## **Product Research for Best Whole House Dehumidifier**

| SL   | Pick      | Product Name   | Number of<br>Positive<br>Features | Price on<br>Amazon | Avarage<br>Rating | Total<br>Reviews | Moisture Removal<br>Capacity/ Day | Air Flow Capacity/<br>Minute | Area Coverage | Operation<br>Temperature | Lowest<br>Operating<br>Temperature | Material           | Warranty | Auto Restart | Automatic<br>Drainage | Auto Defrost | Humidistat | Professional<br>Installation | Automatic<br>Humidity<br>Sensing | Built in<br>Control | Performs<br>Quietly | No Messy<br>Trays | Low<br>Maintenance | Energy Star<br>Cerified | Low energy<br>Consumption | Refrigerant | Air<br>Filtration | Ductable | Casters | Switches Between Whole<br>House & Localized<br>Dehumidification |
|------|-----------|--|-----------------------------------|--------------------|-------------------|------------------|-----------------------------------|------------------------------|---------------|--------------------------|------------------------------------|--------------------|----------|--------------|-----------------------|--------------|------------|------------------------------|----------------------------------|---------------------|---------------------|-------------------|--------------------|-------------------------|---------------------------|-------------|-------------------|----------|---------|---|
| 1 0  | ur Pick   | Aprilaire 1850 95 Pint Whole Home Dehumidifier                           | 17                                | \$1,299.00         | 3.7               | 2                | 95 Pint                           | 265 cubic feet               | 5200 Sq. Ft.  |                          | 50 Degree F                        | Stainless<br>Steel | 5 Years  | Yes          | Yes                   | Yes          | Yes        | Yes                          | Yes                              | Yes                 | Yes                 | Yes               | Yes                |                         |                           | R-410A      | MERV-8            |          |         |   |
| 2 Ru | nner Up   | Aprilaire 1850F 95 Pint Whole Home Dehumidifier                          | 17                                | \$1,300.00         | 3.7               | 9                | 95 Pint                           | 245 cubic feet               | 5000 Sq. Ft.  |                          | 50 Degree F                        | Steel              | 5 Years  | Yes          | Yes                   | Yes          | Yes        | Yes                          | Yes                              | Yes                 | Yes                 | Yes               | Yes                |                         |                           | R-410A      | MERV-8            |          |         |   |
| 3 Bu | lget pick | Aprilaire 1830 Pint Whole Home Dehumidifier                              | 15                                | \$1,049.15         | 3.3               | 6                | 70 Pint                           | 160 cubic feet               | 5000 Sq. Ft.  |                          | 50 Degree F                        | Stainless<br>Steel | 5 Years  | Yes          | Yes                   | Yes          | Yes        | Yes                          | Yes                              | Yes                 | Yes                 | Yes               | Yes                | Yes                     |                           | R-410A      |                   | Yes      |         |   |
| 4    | 4         | Aprilaire 1850 Dehumidifier, 115V Ductable Whole House                   | 17                                | \$1,299.00         | 2.6               | 9                | 95 Pint                           | 245 cubic feet               | 5200 Sq. Ft.  |                          | 50 Degree F                        | Steel              | 5 Years  |              | Yes                   |              |            | Yes                          | Yes                              | Yes                 | Yes                 | Yes               | Yes                | Yes                     |                           | R-410A      | MERV-8            | Yes      | Yes     | Yes   |
| 5    | 5         | Honeywell DR90A2000 Truedry DR90 Whole House<br>Dehumidifier             | 11                                | \$1,658.44         | 3.9               | 5                | 90 Pint                           |                              | 3100 Sq. Ft.  | 34 – 135 ºF              |                                    | Steel              |          |              | Yes                   |              |            | Yes                          |                                  |                     | Yes                 | Yes               | Yes                | Yes                     | Yes                       | R-410A      | MERV 11           |          |         |   |
| 6    |           | BurCam F80210 Fan Air Extractor, 115V Whole House<br>Dehumidifier System | 7                                 | \$389.80           | 3.6               | 9                | 70 Pint                           | 210 cubic feet               |               |                          |                                    | Metal              |          |              | Yes                   | Yes          |            |                              |                                  |                     |                     |                   | Yes                |                         |                           |             |                   |          |         |   |
| 7    |           | Whole House Residential DH70 70 Pint Dehumidifier                        | 6                                 | \$899.90           | 0                 | 0                | 70 Pint                           |                              |               |                          | JU                                 | Steel              |          |              |                       | Yes          |            | Yes                          |                                  |                     | Yes                 |                   | Yes                |                         |                           |             | MERV 11           |          |         |   |
| 8    |           | Honeywell TrueDRY DR65 Whole House Dehumidifier                          | 3                                 | \$1,802.50         | 0                 | 0                |                                   |                              |               |                          |                                    | Metal              |          |              | ·                     | Yes          |            | Yes                          |                                  |                     |                     |                   |                    |                         |                           |             |                   | Yes      |         |   |
| 9    |           | Honeywell Dehumidifier, Ducted, 120 pt                                   | 11                                | \$2,318.49         | 0                 | 0                | 120 Pint                          | 210 cubic feet               |               | 34 – 135 ºF              |                                    | Steel              |          | Yes          |                       | Yes          |            | Yes                          |                                  |                     | Yes                 |                   |                    | Yes                     |                           | R-410A      | MERV 11           | Yes      |         |   |



## **Elaboration:**

Number of positive features: This value equals to the sum of all the green marked features for an item. For every product, there are some positive(marked green) and negative(marked red) features. We summed up all the green marked features to calculate this value.

Rating frequency: This value indicates how frequently a product is receiving every 10 ratings on Amazon.com. This gives an idea of how frequently a product is getting sold on Amazon. Usually one of every 10 persons that purchases a product rates it. A lower

value here means the product is getting sold at a faster rate. All these data were collected on 4th Dec, 2018.

Blank/white Boxes: The boxes that are white indicate that we didn't find mention of those features anywhere on the internet for those products when we conducted our research. We couldn't come to a conclusion about those features when we personally tested them as well.

Price: Price on Amazon.com on 4th Dec, 2018.

 $\textbf{Average Rating:} \ \, \text{The average rating it has out of 5 on Amazon.com till 4th Dec, 2018}.$ 

Total reviews: The total number of ratings/reviews it received on Amazon.com till 4th Dec, 2018.

P.S. For some points where positive or negative cant be determined easily (for example rating frequency, price etc.), we took an average value and made everything that is equal or above that value green and anything lower than that red.