

Updated 08/15/2018						
<u>Vcheck Form</u>	<u>Form Field</u>	<u>Validation</u>	<u>Validation</u>	<u>Database Max</u>		
<u>Field Name</u>	<u>Max Length</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Length / Value</u>	<u>Allowed Characters</u>	<u>Special Rules</u>
email	45	1	45	50	Any*	Must match common rules for e-mail address format
email_confirm	45				Any*	Must be identical to "email"
payer_name	45	1	45	80	Any	
payer_address	45	1	45	80	Any	
payer_city	45	1	45	45	Any	
payer_state				2	Assume "state" is chosen with Form Select Field	
payer_zip	5	5	5	10	Numeric Only	Must be 5 numbers
payer_phone	14			14		Must match either "(###) ###-####" or "#####"
check_number	10	2	10	9.22337E+18	Numeric Only	Value must be larger than 10
payee				255		Must be a valid Payee for Merchant
check_amount	15		121474836.47*	2147483647	Numbers, decimal, comma, dollar sign	Commas and Dollar Signs will be stripped. Must not have more than 2 decimal places. Must not exceed value listed in Maximum Characters
memo1	50			255		
routing_number	9	9	9	100		Must be in ABA database
account_number	17	4	17	100	Numeric and Dashes	
account_confirm	17					Must be identical to "account_number"
In the database, the maximum numeric value for Check Number is "9223372036854780000"						
For the maximum characters for Check Amount, the table above shows it as 21474836.47 with an asterisk because that is what is validated, that the number entered is not larger than that value. It's not a limit of "11 characters" because that max value is "99999999.99" which cannot be stored in the database.						
Numbers are stored more efficiently in the database in numeric datatypes as opposed to textual characters. A "bigint" column type (used for check number) takes only 8 bytes of space. A "int" column type (used for check amount) takes only 4 bytes of space. A "char" column type that can store a string of 11 characters would take 11 bytes to store.						