

# AirTable

Wow wow wow AirTable continues to impress.

## Formula Things

### [Formula Reference](#)

Formulas in AirTable are Excel / Google Sheets adjacent, but the syntax is a bit different.

Here's a conditional IF to apply contingency to a line item:

```
IF({CONT} = BLANK(), 0, SUM(ESTIMATE*.2))
```

"CONT" is field name

"BLANK" is if the box is checked

Here's a conditional SWITCH to apply different contingency numbers on a line item:

```
SWITCH(
  {CONT},
  "Buffer", SUM(ESTIMATE*.2),
  "Something", SUM(ESTIMATE*.22),
  "None", 0
)
```

Here's a conditional IF

```
IF(
  {Watts/Unit} = 0, 0,
  SUM(( {Watts/Unit} / {Volts/Unit} ) * IF(OR( Calc = "R&D", Spare = 1 ), 0, Qty)))
```

It's saying if watts are filled out, complete the formula to calculate for Amps, then multiply by quantity to get the calculated Amps unless it is a spare unit or it's used for R&D.




A further change:

```
IF({Watts/Unit} = 0, 0, SUM({Watts/Unit} / SWITCH(
  Volts,
  "110v", 110,
  "208v", 208)
)
*IF(OR({Budget Calc} = "R&D", Spare = 1), 0, Qty)
)
```

Adding this switch makes the Volts column attached to a variable switch. Based on voltage selection, calculate amps. If I add in additional voltage options, I will need to manually create that switch in the Volts column and then add it to the script.

Here's a formula that will concat two date strings

```
DATETIME_FORMAT({Start Day / Time}, 'ddd') & " - " &  
DATETIME_FORMAT({Start Day / Time}, 'MMM') & " " &  
DATETIME_FORMAT({Start Day / Time}, 'DD') & " From " &  
DATETIME_FORMAT({Start Day / Time}, 'hh:mm') & " to " &  
DATETIME_FORMAT({End Date / Time}, 'LT')
```

 Name	 Start Day / Time	 End Date / Time
Mon - May 22 From 04:30 to 6:30 PM	5/22/2023 4:30pm	5/22/2023 6:30pm

## Extensions

You can install extensions that do a variety of things. Some are paid if by third-party. Can recommend "Page Designer" (buggy, but functional) and "Charts."

## Third-Party Tools

[DocsAutomator](#) - Highly recommended tool that takes the concept of AirTable's Page Designer and makes it... good. Really good. This is a paid tool, but the capabilities it adds are great. There's a bit of learning curve.

---

Revision #2

Created 2025-04-15 20:20:59 UTC by Cam Vokey

Updated 2025-04-15 21:03:15 UTC by Cam Vokey