

CBECC-Com Input Data Model changes from 2016.3.0 (5128, Sept 2017) to 2016.3.0-SP1 (5302, Dec 2017):

The compliance engine includes a backward compatibility mechanism that automatically addresses most data model changes, where property names or enumeration strings are revised or removed as the data model evolves. This mechanism also includes logic to write messages to project logs when backward compatibility for certain properties is expected to impact compliance analysis of a previous vs. current version of the tool. Additions to the data model or changes that require user input to determine the appropriate translation of properties/enumerations from previous to a current tool version are not something that the compliance engine supports in most cases.

ExtShdgObj	ExternalShadingObject			
CHANGED	Status	Status	Enumeration	- Required input
		default: -1		
		1: "New"		
		2: "Existing"		
		3: "Altered"	New Option	
CHANGED	FurnThrmEff	FurnaceThermalEfficiency	Warning Min reduced from 0.7 to 0.6	Float - CondRequired input Value <= 1 Warning if not: 0.6 <= Value <= 0.98
CHANGED	HPWHModel	HeatPumpWaterHeaterModel	Enumeration	- CondRequired input
		When: ResWtrHtr:HPWHBrand = 19 (Rheem)		
		default: 1		
		1: "- select Model -"		
		190121: "HB50RH (50 gal)"		
		190221: "PROPH50 T2 RH245 (50 gal)"		
		190339: "PROPH50 T2 RH350 D (50 gal)"		
		190440: "PROPH65 T2 RH350 D (65 gal)"		
		190534: "PROPH80 T2 RH245 (80 gal)"		
		190641: "PROPH80 T2 RH350 D (80 gal)"		
		190739: "XE50T10HD50U0 (50 gal)"		
		190821: "XE50T12EH45U0 (50 gal)"		
		190921: "XE50T12EH45U0W (50 gal)"		
		191040: "XE65T10HD50U0 (65 gal)"		
		191141: "XE80T10HD50U0 (80 gal)"		
		191234: "XE80T12EH45U0 (80 gal)"		
		191334: "XE80T12EH45U0W (80 gal)"		
		191439: "PROPH50 T2 RH350 DC (50 gal)"	New Option	
		191540: "PROPH65 T2 RH350 DC (65 gal)"	New Option	
		191641: "PROPH80 T2 RH350 DC (80 gal)"	New Option	
		191739: "HPLD50 (50 gal)"	New Option	

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191840: "HPLD65 (65 gal)"           New Option
191941: "HPLD80 (80 gal)"           New Option
192042: "XE50T10HD22U0 (50 gal)"    New Option
192139: "XE50T10HD50U1 (50 gal)"    New Option
192243: "XE65T10HD22U0 (65 gal)"    New Option
192340: "XE65T10HD50U1 (65 gal)"    New Option
192444: "XE80T10HD22U0 (80 gal)"    New Option
192541: "XE80T10HD50U1 (80 gal)"    New Option
192642: "PROPH50 T2 RH350 D15 (50 gal)" New Option
192739: "PROPH50 T2 RH350 DCB (50 gal)" New Option
192843: "PROPH65 T2 RH350 D15 (65 gal)" New Option
192940: "PROPH65 T2 RH350 DCB (65 gal)" New Option
193044: "PROPH80 T2 RH350 D15 (80 gal)" New Option
193141: "PROPH80 T2 RH350 DCB (80 gal)" New Option
When: ResWtrHtr:HPWHBrand = 20 (Richmond)
default: 1
      1: "- select Model -"
200139: "10E50-HP4D (50 gal)"
200240: "10E65-HP4D (65 gal)"
200341: "10E80-HP4D (80 gal)"
200421: "12E50-HP (50 gal)"
200534: "12E80-HP (80 gal)"
200621: "HB50RM (50 gal)"
200742: "10E50-HP4D15 (50 gal)"      New Option
200843: "10E65-HP4D15 (65 gal)"      New Option
200944: "10E80-HP4D15 (80 gal)"      New Option
When: ResWtrHtr:HPWHBrand = 21 (Ruud)
default: 1
      1: "- select Model -"
210121: "HB50RU (50 gal)"
210221: "PROUH50 T2 RU245 (50 gal)"
210339: "PROUH50 T2 RU350 D (50 gal)"
210440: "PROUH65 T2 RU350 D (65 gal)"
210534: "PROUH80 T2 RU245 (80 gal)"
210641: "PROUH80 T2 RU350 D (80 gal)"
210742: "PROUH50 T2 RU350 D15 (50 gal)" New Option
210839: "PROUH50 T2 RU350 DCB (50 gal)" New Option
210943: "PROUH65 T2 RU350 D15 (65 gal)" New Option
211040: "PROUH65 T2 RU350 DCB (65 gal)" New Option
211144: "PROUH80 T2 RU350 D15 (80 gal)" New Option
211241: "PROUH80 T2 RU350 DCB (80 gal)" New Option

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