



# Certificate of Compliance

This certificate is issued for the following:

**CENTRIFUGAL FIRE PUMPS  
IN-LINE TYPE**

Prepared for:

**PATTERSON PUMP IRELAND LIMITED  
UNIT 1, IDA ARDMORE BUSINESS & TECHNOLOGY PARK  
MARLINSTOWN, MULLINGAR, CO.  
WESTMEATH, IRELAND**

FM Approvals Class: 1371

The pumps listed herein are FM Approved as of November 16, 2016

To verify the product continues to be Approved please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink that reads 'D.B. Fuller'.

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David B. Fuller  
AVP - Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062 USA



*Member of the FM Global Group*



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| Product     | Rated Capacity, (gal/min) | Rated Capacity, (dm <sup>3</sup> /min) | Rated Net Head at Rated Capacity, psi | Rated Net Head at Rated Capacity, kPa | Rated Speed, r/min | Suction Inlet, dia., in. | Discharge Outlet, dia., in. |
|-------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|
| 4x3 VIP     | 150                       | 570                                    | 41-97                                 | 280-670                               | 2950               | 4                        | 3                           |
| 4x3 VIP     | 150                       | 570                                    | 45-138                                | 310-950                               | 3520               | 4                        | 3                           |
| 4x3 VIP     | 200                       | 755                                    | 41-96                                 | 280-660                               | 2950               | 4                        | 3                           |
| 4x3 VIP     | 200                       | 755                                    | 42-137                                | 290-945                               | 3520               | 4                        | 3                           |
| 4x3 VIP     | 250                       | 945                                    | 40-95                                 | 275-650                               | 2950               | 4                        | 3                           |
| 4x3 VIP     | 250                       | 945                                    | 40-135                                | 275-930                               | 3520               | 4                        | 3                           |
| 4x3 VIP     | 300                       | 1135                                   | 53-90                                 | 365-620                               | 2950               | 4                        | 3                           |
| 4x3 VIP     | 300                       | 1135                                   | 65-132                                | 450-910                               | 3520               | 4                        | 3                           |
| 5x3 VIP     | 400                       | 1515                                   | 41-93                                 | 290-640                               | 2950               | 5                        | 3                           |
| 5x3 VIP     | 400                       | 1515                                   | 47-135                                | 325-930                               | 3525               | 5                        | 3                           |
| 5x3x11A VIP | 400                       | 1515                                   | 66-179                                | 455-1235                              | 3525               | 5                        | 3                           |
| 5x3x11 VIP  | 400                       | 1515                                   | 69-181                                | 475-1250                              | 3525               | 5                        | 3                           |
| 5x3 VIP     | 450                       | 1705                                   | 44-132                                | 305-910                               | 3525               | 5                        | 3                           |
| 5x3 VIP     | 500                       | 1895                                   | 41-128                                | 285-885                               | 3525               | 5                        | 3                           |
| 6x6 VIP     | 750                       | 2840                                   | 65-100                                | 450-690                               | 2975               | 6                        | 6                           |
| 6x6 VIP     | 750                       | 2840                                   | 47-148                                | 325-1020                              | 3575               | 6                        | 6                           |
| 2x2x8B VIP  | 50                        | 190                                    | 40-135                                | 275-930                               | 3525               | 2                        | 2                           |
| 2x2x8B VIP  | 75                        | 285                                    | 42-134                                | 290-925                               | 3525               | 2                        | 2                           |
| 2x2x8B VIP  | 100                       | 380                                    | 63-131                                | 435-905                               | 3525               | 2                        | 2                           |
| 4x3x11A VIP | 150                       | 570                                    | 66-133                                | 455-915                               | 2950               | 4                        | 3                           |
| 4x3x11A VIP | 150                       | 570                                    | 69-188                                | 475-1295                              | 3525               | 4                        | 3                           |
| 4x3x11 VIP  | 150                       | 570                                    | 70-150                                | 485-1035                              | 3525               | 4                        | 3                           |
| 4x3x11 VIP  | 150                       | 570                                    | 73-213                                | 505-1470                              | 3525               | 4                        | 3                           |
| 4x3x11A VIP | 200                       | 755                                    | 65-132                                | 450-910                               | 2950               | 4                        | 3                           |
| 4x3x11 VIP  | 200                       | 755                                    | 68-149                                | 470-1025                              | 3525               | 4                        | 3                           |
| 4x3x11A VIP | 200                       | 755                                    | 68-186                                | 470-1280                              | 3525               | 4                        | 3                           |
| 4x3x11 VIP  | 200                       | 755                                    | 71-212                                | 490-1460                              | 3525               | 4                        | 3                           |
| 4x3x11A VIP | 250                       | 945                                    | 63-132                                | 435-895                               | 2950               | 4                        | 3                           |
| 4x3x11 VIP  | 250                       | 945                                    | 66-146                                | 455-1005                              | 2950               | 4                        | 3                           |
| 4x3x11A VIP | 250                       | 945                                    | 66-182                                | 455-1255                              | 3525               | 4                        | 3                           |
| 4x3x11 VIP  | 250                       | 945                                    | 68-211                                | 470-1455                              | 3525               | 4                        | 3                           |
| 4x3 VIP     | 300                       | 1135                                   | 50-132                                | 450-910                               | 3520               | 4                        | 3                           |
| 4x3x11A VIP | 300                       | 1135                                   | 61-130                                | 420-875                               | 2950               | 4                        | 3                           |
| 4x3x11A VIP | 300                       | 1135                                   | 62-176                                | 425-1215                              | 3525               | 4                        | 3                           |
| 4x3x11 VIP  | 300                       | 1135                                   | 63-146                                | 435-1005                              | 2950               | 4                        | 3                           |
| 4x3x11 VIP  | 300                       | 1135                                   | 64-210                                | 440-1450                              | 3525               | 4                        | 3                           |
| 5x3x11A VIP | 400                       | 1515                                   | 70-140                                | 485-965                               | 2950               | 5                        | 3                           |
| 5x3x11 VIP  | 400                       | 1515                                   | 71-152                                | 490-1050                              | 2950               | 5                        | 3                           |



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|-------------|---------------------------|--|---------------------------------------|---------------------------------------|--------------------|--------------------------|-----------------------------|
| 5x3 VIP     | 450                       | 1705                                   | 43-91                                 | 295-625                               | 2950               | 5                        | 3                           |
| 5x3x11A VIP | 450                       | 1705                                   | 62-178                                | 440-1225                              | 3525               | 5                        | 3                           |
| 5x3x11 VIP  | 450                       | 1705                                   | 66-181                                | 455-1250                              | 3525               | 5                        | 3                           |
| 5x3x11A VIP | 450                       | 1705                                   | 69-139                                | 475-960                               | 2950               | 5                        | 3                           |
| 5x3x11 VIP  | 450                       | 1705                                   | 69-152                                | 475-1050                              | 2950               | 5                        | 3                           |
| 5x3x11A VIP | 500                       | 1895                                   | 67-137                                | 460-945                               | 2950               | 5                        | 3                           |
| 5x3x11 VIP  | 500                       | 1895                                   | 67-151                                | 460-1040                              | 2950               | 5                        | 3                           |
| 5x3x11A VIP | 500                       | 1895                                   | 70-176                                | 490-1215                              | 3525               | 5                        | 3                           |
| 5x3x11 VIP  | 500                       | 1895                                   | 72-181                                | 510-1250                              | 3525               | 5                        | 3                           |
| 8x8x18A VIP | 750                       | 2840                                   | 41-99                                 | 285-685                               | 1480               | 8                        | 8                           |
| 8x8x13A VIP | 1000                      | 3785                                   | 40-78                                 | 275-540                               | 1780               | 8                        | 8                           |
| 8x8x18A VIP | 1000                      | 3785                                   | 42-141                                | 290-970                               | 1780               | 8                        | 8                           |
| 8x8x18A VIP | 1000                      | 3785                                   | 44-95                                 | 305-655                               | 1480               | 8                        | 8                           |
| 8x8x13A VIP | 1250                      | 4730                                   | 52-76                                 | 360-525                               | 1780               | 8                        | 8                           |
| 8x8x18A VIP | 1250                      | 4730                                   | 75-137                                | 515-945                               | 1780               | 8                        | 8                           |



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