



Certificate of Compliance

This certificate is issued for the following:

Centrifugal Fire Pumps (Axial Split-Case Type)

Models 4HF12, 4HF12L, 5HF11, 6HF12, 8HF13
(see ratings attached)

Prepared for:

Pumpsense Fluid Engineering Pvt Ltd.
96 Garden Reach Rd
5/F Hastings Court, Tower A
Kolkata 700023
India

FM Approvals Class: 1311 (January 2018)

Approval Identification: PR449206

Approval Granted: November 19, 2019

To verify the product continues to be Approved please refer to 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 dark ink, appearing to read 'D. B. Fuller', is written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group



Certificate of Compliance

This certificate is issued for the following:

**Centrifugal Fire Pumps
(Axial Split-Case Type)**

Models 6HF18, 6HF21, 8HF17 and 8HF21
(see ratings on page 2)

Prepared for:

Pumpsense Fluid Engineering Private Limited
96, Garden Reach Rd
5/F, Hastings Court, Tower A
Kolkata 700023
India

FM Approvals Class: 1311

Approval Identification: 3052348

Approval Granted: July 20, 2017

To verify the product continues to be Approved please refer to 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, appearing to read 'D. B. Fuller', written over a horizontal line.

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



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<i>Product</i>	<i>Rated Capacity, (gal/min)</i>	<i>Rated Capacity, (dm³/min)</i>	<i>Rated Net Head at Rated Capacity, psi</i>	<i>Rated Net Head at Rated Capacity, kPa</i>	<i>Rated Speed, r/min</i>	<i>Suction Inlet, dia., in.</i>	<i>Discharge Outlet, dia., in.</i>	<i>Stage(s)</i>
6HF18	1500	5680	101-124	695-855	1800	8	6	1
6HF21	1500	5680	100-140	690-965	1480	8	6	1
8HF21	2000	7570	98-126	675-870	1480	10	8	1
8HF17	2000	7570	110-140	760-965	1770	10	8	1
8HF17	2500	9465	106-136	730-940	1770	10	8	1



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