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# Pentair International LLC

## LIMITED PRODUCTION CERTIFICATION REPORT

### SCOPE OF WORK

Limited Production Certification (ETLus) of Motor operated water pumps (various models)

### REPORT NUMBER

200022111UDI-ETLa

### ISSUE DATE

25-June-2019

### PAGES

3

### DOCUMENT CONTROL NUMBER

SFT-ETL LPC-OP-19c (28-July-2017)

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## LIMITED PRODUCTION CERTIFICATION REPORT

<b>Report Number</b>	200022111UDI-ETLa	<b>Original Issued</b>	25-June-2019	<b>Revised</b>	None
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<b>Standard(s)</b>	UL 778:2016Ed.6+R:20Oct2017 Motor-Operated Water Pumps
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<b>Applicant</b>	Pentair International LLC	<b>Manufacturer</b>	Pentair Manufacturing Italy S.r.l.
<b>Address</b>	Avenue de Sevelin, 18 1004 Lausanne	<b>Address</b>	Via Masaccio, 13 56010 Lugnano, PISA
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Product Description	
<b>Product</b>	Motor-Operated Water Pumps
<b>Brand name</b>	Pentair, Pentair Aurora, Fairbanks
<b>Description</b>	The products covered by this report are commercial, indoor use, permanently connected Motor-Operated Water Pumps
<b>Models</b>	PVMX 20-3 FT
<b>Model Similarity</b>	All products covered by this report are commercial, indoor use, permanently connected Motor-Operated Water Pumps
<b>Ratings</b>	PVMX 20-3 FT: rated 400V, 3 phases, 60Hz, 10.1A, 5.5kW
<b>Other Ratings</b>	NA

Labeling		
Model	Serial No.	LPC No.
PVMX 20-3 FT	52076123-0001	1000806
PVMX 20-3 FT	52076123-0002	1000807
PVMX 20-3 FT	52076123-0003	1000808

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## LIMITED PRODUCTION CERTIFICATION REPORT

Test Summary					
Evaluation Period	March 18 – 22, 2019		Project No.	22111	
Sample Rec. Date	March 18, 2019	Condition	Production	Sample ID.	--
Test Location	Pentair Manufacturing Italy S.r.l. – Via Masaccio, 13 – 56010 Lugnano, PISA – ITALY				
Test Procedure	Testing at Manufacturers Premises (TMP) - Level 1				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
Test Description		UL 778:2016Ed.6 + R:20Oct2017 Clause			
Starting Current Test		38			
Input Test		39			
Temperature Test		40			
Dielectric Voltage-Withstand Test		41			
Flooding Test		45			
Insulation Resistance Test		46			
Operation Test		52			
Abnormal Operation Test: Dry operation		53.1			

Conclusion			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated above.			
Please note, this Report does not represent authorization for the applicant or manufacturer to apply Intertek Certification Marks.			
<b>Completed by:</b>	Anna Baruzzi	<b>Reviewed by:</b>	Andrea Pirovano
<b>Title:</b>	Senior Project Engineer	<b>Title:</b>	Senior Project Engineer
<b>Signature:</b>		<b>Signature:</b>	