

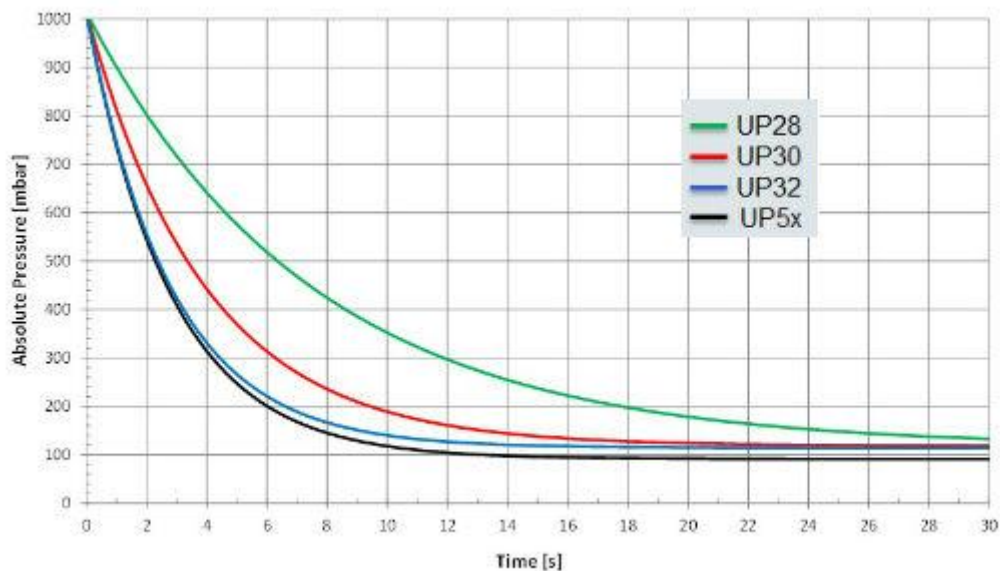


TAYLOR AUTOMOTIVE ENGINEERING

UNIT 3 WILLOW FARM  
SCRAPERS HILL CHIDDINGLY  
EAST SUSSEX BN8 6HJ  
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|                                                      |                                                                                    |
|------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>UP5x vacuum pump</b>                              |                                                                                    |
| Operating temperature:                               | -40°C to +120°C                                                                    |
| Maximum vacuum level                                 | 90% (under ambient pressure)                                                       |
| Pressure build-up time (at 13 V and 4 l test volume) | 50% of ambient pressure: $t \leq 2.4$ s<br>70% of ambient pressure: $t \leq 4.4$ s |
| Pump operating time                                  | 1500 hours                                                                         |
| Weight                                               | ~ 1.6 kg                                                                           |

## TECHNICAL DATA



- Booster volume: 4 L
- Voltage: 13 V
- Temperature: RT

|                                                     | <b>UP28</b>            | <b>UP30</b>            | <b>UP32</b>            | <b>UP5x</b> |
|-----------------------------------------------------|------------------------|------------------------|------------------------|-------------|
| Nominal voltage                                     | 13.5 V                 | 14 V                   | 13 V                   | 13 V        |
| Average current consumption between thresholds      | < 10 A                 | < 15 A                 | < 18 A                 | < 15 A      |
| Lifftime data                                       | 600 h                  | 1200 h                 | 1200 h                 | 1500 h      |
| Maximum vacuum level (below ambient pressure level) | 86%<br>(≥ 88% typical) | 86%<br>(≥ 88% typical) | 86%<br>(≥ 88% typical) | ≥ 90%       |
| 50% from ambient pressure                           | ≤ 5.5 s                | ≤ 3.5 s                | ≤ 3.1 s                | ≤ 3.0 s     |
| 70% from ambient pressure                           | ≤ 11 s                 | ≤ 7 s                  | ≤ 6.2 s                | ≤ 5.5 s     |
| Booster Size                                        | 3,2 l                  | 4 l                    | 5 l                    | 5 l         |
| Acoustics                                           | < 70 db (A)            | < 77 db (A)            | < 78 db (A)            | < 73 db (A) |