

Matrix of available Engine Models from Clarke Fire Protection Products - Cincinnati, OH

| Number of Models | Certified Model | Emissions     | Engine Coolant System | Fuel Management Control | PLD Engine                 |                          | US - EPA (NSPS)<br>Available until (1)     | Export | For 2011 California Installations | UL & FM  |         |         |       |       |         |         |         |
|------------------|-----------------|---------------|-----------------------|-------------------------|----------------------------|--------------------------|--|--------|-----------------------------------|--|---------|---------|-------|-------|---------|---------|---------|
|                  |                 |               |                       |                         | Discharge Pressure Control | Suction Pressure Control |  |        |                                   | Certified Speed (RPM) & Nameplate Power (BHP/kW) |         |         |       |       |         |         |         |
|                  |                 |               |                       |                         |                            |                          | 1470                                       | 1760   | 2100                              | 2350   | 2400    | 2600    | 2800  | 3000  |         |         |         |
| 1                | JU4R-UFAEA9     | Interm Tier 4 | Radiator              | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  | 35/26   | 39/29   | 42/31 |       |         |         |         |
| 2                | JU4R-UFAEE7     | Interm Tier 4 | Radiator              | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  | 62/46   |         |       |       |         |         |         |
| 3                | JU4R-UFAEF1     | Interm Tier 4 | Radiator              | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  |         | 71/53   | 70/52 |       |         |         |         |
| 4                | JU4H-UFAEA0     | Interm Tier 4 | Heat Exchanger        | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  | 37/27.5 | 42/31   | 46/34 |       |         |         |         |
| 5                | JU4R-UF09       | T1 Compliant  | Radiator              | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  | 39/29   | 48/36   | 52/39 |       |         |         |         |
| 6                | JU4H-UF10       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  | 41/31   | 51/38   | 55/41 |       |         |         |         |
| 7                | JU4H-UF10-P1    | T1 Compliant  | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2010                                 | ✓      |                                   |  | 41/31   | 51/38   | 55/41 |       |         |         |         |
| 8                | JU4R-UF11       | T1 Compliant  | Radiator              | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 52/39 |       | 55.5/41 |         |         |
| 9                | JU4H-UF12       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 55/41 |       | 59/44   |         |         |
| 10               | JU4H-UF12-P1    | T1 Compliant  | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 55/41 |       | 59/44   |         |         |
| 11               | JU4R-UF13       | T1 Compliant  | Radiator              | Mechanical              |                            |                          | 12/31/2013<br>Not available for California | ✓      |                                   |  |         |         |       |       |         | 66.5/50 | 66.5/50 |
| 12               | JU4H-UF14       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2013<br>Not available for California | ✓      |                                   |  |         |         |       |       |         | 70/52   | 71/53   |
| 13               | JU4R-UF19       | T1 Compliant  | Radiator              | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  | 58.5/44 | 64.5/48 | 68/51 |       |         |         |         |
| 14               | JU4H-UF20       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  | 60/45   | 67/50   | 72/54 |       |         |         |         |
| 15               | JU4H-UF20-P1    | T1 Compliant  | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2010                                 | ✓      |                                   |  | 60/45   | 67/50   | 72/54 |       |         |         |         |
| 16               | JU4R-UF21       | T1 Compliant  | Radiator              | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 68/51 |       | 70.5/53 |         |         |
| 17               | JU4H-UF22       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 72/54 |       | 75/56   |         |         |
| 18               | JU4H-UF22-P1    | T1 Compliant  | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 72/54 |       | 75/56   |         |         |
| 19               | JU4H-UFAB26     | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2013<br>Not available for California | ✓      |                                   |  |         |         |       |       |         | 80/60   |         |
| 20               | JU4R-UF23       | T1 Compliant  | Radiator              | Mechanical              |                            |                          | 12/31/2013<br>Not available for California | ✓      |                                   |  |         |         |       |       |         | 76.5/57 | 78/58   |
| 21               | JU4H-UF24       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2013<br>Not available for California | ✓      |                                   |  |         |         |       |       |         | 80/60   | 83/62   |
| 22               | JU4H-UF30       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  | 64/48   | 79/59   | 85/63 |       |         |         |         |
| 23               | JU4H-UF30-P1    | T1 Compliant  | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2010                                 | ✓      |                                   |  | 64/48   | 79/59   | 85/63 |       |         |         |         |
| 24               | JU4H-UFAEE8     | Interm Tier 4 | Heat Exchanger        | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  | 64/48   |         |       |       |         |         |         |
| 25               | JU4H-UFAEF2     | Interm Tier 4 | Heat Exchanger        | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  |         | 74/55   | 74/55 |       |         |         |         |
| 26               | JU4H-UF32       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 85/63 |       | 85/63   |         |         |
| 27               | JU4H-UF32-P1    | T1 Compliant  | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 85/63 |       | 85/63   |         |         |
| 28               | JU4H-UF34       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2012<br>Not available for California | ✓      |                                   |  |         |         |       |       |         | 104/78  | 115/86  |
| 29               | JU4H-UFH8       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  | 63/47   | 73/54   |       |       |         |         |         |
| 30               | JU4H-UFH0       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         | 73/54   | 88/66 | 98/73 |         |         |         |
| 31               | JU4H-UFADJ8     | T3 Certified  | Heat Exchanger        | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  | 86/64   |         |       |       |         |         |         |
| 32               | JU4H-UFADJ2     | T3 Certified  | Heat Exchanger        | Mechanical              |                            |                          | No Expiration                              | ✓      | ✓                                 |  |         | 99/74   | 99/74 |       |         |         |         |
| 33               | JU4H-UFH2       | T1 Compliant  | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2010                                 | ✓      |                                   |  |         |         | 98/73 |       | 99/74   |         |         |

(1) Applies to engine manufacturer (John Deere) model year per Table 4 to Subpart III of 40 CFR Part 60  
<sup>1</sup> US-EPA (NSPS)  
<sup>2</sup> Export

Matrix of available Engine Models from Clarke Fire Protection Products - Cincinnati, OH

| Number of Models | Certified Model | Emissions    | Engine Coolant System | Fuel Management Control | PLD Engine                 |                          | US - EPA (NSPS)<br>Available until (1)                                 | Export | For 2011 California Installations | UL & FM  |                     |                       |                       |                       |         |         |  |
|------------------|-----------------|--------------|-----------------------|-------------------------|----------------------------|--------------------------|--|--------|-----------------------------------|--|---------------------|-----------------------|-----------------------|-----------------------|---------|---------|--|
|                  |                 |              |                       |                         | Discharge Pressure Control | Suction Pressure Control |  |        |                                   | Certified Speed (RPM) & Nameplate Power (BHP/kW) |                     |                       |                       |                       |         |         |  |
|                  |                 |              |                       |                         |                            |                          | 1470   |        |                                   | 1760   | 2100                | 2350                  | 2400                  | 2600                  | 2800    | 3000    |  |
| 34               | JU4R-UF40       | T1 Compliant | Radiator              | Mechanical              |                            |                          | 12/31/2009<br>(Less than 100 HP)<br>12/31/2010                         | ✓      |                                   |  | 94/70               | 105/78                | 106/79                |                       |         |         |  |
| 35               | JU4H-UF40       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009<br>(Less than 100 HP)<br>12/31/2010                         | ✓      |                                   |  | 94/70               | 105/78                | 106/79                |                       |         |         |  |
| 36               | JU4H-UF40-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009<br>(Less than 100 HP)<br>12/31/2010<br>(Greater than 99 HP) | ✓      |                                   |  | 94/70               | 105/78                | 106/79                |                       |         |         |  |
| 37               | JU4H-UF42       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 106/79                |                       | 106/79  |         |  |
| 38               | JU4H-UF42-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 106/79                |                       | 106/79  |         |  |
| 39               | JU4H-UF58       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   | 79/59  | 110/82              |                       |                       |                       |         |         |  |
| 40               | JU4H-UFAD5G     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration  | ✓      | ✓                                 |  | 110/82              | 113/84                | 118/88                | 118/88                |         |         |  |
| 41               | JU4R-UF49       | T1 Compliant | Radiator              | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  | 106/79              | 123/92                | 117/87                |                       |         |         |  |
| 42               | JU4H-UF50       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  | 110/82              | 130/97                | 127/95                |                       |         |         |  |
| 43               | JU4H-UF50-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009   | ✓      |                                   |  | 110/82              | 130/97                | 127/95                |                       |         |         |  |
| 44               | JU4R-UF51       | T1 Compliant | Radiator              | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 119/89                |                       | 119/89  |         |  |
| 45               | JU4H-UF52       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 127/95                |                       | 127/95  |         |  |
| 46               | JU4H-UF52-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 127/95                |                       | 127/95  |         |  |
| 47               | JU4R-UF53       | T1 Compliant | Radiator              | Mechanical              |                            |                          | 12/31/2012<br>Not available for California                             | ✓      |                                   |  |                     |                       |                       |                       | 135/101 | 133/99  |  |
| 48               | JU4H-UF54       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2012<br>Not available for California                             | ✓      |                                   |  |                     |                       |                       |                       | 145/108 | 145/108 |  |
| 49               | JU4H-UFADJG-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings                                | ✓      | ✓<br>(Only specific ratings)      |  | 109/81 <sup>2</sup> | 120/89 <sup>1,2</sup> | 123/92 <sup>1,2</sup> | 123/92 <sup>1,2</sup> |         |         |  |
| 50               | JU4H-UFADJG-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings                                | ✓      | ✓<br>(Only specific ratings)      |  | 109/81 <sup>2</sup> | 120/89 <sup>1,2</sup> | 123/92 <sup>1,2</sup> | 123/92 <sup>1,2</sup> |         |         |  |
| 51               | JU4H-UFADJG-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings                                | ✓      | ✓<br>(Only specific ratings)      |  | 109/81 <sup>2</sup> | 120/89 <sup>1,2</sup> | 123/92 <sup>1,2</sup> | 123/92 <sup>1,2</sup> |         |         |  |
| 52               | JU4H-UFADP0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration  | ✓      | ✓                                 |  | 121/90              | 125/93                | 130/97                | 130/97                |         |         |  |
| 53               | JU4H-UFADR0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration  | ✓      | ✓                                 |  | 113/84              | 136/101               | 140/104               | 140/104               |         |         |  |
| 54               | JU4H-UFADW8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration  | ✓      | ✓                                 |  | 144/107             |                       |                       |                       |         |         |  |
| 55               | DQ6H-UFAA48     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable   | ✓      |                                   | 240/ 179   |                     |                       |                       |                       |         |         |  |
| 56               | JU4H-UFADY8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration  | ✓      | ✓                                 |  | 157/117             |                       |                       |                       |         |         |  |
| 57               | JU6H-UFD0       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  | 110/82              | 144/107               | 148/110               |                       |         |         |  |
| 58               | JU6H-UFD2       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 148/110               |                       | 148/110 |         |  |
| 59               | JU6H-UF30       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   | 94/70  | 140/104             | 160/119               | 160/119               |                       |         |         |  |
| 60               | JU6H-UF30-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009   | ✓      |                                   |  | 140/104             | 160/119               | 160/119               |                       |         |         |  |
| 61               | JU6H-UF32       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 160/119               |                       | 160/119 |         |  |
| 62               | JU6H-UF32-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009   | ✓      |                                   |  |                     |                       | 160/119               |                       | 160/119 |         |  |
| 63               | JU6H-UF34       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2012<br>(Less than 175 HP)<br>12/31/2011<br>(Greater than 174HP) | ✓      |                                   |  |                     |                       |                       |                       | 160/119 | 175/131 |  |
| 64               | JU6H-UFG8       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   | 130/97   | 149/111             |                       |                       |                       |         |         |  |
| 65               | JU6H-UFM8       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   | 136/101  | 175/131             |                       |                       |                       |         |         |  |
| 66               | JU6H-UFABL8     | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009   | ✓      |                                   | 136/101  | 173/129             |                       |                       |                       |         |         |  |

(1) Applies to engine manufacturer (John Deere) model year per Table 4 to Subpart III of 40 CFR Part 60

<sup>1</sup> US-EPA (NSPS)

<sup>2</sup> Export

Matrix of available Engine Models from Clarke Fire Protection Products - Cincinnati, OH

| Number of Models | Certified Model | Emissions    | Engine Coolant System | Fuel Management Control | PLD Engine                 |                          | US - EPA (NSPS)<br>Available until (1)  | Export | For 2011 California Installations | UL & FM  |                      |                      |                        |                        |  |         |         |
|------------------|-----------------|--------------|-----------------------|-------------------------|----------------------------|--------------------------|---|--------|-----------------------------------|--|----------------------|----------------------|------------------------|------------------------|--|---------|---------|
|                  |                 |              |                       |                         | Discharge Pressure Control | Suction Pressure Control |   |        |                                   | Certified Speed (RPM) & Nameplate Power (BHP/kW) |                      |                      |                        |                        |  |         |         |
|                  |                 |              |                       |                         |                            |                          | 1470                                    | 1760   | 2100                              | 2350   | 2400                 | 2600                 | 2800                   | 3000                   |  |         |         |
| 67               | JU6H-UFABL0     | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009                              | ✓      |                                   |  | 173/129              | 173/129              | 173/129                |                        |  |         |         |
| 68               | JU6H-UFABL0-P1  | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2009                              | ✓      |                                   |  | 173/129              | 173/129              | 173/129                |                        |  |         |         |
| 69               | JU6H-UFABL2     | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009                              | ✓      |                                   |  |                      | 173/129              |                        | 173/129                |  |         |         |
| 70               | JU6H-UFM0       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 175/131              | 207/154              | 200/149                |                        |  |         |         |
| 71               | JU6H-UFM2       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  |                      | 200/149              |                        | 200/149                |  |         |         |
| 72               | JU6H-UFADM8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 175/131              |                      |                        |                        |  |         |         |
| 73               | JU6H-UFADMG     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 175/131              | 175/131              |                        |                        |  |         |         |
| 74               | JU6H-UFADK0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | ✓<br>(Only specific ratings)      |  | 168/125 <sup>2</sup> | 173/129 <sup>2</sup> | 175/131 <sup>1,2</sup> | 175/131 <sup>1,2</sup> |  |         |         |
| 75               | JU6H-UFADK0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | ✓<br>(Only specific ratings)      |  | 168/125 <sup>2</sup> | 173/129 <sup>2</sup> | 175/131 <sup>1,2</sup> | 175/131 <sup>1,2</sup> |  |         |         |
| 76               | JU6H-UFADK0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓      | ✓<br>(Only specific ratings)      |  | 168/125 <sup>2</sup> | 173/129 <sup>2</sup> | 175/131 <sup>1,2</sup> | 175/131 <sup>1,2</sup> |  |         |         |
| 77               | JU6H-UF58       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   | 138/103  | 183/137              |                      |                        |                        |  |         |         |
| 78               | JU6H-UF50       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 183/137              | 210/157              | 210/157                |                        |  |         |         |
| 79               | JU6H-UF50-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓      |                                   |  | 183/137              | 210/157              | 210/157                |                        |  |         |         |
| 80               | JU6H-UFAD58     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 183/137              |                      |                        |                        |  |         |         |
| 81               | JU6H-UFADNG     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 190/142              | 181/135              | 183/137                | 183/137                |  |         |         |
| 82               | JU6H-UFADN0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 197/147              | 197/147              | 200/149                | 200/149                |  |         |         |
| 83               | JU6H-UF52       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  |                      | 210/157              |                        | 210/157                |  |         |         |
| 84               | JU6H-UF52-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓      |                                   |  |                      | 210/157              |                        | 210/157                |  |         |         |
| 85               | JU6H-UF54       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2011                              | ✓      |                                   |  |                      |                      |                        |                        |  | 216/161 | 216/161 |
| 86               | JU6H-UF68       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   | 175/131  | 200/149              |                      |                        |                        |  |         |         |
| 87               | JU6H-UF60       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 200/149              | 240/179              | 240/179                |                        |  |         |         |
| 88               | JU6H-UF60-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓      |                                   |  | 200/149              | 240/179              | 240/179                |                        |  |         |         |
| 89               | JU6H-UF62       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  |                      | 240/179              |                        | 240/179                |  |         |         |
| 90               | JU6H-UF62-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓      |                                   |  |                      | 240/179              |                        | 240/179                |  |         |         |
| 91               | JU6H-UFAAPG     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   | 220/164  |                      |                      |                        |                        |  |         |         |
| 92               | JU6H-UFAAQ8     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  | 227/169              |                      |                        |                        |  |         |         |
| 93               | JU6H-UFAARG     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  | 252/188              |                      |                        |                        |  |         |         |
| 94               | JU6H-UFAB76     | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2009                              | ✓      |                                   |  |                      |                      |                        |                        |  | 225/168 |         |
| 95               | JU6H-UF84       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2011                              | ✓      |                                   |  |                      |                      |                        |                        |  | 259/193 | 275/205 |
| 96               | JU6H-UFAD88     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 237/177              |                      |                        |                        |  |         |         |
| 97               | JU6H-UFADR8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 250/187              |                      |                        |                        |  |         |         |
| 98               | JU6H-UFADS8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 260/194              |                      |                        |                        |  |         |         |
| 99               | JU6H-UFAAS0     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  | 260/194              |                      |                        |                        |  |         |         |
| 100              | JU6H-UFADW8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 282/211              |                      |                        |                        |  |         |         |
| 101              | JU6H-UFADP8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 220/164              |                      |                        |                        |  |         |         |

(1) Applies to engine manufacturer (John Deere) model year per Table 4 to Subpart III of 40 CFR Part 60  
<sup>1</sup> US-EPA (NSPS)  
<sup>2</sup> Export

Matrix of available Engine Models from Clarke Fire Protection Products - Cincinnati, OH

| Number of Models | Certified Model | Emissions    | Engine Coolant System | Fuel Management Control | PLD Engine                 |                          | US - EPA (NSPS)<br>Available until (1)  | Export | For 2011 California Installations | UL & FM  |                      |                          |                        |                        |  |  |  |
|------------------|-----------------|--------------|-----------------------|-------------------------|----------------------------|--------------------------|---|--------|-----------------------------------|--|----------------------|--------------------------|------------------------|------------------------|--|--|--|
|                  |                 |              |                       |                         | Discharge Pressure Control | Suction Pressure Control |   |        |                                   | Certified Speed (RPM) & Nameplate Power (BHP/kW) |                      |                          |                        |                        |  |  |  |
|                  |                 |              |                       |                         |                            |                          | 1470                                    | 1760   | 2100                              | 2350   | 2400                 | 2600                     | 2800                   | 3000                   |  |  |  |
| 102              | JU6H-UFADP0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 220/164              | 209/156                  | 211/157                | 211/157                |  |  |  |
| 103              | JU6H-UFADP0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 220/164 <sup>2</sup> | 209/156 <sup>1,2</sup>   | 211/157 <sup>1,2</sup> | 211/157 <sup>1,2</sup> |  |  |  |
| 104              | JU6H-UFADP0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 220/164 <sup>2</sup> | 209/156 <sup>1,2</sup>   | 211/157 <sup>1,2</sup> | 211/157 <sup>1,2</sup> |  |  |  |
| 105              | JU6H-UFADP0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 220/164 <sup>2</sup> | 209/156 <sup>1,2</sup>   | 211/157 <sup>1,2</sup> | 211/157 <sup>1,2</sup> |  |  |  |
| 106              | JU6H-UFADQ0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  |                      | 224/167                  | 226/169                | 226/169                |  |  |  |
| 107              | JU6H-UFADQ0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 224/167 <sup>1,2</sup>   | 226/169 <sup>1,2</sup> | 226/169 <sup>1,2</sup> |  |  |  |
| 108              | JU6H-UFADQ0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 224/167 <sup>1,2</sup>   | 226/169 <sup>1,2</sup> | 226/169 <sup>1,2</sup> |  |  |  |
| 109              | JU6H-UFADQ0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 224/167 <sup>1,2</sup>   | 226/169 <sup>1,2</sup> | 226/169 <sup>1,2</sup> |  |  |  |
| 110              | JU6H-UFADR0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  |                      | 238/177.5                | 240/179                | 240/179                |  |  |  |
| 111              | JU6H-UFADR0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 238/177.5 <sup>1,2</sup> | 240/179 <sup>1,2</sup> | 240/179 <sup>1,2</sup> |  |  |  |
| 112              | JU6H-UFADR0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 238/177.5 <sup>1,2</sup> | 240/179 <sup>1,2</sup> | 240/179 <sup>1,2</sup> |  |  |  |
| 113              | JU6H-UFADR0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 238/177.5 <sup>1,2</sup> | 240/179 <sup>1,2</sup> | 240/179 <sup>1,2</sup> |  |  |  |
| 114              | JU6H-UFADS0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  |                      | 260/194                  | 268/200                | 268/200                |  |  |  |
| 115              | JU6H-UFADS0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 260/194 <sup>1,2</sup>   | 268/200 <sup>1,2</sup> | 268/200 <sup>1,2</sup> |  |  |  |
| 116              | JU6H-UFADS0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 260/194 <sup>1,2</sup>   | 268/200 <sup>1,2</sup> | 268/200 <sup>1,2</sup> |  |  |  |
| 117              | JU6H-UFADS0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  |                      | 260/194 <sup>1,2</sup>   | 268/200 <sup>1,2</sup> | 268/200 <sup>1,2</sup> |  |  |  |
| 118              | JU6H-UFADT0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 229/171              | 274/204                  | 275/205                | 275/205                |  |  |  |
| 119              | JU6H-UFADT0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 229/171 <sup>2</sup> | 274/204 <sup>1,2</sup>   | 275/205 <sup>1,2</sup> | 275/205 <sup>1,2</sup> |  |  |  |
| 120              | JU6H-UFADT0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 229/171 <sup>2</sup> | 274/204 <sup>1,2</sup>   | 275/205 <sup>1,2</sup> | 275/205 <sup>1,2</sup> |  |  |  |
| 121              | JU6H-UFADT0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 229/171 <sup>2</sup> | 274/204 <sup>1,2</sup>   | 275/205 <sup>1,2</sup> | 275/205 <sup>1,2</sup> |  |  |  |
| 122              | DP6H-UFAA50     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  | 265/198              | 280/209                  | 286/213                |                        |  |  |  |
| 123              | JW6H-UF48       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 240/179              | 290/216                  |                        |                        |  |  |  |
| 124              | DQ6H-UFAA4G     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  | 290/216              |                          |                        |                        |  |  |  |
| 125              | DP6H-UFAA62     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  |                      |                          | 300/224                |                        |  |  |  |
| 126              | JW6H-UF40       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 240/179              | 290/216                  | 300/224                | 300/224                |  |  |  |
| 127              | JW6H-UF40-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓      |                                   |  | 290/216              | 300/224                  | 300/224                |                        |  |  |  |
| 128              | JW6H-UF58       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 300/224              |                          |                        |                        |  |  |  |
| 129              | DQ6H-UFAA50     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓      |                                   |  |                      | 340/254                  |                        |                        |  |  |  |
| 130              | JW6H-UF50       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓      |                                   |  | 300/224              | 340/254                  | 350/261                |                        |  |  |  |
| 131              | JW6H-UF50-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓      |                                   |  | 300/224              | 340/254                  | 350/261                |                        |  |  |  |
| 132              | JU6H-UFADX8     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 305/227.5            |                          |                        |                        |  |  |  |
| 133              | JU6H-UFAD98     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓      | ✓                                 |  | 315/235              |                          |                        |                        |  |  |  |
| 134              | JW6H-UFADD0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 324/242 <sup>2</sup> | 351/262 <sup>1,2</sup>   |                        |                        |  |  |  |
| 135              | JW6H-UFADD0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓      | (Only specific ratings)           |  | 324/242 <sup>2</sup> | 351/262 <sup>1,2</sup>   |                        |                        |  |  |  |

(1) Applies to engine manufacturer (John Deere) model year per Table 4 to Subpart III of 40 CFR Part 60

<sup>1</sup> US-EPA (NSPS)

<sup>2</sup> Export

Matrix of available Engine Models from Clarke Fire Protection Products - Cincinnati, OH

| Number of Models | Certified Model | Emissions    | Engine Coolant System | Fuel Management Control | PLD Engine                 |                          | US - EPA (NSPS)<br>Available until (1)  | Export                       | For 2011 California Installations | UL & FM  |                        |          |          |      |  |  |
|------------------|-----------------|--------------|-----------------------|-------------------------|----------------------------|--------------------------|---|------------------------------|-----------------------------------|--|------------------------|----------|----------|------|--|--|
|                  |                 |              |                       |                         | Discharge Pressure Control | Suction Pressure Control |   |                              |                                   | Certified Speed (RPM) & Nameplate Power (BHP/kW) |                        |          |          |      |  |  |
|                  |                 |              |                       |                         |                            |                          | 1470                                    | 1760                         | 2100                              | 2350   | 2400                   | 2600     | 2800     | 3000 |  |  |
| 136              | JW6H-UFADD0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓<br>(Only specific ratings) |                                   | 324/242 <sup>2</sup>                             | 351/262 <sup>1,2</sup> |          |          |      |  |  |
| 137              | JW6H-UFH8       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓                            |                                   | 330/246  |                        |          |          |      |  |  |
| 138              | DQ6H-UFAA60     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 345/ 257   | 360/269                |          |          |      |  |  |
| 139              | JW6H-UF60       | T1 Compliant | Heat Exchanger        | Mechanical              |                            |                          | 12/31/2008                              | ✓                            |                                   | 360/269  | 375/280                | 360/269  |          |      |  |  |
| 140              | JW6H-UF60-P1    | T1 Compliant | Heat Exchanger        | Mechanical              | ✓                          |                          | 12/31/2008                              | ✓                            |                                   | 360/269  | 375/280                | 360/269  |          |      |  |  |
| 141              | JW6H-UFADF0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 327/244  | 311/232                |          |          |      |  |  |
| 142              | JW6H-UFADJ0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 350/261  | 332/247.5              |          |          |      |  |  |
| 143              | JW6H-UFAAM8     | NONE         | Heat Exchanger        | Electronic              |                            |                          | Not Applicable                          | ✓                            |                                   | 373/278  |                        |          |          |      |  |  |
| 144              | DQ6H-UFAA88     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 375/ 280   |                        |          |          |      |  |  |
| 145              | JW6H-UFAD70     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 376/280  | 399/297.5              |          |          |      |  |  |
| 146              | DQ6H-UFAA98     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 300/ 224   | 410/ 306               |          |          |      |  |  |
| 147              | JW6H-UFAD80     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 422/315  | 400/298                |          |          |      |  |  |
| 148              | JW6H-UFAA80     | NONE         | Heat Exchanger        | Electronic              |                            |                          | Not Applicable                          | ✓                            |                                   | 422/315  | 400/298                |          |          |      |  |  |
| 149              | JX6H-UFADF0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 460/343  | 488/364                |          |          |      |  |  |
| 150              | DR8H-UFAA40     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 385/ 287   | 460/ 343               | 490/ 365 | 490/ 365 |      |  |  |
| 151              | DR8H-UFAA5G     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 450/ 336   |                        |          |          |      |  |  |
| 152              | DR8H-UFAA68     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 495/ 369   |                        |          |          |      |  |  |
| 153              | DR8H-UFAA62     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   |  | 500/ 373               | 500/ 373 |          |      |  |  |
| 154              | JX6H-UFAD60     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 510/380  | 525/392                |          |          |      |  |  |
| 155              | JX6H-UFADK0-D   | T3 Certified | Heat Exchanger        | Electronic              | ✓                          |                          | No expiration date for specific ratings | ✓<br>(Only specific ratings) |                                   | 517/385.5 <sup>2</sup>                           | 526/392 <sup>1,2</sup> |          |          |      |  |  |
| 156              | JX6H-UFADK0-S   | T3 Certified | Heat Exchanger        | Electronic              |                            | ✓                        | No expiration date for specific ratings | ✓<br>(Only specific ratings) |                                   | 517/385.5 <sup>2</sup>                           | 526/392 <sup>1,2</sup> |          |          |      |  |  |
| 157              | JX6H-UFADK0-DS  | T3 Certified | Heat Exchanger        | Electronic              | ✓                          | ✓                        | No expiration date for specific ratings | ✓<br>(Only specific ratings) |                                   | 517/385.5 <sup>2</sup>                           | 526/392 <sup>1,2</sup> |          |          |      |  |  |
| 158              | JX6H-UFADN0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 542/404  | 575/429                |          |          |      |  |  |
| 159              | DS0H-UFAAN0     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 542/ 404   | 575/ 429               |          |          |      |  |  |
| 160              | JX6H-UFADP0     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 575/429  | 600/447                |          |          |      |  |  |
| 161              | DS0H-UFAA68     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 522/ 389.5                                       | 587/ 438               |          |          |      |  |  |
| 162              | DS0H-UFAA60     | None         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   |  | 614/ 458               | 606/ 452 |          |      |  |  |
| 163              | JX6H-UFAD88     | T3 Certified | Heat Exchanger        | Electronic              |                            |                          | No Expiration                           | ✓                            | ✓                                 | 617/460  |                        |          |          |      |  |  |
| 164              | DT2H-UFAA60     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 725/541  | 805/600                | 880/656  |          |      |  |  |
| 165              | DT2H-UFAA98     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   | 825/615  | 982/732                |          |          |      |  |  |
| 166              | DT2H-UFAA92     | NONE         | Heat Exchanger        | Mechanical              |                            |                          | Not Applicable                          | ✓                            |                                   |  | 1025/764               |          |          |      |  |  |

(1) Applies to engine manufacturer (John Deere) model year per Table 4 to Subpart III of 40 CFR Part 60  
<sup>1</sup> US-EPA (NSPS)  
<sup>2</sup> Export