

# GENERAL INFORMATION

## ACCESSORIES (for transformers listed in sections 3, 4, 7 and 10)

### ENCLOSURE MOUNTING KITS

If wall and/or ceiling mounting is desired for a transformer, optional mounting kits can be ordered separately. These mounting kits are NOT available for all enclosure case styles. Therefore, it is important that you confirm your enclosure case style, then use the selection table to the right to determine if A) a mounting kit is available and B) determine the correct HPS "Mounting Kit" part number that you must order. One kit is required for each transformer.

**Note:** Some of the mounting kits can be used for both wall and ceiling mount, while others are for wall mounting only. The table indicates which mounting methods are available for each kit. The NW2 wall/ceiling mounting kit also includes a drip plate.

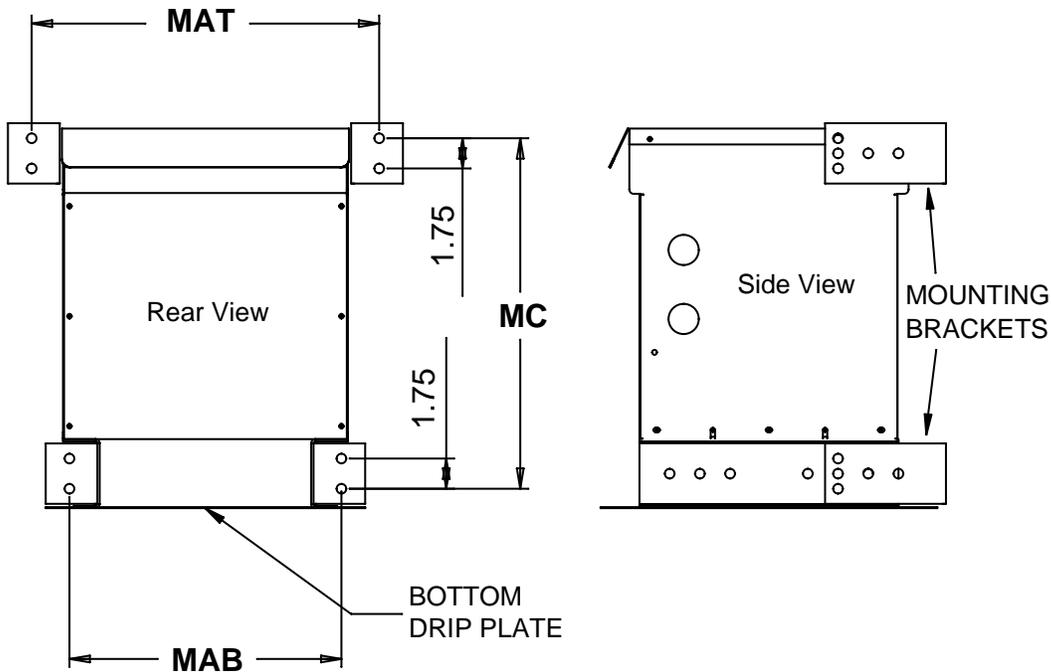
**The NW2 wall/ceiling mounting kit is only designed for units up to 750 pounds (341 kg) maximum.**

Enclosure Case Style	Wall Mount Available	Ceiling Mount Available	HPS Mounting Kit P/N
N1	No	No	N/A
N2	No	No	N/A
NH3	Yes	Yes	NW2
NH4	No	No	N/A
NH5	Yes	Yes	NH5DP
NH6	Yes	Yes	NH6DP
NJ Series	No	No	N/A

### NW2 WALL/CEILING MOUNTING KITS

The following drawings detail the wall and ceiling mounting dimensions required and method by which the NW2 kits are installed on the NH3 enclosures.

### NW2 WALL MOUNT - MOUNTING DIMENSIONS



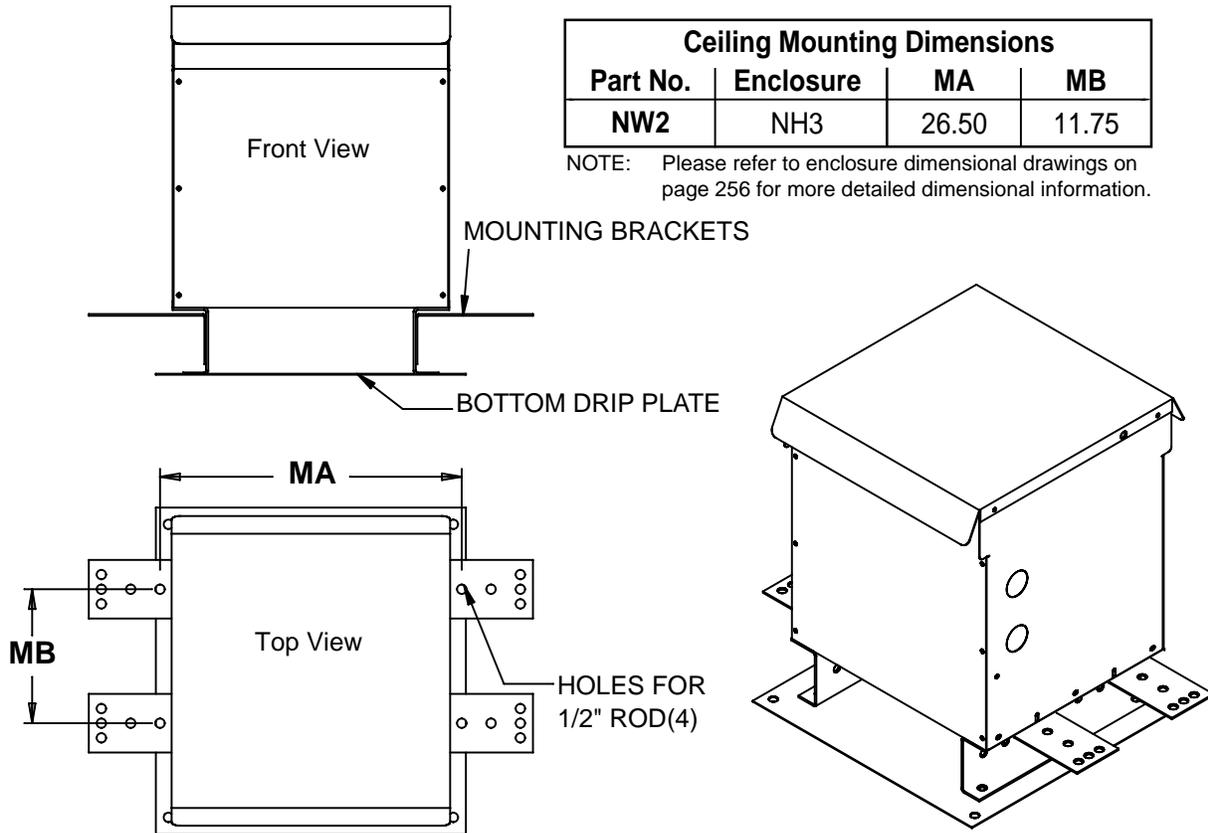
Wall Mounting Dimensions				
Part No.	Enclosure	MAT	MAB	MC
NW2	NH3	29.375	23.50	36.50

NOTE: Please refer to enclosure dimensional drawings on page 256 for more detailed dimensional information.

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### NW2 CEILING MOUNT - MOUNTING DIMENSIONS



Ceiling Mounting Dimensions			
Part No.	Enclosure	MA	MB
NW2	NH3	26.50	11.75

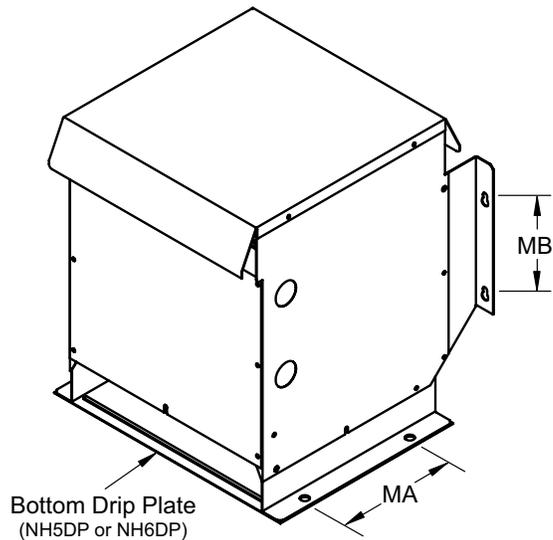
NOTE: Please refer to enclosure dimensional drawings on page 256 for more detailed dimensional information.

### NH5DP & NH6DP WALL/CEILING MOUNTING KITS

The NH5 and NH6 enclosures are designed with integral wall mounting capabilities. However, when you wall mount them, you must also install the bottom drip plate as shown below. The "MB" dimensions listed in the table below indicate the location for the wall mounting hardware.

For ceiling mounting of the NH5 and NH6, refer to the "MA" dimensions listed in the table below and hang the enclosure using appropriate sized ceiling hanger rods. However, you must be sure to install the bottom drip plate to the bottom of the enclosure, then bring the hanger rod down through both the enclosure bottom mounting holes and through the drip plate mounting holes and install mounting hardware.

**NOTE: Do not ceiling mount either the NH5 or NH6 enclosures without installing the bottom drip plate.** All mounting hardware should be rated Grade 8 or higher.



Mounting Kit P/N	Enclosure Style	MA Dimension	MB Dimension
NH5DP	NH5	9.00	7.00
NH6DP	NH6	9.00	8.00

NOTE: Please refer to enclosure dimensional drawings on page 256 for more detailed dimensional information.

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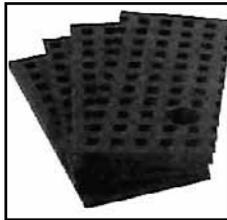
## ACCESSORIES (for transformers listed in sections 3, 4, 7 and 10)

### ANTI-VIBRATION PAD AND VIBRATION ISOLATOR KITS

All standard transformers come with installed internal vibration absorbing pads to minimize noise during operation. Optional external “anti-vibration” pad and “vibration isolator” (for higher noise dampening) kits can be used to reduce operating noise even further. All are resistant to industrial contaminants like oils, acids and alkalis.

#### ANTI-VIBRATION PAD KITS

Part No.	Case Style	Description
P1	NH Series	Set of four (4) rubber anti-vibration pads which replace the standard steel enclosure washers.
P2	NJ Series	



All Anti-Vibration Pad kits and Vibration Isolator kits contain a set of four (4) pads or isolators. Therefore only one kit is required per transformer.

#### VIBRATION ISOLATOR KITS

Part No.	Transformer Weight (Lb)	Description
NMP1	Up to 340 lbs	Set of four (4) molded neoprene and steel plate assemblies that virtually eliminate vibration noise between the transformer and the mounting surface.
NMP2	341 to 680 lbs	
NMP3	681 to 1040 lbs	
NMP4	1041 to 1740 lbs	
NMP5	1741 to 2330 lbs	
NMP6	2331 to 3450 lbs	
NMP7	3451 to 4690 lbs	



## ACCESSORIES (for transformers listed in sections 8 and 9)

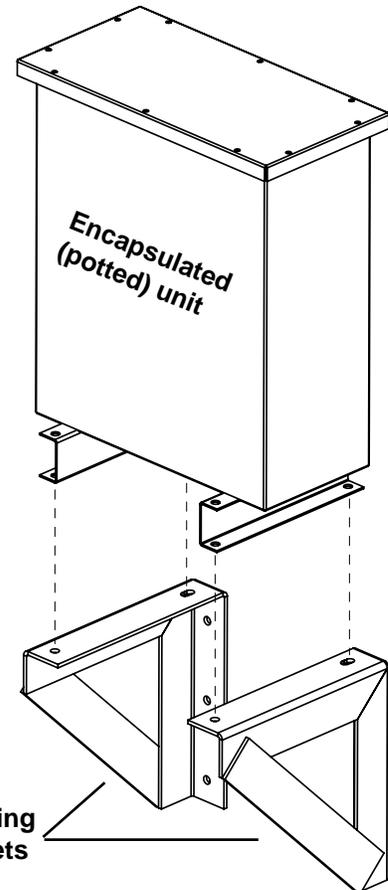
### NQTW1 and NQTW2 Wall Mounting Kits

The **NQTW1** and **NQTW2** wall mounting kits are specifically designed for HPS commercial or industrial encapsulated (potted) distribution transformer units up to a maximum of 45kVA or 800 pounds (363 kg). These mounting kits are designed for encapsulated (potted) units only, no drip plate is included/required. Please contact HPS customer service if you have any questions.

**Note:** Always measure and secure mounting brackets to the wall surface first, then lift the transformer (using appropriate lifting equipment) onto the brackets and attach using minimum Grade 8 hardware.

Enclosure Case Style	Mounting Type	Wall Mounting Kit Part Number
NQ0-NQ8	Wall	Included
NQS10	Wall or Floor	NQTW2
NQT3-NQT6	Wall	Included
NQT7-NQT8	Wall or Floor	NQTW1
NQT9A	Floor	N/A
NQT9*	Wall or Floor	NQTW2

\*Applies to HPS Fortress line only.



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## ACCESSORIES (for transformers listed in sections 8 and 9)

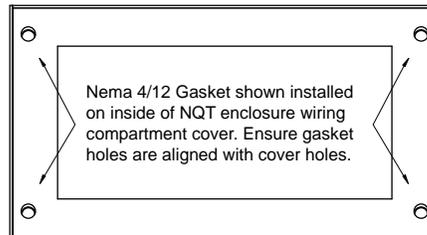
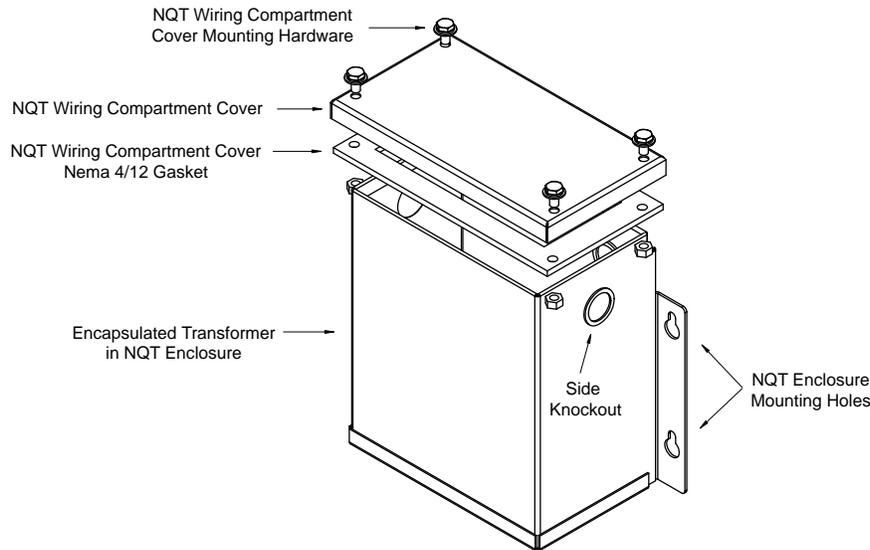
### NQT ENCLOSURE SERIES NEMA 4/12 GASKET KITS

The following options and accessories offered are available on all standard and custom three phase HPS Titan® industrial encapsulated distribution transformers for harsh environments and hazardous locations (see section 8), HPS Fortress™ commercial encapsulated distribution transformers (see section 8) and encapsulated autotransformers (see section 9).

### Optional NEMA 4/12 Gasket Kits

Standard NEMA 3R rated NQT enclosures can easily be converted to a NEMA 4 or 12 rating by ordering and installing the appropriate gasket kit as listed in the table below.

<u>Enclosure Style</u>	<u>Gasket Kit P/N</u>	<u>Enclosure Style</u>	<u>Gasket Kit P/N</u>
NQT2	<b>NQT2GK</b>	NQT8	<b>NQT8GK</b>
NQT3	<b>NQT3GK</b>	NQT9	<b>NQT9GK</b>
NQT4	<b>NQT4GK</b>	NQT9A	<b>NQT9AGK</b>
NQT5	<b>NQT5GK</b>	NQT10	<b>NQT10GK</b>
NQT6	<b>NQT6GK</b>	NQT11	<b>NQT11GK</b>
NQT7	<b>NQT7GK</b>		



### Optional Stainless Steel Enclosures

Optional NEMA 4 and 12 rated stainless steel enclosures for encapsulated transformers are identical to the standard steel enclosure designs but are designed using either type 304 or 316 stainless steel in accordance with ANSI, NEMA, UL and ABS requirements for indoor, outdoor and marine duty applications.

