

Q3 2017 EARNINGS RELEASE

October 24, 2017

FORWARD-LOOKING STATEMENTS

CAUTION CONCERNING FORWARD-LOOKING STATEMENTS

THIS PRESENTATION CONTAINS STATEMENTS THAT WE BELIEVE TO BE "FORWARD-LOOKING STATEMENTS" WITHIN THE MEANING OF THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995. ALL STATEMENTS, OTHER THAN STATEMENTS OF HISTORICAL FACT ARE FORWARD-LOOKING STATEMENTS. WITHOUT LIMITATION, ANY STATEMENTS PRECEDED OR FOLLOWED BY OR THAT INCLUDE THE WORDS "TARGETS," "PLANS," "BELIEVES," "EXPECTS," "INTENDS," "WILL," "LIKELY," "MAY," "ANTICIPATES," "ESTIMATES," "PROJECTS," "SHOULD," "WOULD," "POSITIONED," "STRATEGY," "FUTURE" OR WORDS, PHRASES OR TERMS OF SIMILAR SUBSTANCE OR THE NEGATIVE THEREOF, ARE FORWARD-LOOKING STATEMENTS. THESE FORWARD-LOOKING STATEMENTS ARE NOT GUARANTEES OF FUTURE PERFORMANCE AND ARE SUBJECT TO RISKS, UNCERTAINTIES, ASSUMPTIONS AND OTHER FACTORS, SOME OF WHICH ARE BEYOND OUR CONTROL, WHICH COULD CAUSE ACTUAL RESULTS TO DIFFER MATERIALLY FROM THOSE EXPRESSED OR IMPLIED BY SUCH FORWARD-LOOKING STATEMENTS. THESE FACTORS INCLUDE THE ABILITY TO SATISFY THE NECESSARY CONDITIONS TO CONSUMMATE THE PLANNED SEPARATION OF OUR WATER BUSINESS AND ELECTRICAL BUSINESS INTO TWO INDEPENDENT, PUBLICLY-TRADED COMPANIES (THE "PROPOSED SEPARATION") ON A TIMELY BASIS OR AT ALL; THE ABILITY TO SUCCESSFULLY SEPARATE THE WATER AND ELECTRICAL BUSINESSES AND REALIZE THE ANTICIPATED BENEFITS FROM THE PROPOSED SEPARATION; ADVERSE EFFECTS ON THE WATER AND ELECTRICAL BUSINESS OPERATIONS OR FINANCIAL RESULTS AND THE MARKET PRICE OF OUR SHARES AS A RESULT OF THE ANNOUNCEMENT OR CONSUMMATION OF THE PROPOSED SEPARATION; UNANTICIPATED TRANSACTION EXPENSES, SUCH AS LITIGATION OR LEGAL SETTLEMENT EXPENSES; FAILURE TO OBTAIN TAX RULINGS OR CHANGES IN TAX LAWS; CHANGES IN CAPITAL MARKET CONDITIONS; THE IMPACT OF THE PROPOSED SEPARATION ON OUR EMPLOYEES, CUSTOMERS AND SUPPLIERS; OVERALL GLOBAL ECONOMIC AND BUSINESS CONDITIONS IMPACTING THE WATER AND ELECTRICAL BUSINESSES; FUTURE OPPORTUNITIES THAT OUR BOARD MAY DETERMINE PRESENT GREATER POTENTIAL TO INCREASE SHAREHOLDER VALUE; THE ABILITY OF THE WATER AND ELECTRICAL BUSINESSES TO OPERATE INDEPENDENTLY FOLLOWING THE PROPOSED SEPARATION; THE ABILITY TO ACHIEVE THE BENEFITS OF OUR RESTRUCTURING PLANS; THE ABILITY TO SUCCESSFULLY IDENTIFY, FINANCE, COMPLETE AND INTEGRATE ACQUISITIONS; COMPETITION AND PRICING PRESSURES IN THE MARKETS WE SERVE; THE STRENGTH OF HOUSING AND RELATED MARKETS; VOLATILITY IN CURRENCY EXCHANGE RATES AND COMMODITY PRICES; INABILITY TO GENERATE SAVINGS FROM EXCELLENCE IN OPERATIONS INITIATIVES CONSISTING OF LEAN ENTERPRISE, SUPPLY MANAGEMENT AND CASH FLOW PRACTICES; INCREASED RISKS ASSOCIATED WITH OPERATING FOREIGN BUSINESSES; THE ABILITY TO DELIVER BACKLOG AND WIN FUTURE PROJECT WORK; FAILURE OF MARKETS TO ACCEPT NEW PRODUCT INTRODUCTIONS AND ENHANCEMENTS; THE IMPACT OF CHANGES IN LAWS AND REGULATIONS, INCLUDING THOSE THAT LIMIT U.S. TAX BENEFITS; THE OUTCOME OF LITIGATION AND GOVERNMENTAL PROCEEDINGS; AND THE ABILITY TO ACHIEVE OUR LONG-TERM STRATEGIC OPERATING GOALS. ADDITIONAL INFORMATION CONCERNING THESE AND OTHER FACTORS IS CONTAINED IN OUR FILINGS WITH THE SEC, INCLUDING OUR QUARTERLY REPORT ON FORM 10-Q FOR THE QUARTER ENDED SEPTEMBER 30, 2017. ALL FORWARD-LOOKING STATEMENTS SPEAK ONLY AS OF THE DATE OF THIS PRESENTATION. PENTAIR PLC ASSUMES NO OBLIGATION, AND DISCLAIMS ANY OBLIGATION, TO UPDATE THE INFORMATION CONTAINED IN THIS PRESENTATION.

KEY DEFINITIONS

- **Except as Otherwise Noted All References to 2017 and 2016 Represent Our Results from Continuing Operations for the Period Indicated, Presented on an Adjusted Basis**
- **"Core Sales" Refers to GAAP Revenue from Continuing Operations Excluding (1) the Impact of Currency Translation and (2) the Impact of Revenue from Acquired Businesses Recorded Prior to the First Anniversary of the Acquisition Less the Amount of Sales Attributable to Divested Product Lines Not Considered Discontinued Operations**
- **"Adjusted Core Sales" Represents "Core Sales" Excluding the Impact of 3 Large Canadian Oil Sands Jobs in Electrical and 1 Large Dairy Job in Water**
- **Segment Income Represents Equity Income of Unconsolidated Subsidiaries and Operating Income from Continuing Operations Exclusive of Non-Cash Intangible Amortization, Certain Acquisition Related Expenses, Costs of Restructuring Activities, "Mark-to-Market" Gain (Loss) for Pension and Other Post-Retirement Plans, Impairments, and Other Unusual Non-Operating Items**
- **Return on Sales ("ROS") Equals Segment Income Divided by Sales**
- **See Appendix for GAAP to Non-GAAP Reconciliations**

EXECUTIVE SUMMARY

Solid Performance Across the Board

- Adjusted Core Sales Grew 1%
- Return on Sales Expanded 100 bps to 18.9%
- Adjusted EPS Grew 22%

Separation Remains on Track

- Electrical Form 10 Expected to be Filed in Coming Week
- First and Second Level Management Identified
- On Track for Spin to Occur in Q2'18

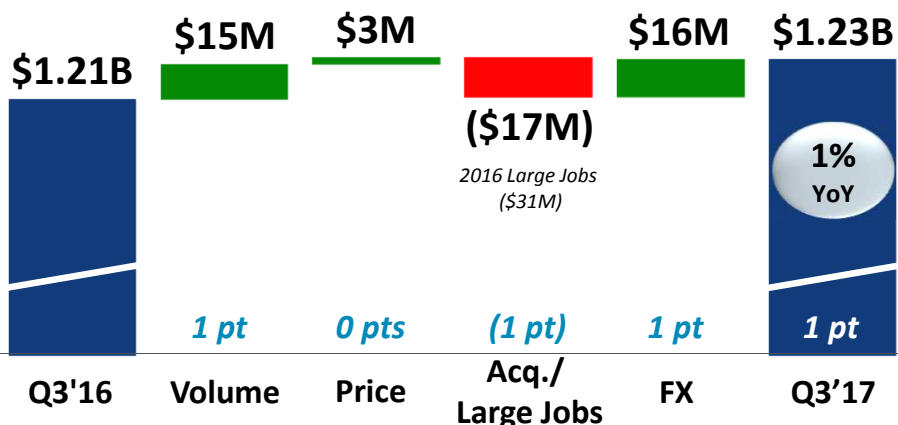
Gaining Momentum Exiting 2017

- Raising Adjusted EPS Guidance to ~\$3.53
- Adjusted Core Sales Growth Gaining Momentum
- Cost Take Out and Lower Interest Expense Carryover to 2018

Delivering on 2017 Commitments

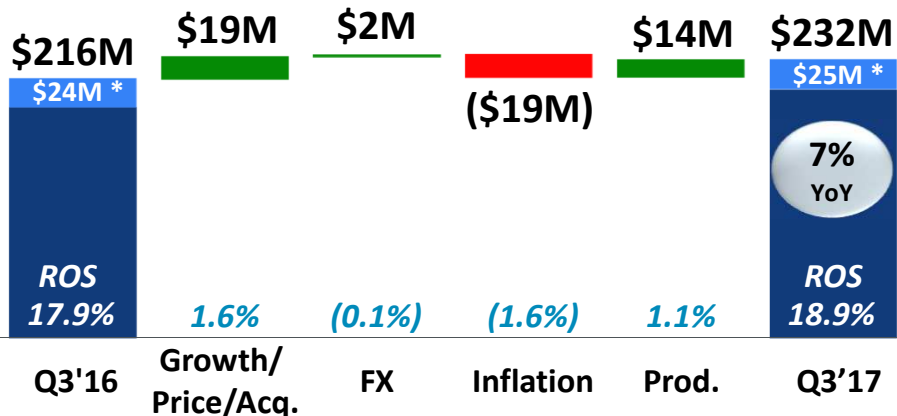
Q3'17 PENTAIR PERFORMANCE

SALES



SEGMENT INCOME

*Non-Cash Intangible Amortization



FINANCIAL HIGHLIGHTS (YoY)

Adjusted Core Sales Up 1% (YTD Up 1%)

- Water Up 1% (YTD Up 1%)
- Electrical Up 2% (YTD Up 2%)

Segment Income Up 7%

ROS 18.9% ... Up 100 bps

Adj. EPS \$0.95 ... Up 22%

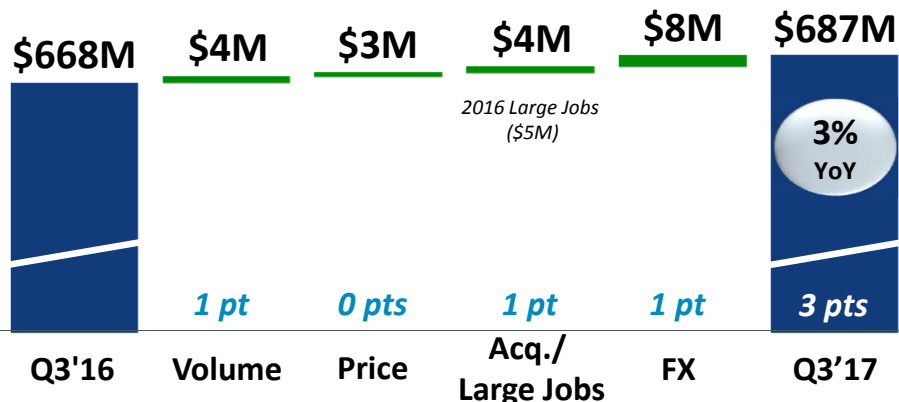
- Adjusted Tax Rate of 20.0%
- Net Interest of \$14M; Shares 183.5M

Q3 Free Cash Flow \$198M; YTD \$375M

Delivered Solid Q3 Across Both Segments

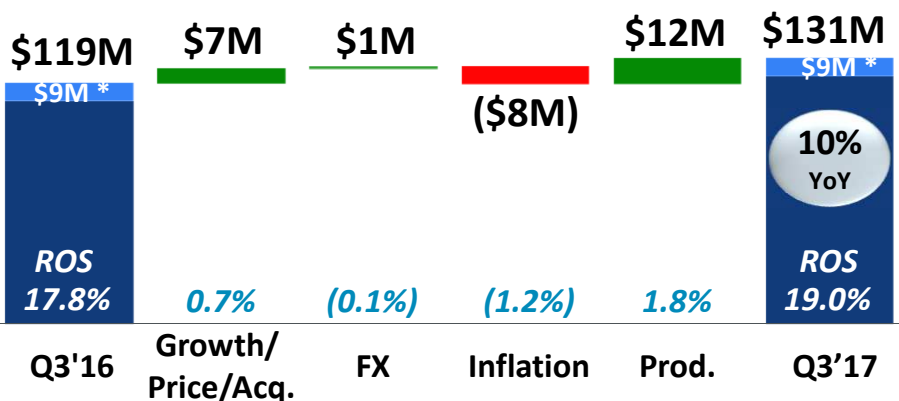
Q3'17 WATER SEGMENT PERFORMANCE

SALES



SEGMENT INCOME

*Non-Cash Intangible Amortization



CORE SALES AND HIGHLIGHTS (YoY)

Filtration & Process Down 4% (YTD Down 3%)

- Foodservice and Residential Strength
- Weak Beverage Activity

Flow Technologies Down 2% (YTD Down 3%)

- Agriculture Recovery
- Infrastructure Pump Softness

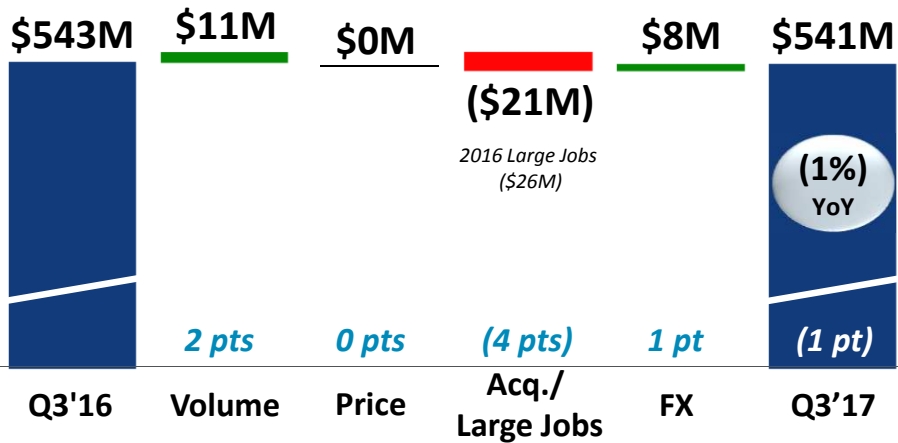
Aquatic Systems Up 9% (YTD Up 7%)

- Strong End to the Pool Season
- Continued Dealer Wins

Adjusted Core Sales Growth Turned Positive; Margins Remain Strong

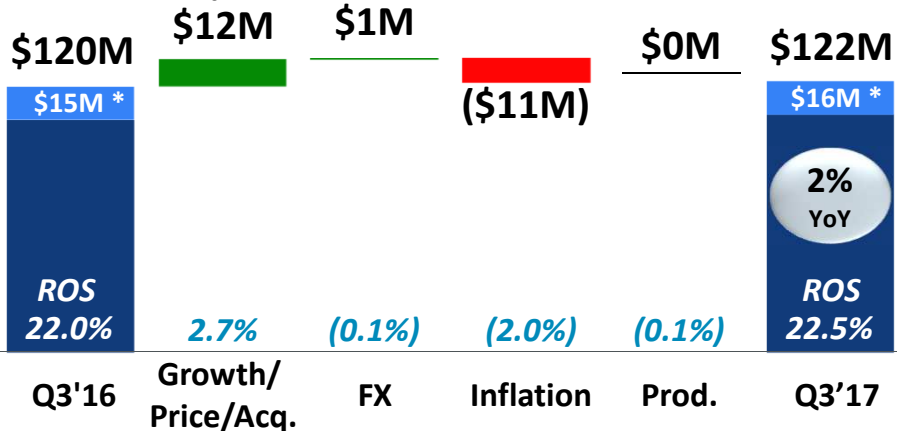
Q3'17 ELECTRICAL SEGMENT PERFORMANCE

SALES



SEGMENT INCOME

*Non-Cash Intangible Amortization



CORE SALES AND HIGHLIGHTS (YoY)

Enclosures Up 2% (YTD Up 1%)

- Industrial Continued to Strengthen
- Telecom Stabilizing with Improved Orders

Thermal Management Down 11% (YTD Down 14%)

- Improving Orders Across All End Markets
- Quoting Activity Remains Healthy

Electrical & Fast. Solutions Flat (YTD Up 1%)

- Commercial Growth Continued
- Infrastructure Weakness

Industrial Strength and Margin Expansion

SEPARATION UPDATE



May 9, 2017 **Announced Plan to Separate Water and Electrical**

October 2017 **Expect to File Form 10 for nVent**

January 30, 2018 **Report Q4'17 Results and Initial 2018 Outlook**

February 13, 2018 **Pentair and nVent Investor Meetings**

April 24, 2018 **Report Q1'18 Earnings Results**

Q2 2018 **Expect nVent Spin to be Complete**



We are Prepared to Stand Up Two Well Positioned Companies

BALANCE SHEET AND CASH FLOW

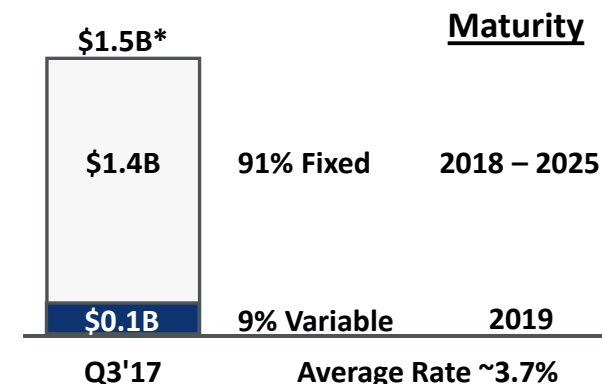
CASH FLOW

(\$M)	Q3 2017	YTD 2017
Net Income - Continuing Ops	\$ 127	\$ 276
Amortization	25	73
Subtotal	\$ 152	\$ 349
Depreciation	22	64
Capital Expenditures	(13)	(50)
Asset Sales	3	7
Working Capital	(34)	(74)
Other Accruals/Other	67	16
Free Cash Flow – Total	\$ 197	\$ 312
Free Cash Flow – Discontinued Ops	(1)	(63)
Free Cash Flow – Continuing Ops	\$ 198	\$ 375

Forecasted FY Key Financial Metrics:

- **Capital Expenditures ~\$80M**
- **Total D&A of ~\$185M + ~\$36M of Non-Cash Stock Compensation**
- **ROIC at Quarter End 11.5%**

DEBT SUMMARY



*Does Not Include \$109M of Cash on Hand

DEBT ROLLFORWARD

Use of Cash: (\$M)	Q3 2017	YTD 2017
Beginning Debt	\$ 1,699	\$ 4,279
Used (Generated) Cash	(197)	(312)
Share Repurchase	--	100
Dividends	63	189
Debt Repayments	(217)	(2,852)
Other	155	99
Ending Debt	\$ 1,503	\$ 1,503

Strong Balance Sheet and Cash Flow

Q4'17 PENTAIR OUTLOOK

	<u>Q4'17</u>	<u>Q4'16</u>
Sales	~\$1.24B	\$1.19B
Op. Income	~\$202M	\$162M
Seg. Income	~\$227M	\$204M
ROS	~18%	17.2%
EPS <i>(Rpt.)</i>	~\$0.82	\$0.60
EPS <i>(Adj.)</i>	~\$0.93	\$0.78

SUMMARY

- Residential and Short Cycle Industrial Strength Expected to Continue
- Productivity and Cost Out Actions Continue ... Material Inflation Expected to Moderate
- Free Cash Flow Expected to be Seasonally Strong

Q4'17 FINANCIAL OUTLOOK (YoY)

Adjusted Core Sales Up ~2%

- Water Up ~2%
- Electrical Up ~2%

Segment Income Up ~11%

ROS ~18% ... Up ~80 bps

- Water ~19%
- Electrical ~21%

Adj. EPS Up ~19%

- Tax Rate of ~20%
- Net Interest ~\$14M; Shares ~184M

Q4 Free Cash Flow Expected to be Strong and In Line with Seasonality

Expect Continued Top Line, Margin, and EPS Strength

FULL YEAR 2017 PENTAIR OUTLOOK

	<u>FY'17</u>	<u>FY'16</u>
Sales	~\$4.9B	\$4.9B
Op. Income	~\$745M	\$701M
Seg. Income	~\$898M	\$840M
ROS	~18%	17.2%
EPS <i>(Rpt.)</i>	~\$2.41	\$2.47
EPS <i>(Adj.)</i>	~\$3.53	\$3.05

SUMMARY

- Adjusted Core Sales Expected to Grow in Both Segments for the Full Year
- Margins Expected to Benefit from Growth Leverage and Improved Productivity
- Balance Sheet Significantly Improved and Cash Flow Strength

FY'17 FINANCIAL OUTLOOK (YoY)

Adjusted Core Sales Up ~2%

- Water Up ~1%
- Electrical Up ~2%

Segment Income Up ~7%

ROS ~18% ... Up ~100 bps

- Water ~19%
- Electrical ~22%

Adj. EPS Up ~16%

- Tax Rate of ~20%
- Net Interest ~\$88M; Shares ~184M

Targeting Free Cash Flow ~100% of Adjusted Net Income

Building Momentum Exiting 2017



APPENDIX

GAAP to Non-GAAP Measurements & Reconciliations

REPORTED TO ADJUSTED 2017 RECONCILIATION

Pentair plc and Subsidiaries
Reconciliation of the GAAP year ended December 31, 2017 to the non-GAAP
excluding the effect of 2017 adjustments (Unaudited)

	Actual			Forecast		
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Full Year	
<i>In millions, except per-share data</i>						
Total Pentair						
Net sales	\$ 1,183.5	\$ 1,265.3	\$ 1,226.8	approx \$ 1,238	approx	\$ 4,914
Operating income	138.4	212.8	192.2	approx	202	approx 745
<i>% of net sales</i>	11.7%	16.8%	15.7%	approx	16%	approx 15%
Adjustments:						
Restructuring and other	20.9	17.4	4.9	approx	—	approx 43
Intangible amortization	24.0	24.6	24.6	approx	25	approx 99
Separation costs	—	—	9.9	approx	—	approx 10
Equity income of unconsolidated subsidiaries	0.2	0.4	0.3	approx	—	approx 1
Segment income	183.5	255.2	231.9	approx	227	approx 898
<i>% of net sales</i>	15.5%	20.2%	18.9%	approx	18%	approx 18%
Net income from continuing operations—as reported	80.7	68.3	127.1	approx	151	approx 442
Loss on sale of business	—	—	3.8	approx	—	approx 4
Loss on early extinguishment of debt	—	101.4	—	approx	—	approx 101
Adjustments to operating income	44.9	42.0	39.4	approx	25	approx 152
Income tax adjustments	(6.9)	(27.8)	4.1	approx	(5)	approx (51)
Net income from continuing operations—as adjusted	\$ 118.7	\$ 183.9	\$ 174.4	approx	\$ 171	approx \$ 648
Continuing earnings per ordinary share—diluted						
Diluted earnings per ordinary share—as reported	\$ 0.44	\$ 0.37	\$ 0.69	approx	\$ 0.82	approx \$2.41
Adjustments	0.21	0.63	0.26	approx	0.11	approx 1.12
Diluted earnings per ordinary share—as adjusted	\$ 0.65	\$ 1.00	\$ 0.95	approx	\$ 0.93	approx \$3.53

Q3 2017 CORE SALES GROWTH RECONCILIATION

Pentair plc and Subsidiaries
Reconciliation of Net Sales Growth to Core Net Sales Growth by Strategic Business Group
for the quarter ended September, 2017 (Unaudited)

	Q3 Net Sales Growth					Total
	Core ex. Large Jobs	Large Jobs	Core	Currency	Acq./ Div	
Water	1.0%	(0.8%)	0.2%	1.2%	1.4%	2.8%
Filtration & Process			(4.2%)	1.9%	3.3%	1.0%
Flow Technologies			(2.4%)	1.3%	—%	(1.1%)
Aquatic Systems			8.5%	0.3%	0.7%	9.5%
Electrical	2.1%	(4.8%)	(2.7%)	1.4%	0.8%	(0.5%)
Enclosures			2.0%	0.8%	—%	2.8%
Thermal Management			(10.9%)	2.3%	—%	(8.6%)
Electrical & Fastening Solutions			(0.3%)	1.4%	3.2%	4.3%
Total Pentair	1.4%	(2.5%)	(1.1%)	1.3%	1.1%	1.3%

YTD 2017 CORE SALES GROWTH RECONCILIATION

Pentair plc and Subsidiaries
Reconciliation of Net Sales Growth to Core Net Sales Growth by Strategic Business Group
for the nine months ended September 30, 2017 (Unaudited)

	Nine Months Ended Net Sales Growth					
	Core ex. Large Jobs	Large Jobs	Core	Currency	Acq./ Div	Total
Water	1.0%	(0.9%)	0.1%	0.1%	1.1%	1.3%
Filtration & Process			(3.0%)	0.1%	2.9%	—%
Flow Technologies			(3.2%)	0.1%	—%	(3.1%)
Aquatic Systems			7.1%	0.2%	0.2%	7.5%
Electrical	1.9%	(5.9%)	(4.0%)	—%	0.8%	(3.2%)
Enclosures			0.8%	(0.3%)	—%	0.5%
Thermal Management			(14.1%)	0.4%	—%	(13.7%)
Electrical & Fastening Solutions			0.8%	—%	3.0%	3.8%
Total Pentair	1.4%	(3.1%)	(1.7%)	0.1%	0.9%	(0.7%)

OTHER RECONCILIATIONS

	Third Quarter 2016	Fourth Quarter 2016	First Quarter 2017	Second Quarter 2017	Third Quarter 2017
<i>Dollars in millions</i>					
Return on Invested Capital (ROIC)					
Segment Income	\$ 216.2	\$ 204.4	\$ 183.5	\$ 255.2	\$ 231.9
Reported Effective Tax Rate	21.5%	12.5%	22.1%	21.0%	27.3%
Adjusted Effective Tax Rate	21.5%	15.7%	20.0%	20.0%	20.0%
NOPAT	\$ 169.7	\$ 172.4	\$ 146.8	\$ 204.2	\$ 185.5
Depreciation	20.8	20.3	21.4	20.6	21.9
Capital expenditures ("Cap Ex")	(30.5)	(23.3)	(23.6)	(14.0)	(12.9)
Total NOPAT, Depreciation and Cap Ex	\$ 160.0	\$ 169.4	\$ 144.6	\$ 210.8	\$ 194.5
Trailing four quarter NOPAT, Depreciation and Cap Ex	\$ 653.7	\$ 637.9	\$ 654.6	\$ 684.8	\$ 719.3
Ending Invested Capital	\$ 6,169.0	\$ 5,972.4	\$ 6,286.4	\$ 6,424.9	\$ 6,403.5
Trailing five quarter average invested capital	\$ 6,155.6	\$ 6,110.4	\$ 6,150.1	\$ 6,184.8	\$ 6,251.2
After Tax Return on Invested Capital	10.6%	10.4%	10.6%	11.1%	11.5%

NOPAT (Net Operating Profit After Tax) is Defined as [(Segment Income) X (1 - Adjusted Effective Tax Rate)]

Ending Invested Capital is Defined as [Total Shareholders' Equity + Long-term Debt + Current Maturities of Long-term Debt and Short-term Borrowings - Cash and Cash Equivalents - Net Assets Held for Sale]

	Third Quarter 2016	Fourth Quarter 2016	First Quarter 2017	Second Quarter 2017	Third Quarter 2017
Free Cash Flow					
Net cash provided by (used for) operating activities	\$ 138.8	\$ 242.7	\$ (88.7)	\$ 299.6	\$ 207.6
Capital expenditures	(30.5)	(23.3)	(23.6)	(14.0)	(12.9)
Proceeds from sale of property and equipment	16.5	0.6	—	3.8	3.3
Free cash flow from continuing operations	\$ 124.8	\$ 220.0	\$ (112.3)	\$ 289.4	\$ 198.0
Net cash provided by (used for) operating activities of discontinued operations	48.5	61.9	(17.3)	(38.3)	(1.1)
Capital expenditures of discontinued operations	(4.8)	(5.0)	(3.9)	(2.9)	—
Proceeds from sale of property and equipment of discontinued operations	8.4	10.6	0.2	0.1	—
Free cash flow	\$ 176.9	\$ 287.5	\$ (133.3)	\$ 248.3	\$ 196.9

REPORTED TO ADJUSTED 2016 RECONCILIATION

Pentair plc and Subsidiaries
Reconciliation of the GAAP year ended December 31, 2016 to the non-GAAP
excluding the effect of 2016 adjustments (Unaudited)

<i>In millions, except per-share data</i>	Actual				
	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Full Year
Total Pentair					
Net sales	\$ 1,190.0	\$ 1,301.2	\$ 1,210.7	\$ 1,188.1	\$ 4,890.0
Operating income	152.7	203.4	182.8	161.8	700.7
<i>% of net sales</i>	12.8%	15.6%	15.1%	13.6%	14.3%
Adjustments:					
Restructuring and other	0.6	12.2	8.1	(0.3)	20.6
Pension and other post-retirement mark-to-market loss	—	—	—	4.2	4.2
Intangible amortization	24.2	24.3	24.1	23.8	96.4
Trade name impairment	—	—	—	13.3	13.3
Equity income of unconsolidated subsidiaries	0.4	1.1	1.2	1.6	4.3
Segment income	177.9	241.0	216.2	204.4	839.5
<i>% of net sales</i>	15.0%	18.5%	17.9%	17.2%	17.2%
Net income from continuing operations—as reported	91.8	132.7	117.5	109.6	451.6
Loss on sale of businesses	—	—	—	3.9	3.9
Adjustments to operating income	24.8	36.5	32.2	41.0	134.5
Income tax adjustments	(5.4)	(7.9)	(7.0)	(10.7)	(31.0)
Net income from continuing operations—as adjusted	\$ 111.2	\$ 161.3	\$ 142.7	\$ 143.8	\$ 559.0
Continuing earnings per ordinary share—diluted					
Diluted earnings per ordinary share—as reported	\$ 0.50	\$ 0.73	\$ 0.64	\$ 0.60	\$ 2.47
Adjustments	0.11	0.15	0.14	0.18	0.58
Diluted earnings per ordinary share—as adjusted	\$ 0.61	\$ 0.88	\$ 0.78	\$ 0.78	\$ 3.05

SHIPPING DAYS

YEAR	Q1	Q2	Q3	Q4	FY
2014	62	63	63	63	251
2015	61	63	63	64	251
2016	63	64	64	60	251
2017	64	63	63	60	250
2018	63	64	63	61	251