

## NEMA Boxes

### UL/NEMA/IEC NBF Series



These gasketed all-plastic enclosures have been designed to meet NEMA 1, 2, 4 and 4x and IEC529-IP66 requirements, which allows them to be used in many wet, dirty and/or corrosive environments.

#### Design Features

- Designed to IP66 of IEC 529 and NEMA 1, 2, 4 and 4x specifications
- All plastic construction including hinge pins
- Comes complete with stainless steel wall mounting brackets and hardware
- Style A has two or three plastic latches
- Style B has two plastic latches and one stainless steel padlockable latch
- **Indoor Versions:**
  - ABS plastic enclosures are molded out of light gray material with UL94-HB flammability rating. (No UL Label)
  - ABS/PC blended plastic enclosures are molded out of light gray material with UL94-5VA flammability rating. Suggested service temperature range -40C to +70C.
  - Clear doors, for all models, are molded out of polycarbonate material with UL94-V0 flammability rating
- **Outdoor Versions:**
  - \*PC/PBT blended plastic enclosures are molded out of light gray material with UL94-5VA flammability rating and UV stabilized
- **3D STEP models available upon request**

PLASTIC BOXES - NBF SERIES														
ABS Version Catalog Number	Indoor Version Catalog Number		Outdoor Version Catalog Number		STYLE	DWGS.	Nominal External Dimensions				Actual Internal Dimensions			Weight LBS.
							Inches [Millimeters]				Inches (+/- 0.06)			
Solid Door	Solid Door	Clear Door	Solid Door	Clear Door			A	B	C	D	E	F	G	
NBF-32002*	NBF-32102*	NBF-32202*	NBF-32302	NBF-32402	A	PDFDXF	5.11 [130mm]	3.93 [100mm]	2.75 [70mm]	1.97 [50mm]	4.55	3.42	2.52	0.6
NBF-32004*	NBF-32104*	NBF-32204*	NBF-32304	NBF-32404	A	PDFDXF	5.9 [150mm]	3.93 [100mm]	2.75 [70mm]	1.97 [50mm]	5.37	3.42	2.52	0.7
NBF-32006*	NBF-32106*	NBF-32206*	NBF-32306	NBF-32406	A	PDFDXF	7.87 [200mm]	3.93 [100mm]	2.75 [70mm]	1.97 [50mm]	7.31	3.42	2.52	0.8
NBF-32008*	NBF-32108*	NBF-32208*	NBF-32308	NBF-32408	A	PDFDXF	10.63 [270mm]	3.93 [100mm]	2.75 [70mm]	1.97 [50mm]	10.02	3.42	2.52	0.8
NBF-32010*	NBF-32110*	NBF-32210*	NBF-32310	NBF-32410	A	PDFDXF	5.9 [150mm]	5.9 [150mm]	3.54 [90mm]	2.76 [70mm]	5.22	5.22	3.31	0.8
NBF-32012*	NBF-32112*	NBF-32212*	NBF-32312	NBF-32412	A	PDFDXF	7.87 [200mm]	5.9 [150mm]	3.93 [100mm]	2.95 [75mm]	7.7	5.73	3.7	1.2
NBF-32014*	NBF-32114	NBF-32214	NBF-32314	NBF-32414	A	PDFDXF	7.71 [200mm]	7.71 [200mm]	5.9 [150mm]	4.72 [120mm]	7.09	7.09	5.67	1.5
NBF-32016*	NBF-32116*	NBF-32216*	NBF-32316	NBF-32416	A	PDFDXF	11.81 [300mm]	7.87 [200mm]	5.11 [130mm]	4.02 [102mm]	11.18	7.2	4.82	2
NBF-32018*	NBF-32118	NBF-32218	NBF-32318	NBF-32418	A	PDFDXF	11.81 [300mm]	7.87 [200mm]	6.29 [160mm]	5.2 [132mm]	11.18	7.2	6	2.7
NBF-32020*	NBF-32120*	NBF-32220*	NBF-32320	NBF-32420	A	PDFDXF	11.81 [300mm]	7.87 [200mm]	7.87 [200mm]	6.81 [173mm]	11.18	7.2	7.58	2.8
NBF-32022*	NBF-32122*	NBF-32222*	NBF-32322	NBF-32422	A	PDFDXF	13.78 [350mm]	9.84 [250mm]	5.9 [150mm]	4.72 [120mm]	12.99	9.06	5.61	3
NBF-32024*	NBF-32124*	NBF-32224*	NBF-32324	NBF-32424	A	PDFDXF	13.78 [350mm]	9.84 [250mm]	7.08 [200mm]	5.91 [150mm]	12.99	9.06	6.8	4.7
NBF-32026*	NBF-32126	NBF-32226	NBF-32326	NBF-32426	A	PDFDXF	15.74 [400mm]	11.81 [300mm]	6.29 [160mm]	5.2 [132mm]	15.14	11.02	5.96	5.6
NBF-32028*	NBF-32128	NBF-32228	NBF-32328	NBF-32428	A	PDFDXF	17.71 [450mm]	13.78 [350mm]	6.29 [160mm]	5.12 [130mm]	16.65	12.64	5.96	6.9
NBF-32030*	NBF-32130	NBF-32230	NBF-32330	NBF-32430	A	PDFDXF	17.71 [450mm]	13.78 [350mm]	7.87 [200mm]	6.69 [170mm]	16.65	12.64	7.54	8.9
NBF-32032*	NBF-32132	NBF-32232	NBF-32332	NBF-32432	A	PDFDXF	19.68 [500mm]	15.74 [400mm]	6.29 [160mm]	5.12 [130mm]	18.82	14.88	5.96	9.6
NBF-32034*	NBF-32134	NBF-32234	NBF-32334	NBF-32434	A	PDFDXF	19.68 [500mm]	15.74 [400mm]	7.87 [200mm]	6.69 [170mm]	18.82	14.88	7.54	10.6
NBF-32036*	NBF-32136	NBF-32236	NBF-32336	NBF-32436	A	PDFDXF	20.86 [530mm]	16.92 [430mm]	6.29 [160mm]	5.12 [130mm]	19.69	15.71	5.96	10.6
NBF-32038*	NBF-32138	NBF-32238	NBF-32338	NBF-32438	A	PDFDXF	20.86 [530mm]	16.92 [430mm]	7.87 [200mm]	6.69 [170mm]	19.69	15.71	7.54	11.7
NBF-32040*	NBF-32140	NBF-32240	NBF-32340	NBF-32440	B	PDFDXF	23.62 [600mm]	19.68 [500mm]	7.08 [200mm]	5.91 [150mm]	23.58	19.69	6.71	13.9
NBF-32042*	NBF-32142	NBF-32242	NBF-32342	NBF-32442	B	PDFDXF	23.62 [600mm]	19.68 [500mm]	9.84 [250mm]	8.66 [220mm]	23.62	19.69	9.47	16.1
NBF-32044*	NBF-32144	NBF-32244	NBF-32344	NBF-32444	B	PDFDXF	27.55 [700mm]	19.68 [500mm]	7.08 [200mm]	5.91 [150mm]	27.52	19.65	6.71	15.8
NBF-32046*	NBF-32146	NBF-32246	NBF-32346	NBF-32446	B	PDFDXF	27.55 [700mm]	19.68 [500mm]	9.84 [250mm]	8.66 [220mm]	27.56	19.69	9.47	18.2

Shaded items are non-stocking. Contact factory for price and availability.

\*These part numbers may not include a UL Label, please contact us for an enclosure quote with a UL label (non stock). For UL Listing needs, select equivalent UL listed version.