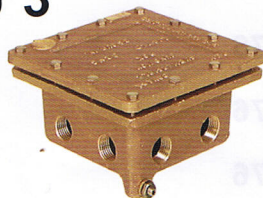
#363-1220*
Max. 4 x 3/4" Outlets
1 x Max. 3/4" Conduit

J 2-2



#363-1310, CSA / UL
Max. 4 x 1/2" Outlets
2 x Max. 3/4" Conduits

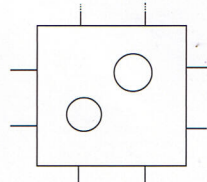
J 3



#363-1410, CSA / UL
Max. 8 x 1/2" Outlets
Max 1 x 1" Conduit

#363-1420*
Max. 4 x 3/4" Outlets
Max. 2 x 1" Outlets
1 x Max. 1" Conduit

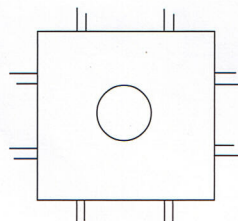
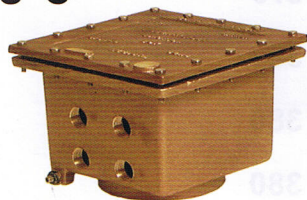
J 4



#363-1510, CSA / UL
Max. 8 x 1/2" Outlets
2 x Max. 1" Conduit

#363-1520*
Max. 4 x 3/4" Outlets
2 x Max. 1" Conduit

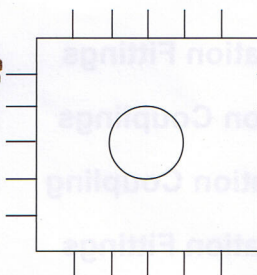
J 5



#363-1610, CSA / UL
Max. 16 x 1/2" Outlets
Max. 1 x 2" Conduit

#363-1620*
Max. 8 x 3/4" Outlets
1 x Max. 3" Conduit

J 6



#363-1710, CSA / UL
Max. 20 x 1/2" Outlets
1 x Max. 2" Conduit

#363-1720*
Max. 12 x 3/4" Outlets
Max. 1 x 4" Conduit

#363-1730*
Max. 4 x 1 1/2" Outlets
Max. 1 x 4" Conduit

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Dimensions

(OD) : Outside Dimensions

PEM	Length (OD)	Width (OD)	Height (OD)	Cubic Content
J1	108mm 4.25"	83mm 3.25"	83mm 3.25"	160 cm3 11.0 in.3
J2	111mm 4.375"	111mm 4.375"	83mm 3.25"	260 cm3 17.0 in.3
J2-2	111mm 4.375"	111mm 4.375"	83mm 3.25"	279 cm3 17.0 in.3
J3	143mm 5.625"	143mm 5.625"	86mm 3.375"	590 cm3 36.0 in.3
J4	143mm 5.625"	143mm 5.625"	86mm 3.375"	590 cm3 36.0 in.3
J5	179mm 7.0"	179mm 7.0"	140mm 5.5"	1852 cm3 113.0 in.3
J6	203mm 8.0"	203mm 8.0"	114mm 4.5"	2245 cm3 137.0 in.3

In cold freezing climates:

For winterizing submersible lights, do not disconnect but place light fixtures and/or small submersible pump close around box and cover all with a plywood box, bolted to pool floor. Ascertain that the pool can drain off rain & melting snow