

Q4 2017 EARNINGS RELEASE

January 30, 2018

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

Q4'17

- Adjusted Core Sales Grew 4%
- Return on Sales Expanded 80 bps to 18.0%
- Adjusted EPS Grew 19%

Full Year 2017

- Adjusted Core Sales Grew 2%
- Return on Sales Expanded 100 bps to 18.2%
- Adjusted EPS Grew 16% ... Another Strong Free Cash Flow Year

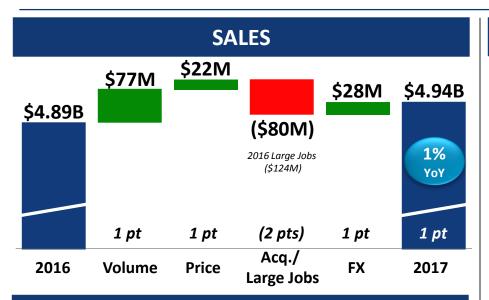
Outlook 2018

- Solid Core Sales Growth Expected in both Water and Electrical
- ROS Expansion to Moderate as Growth Investments Continue
- Targeting Spin of Electrical for April 30

Delivered 2017 Commitments as Predictability Returns

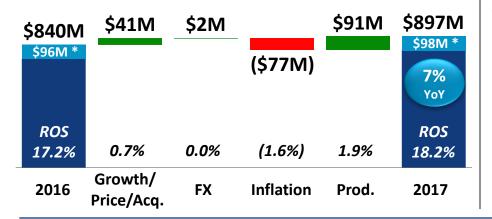
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FULL YEAR 2017 PENTAIR PERFORMANCE





*Non-Cash Intangible Amortization



FINANCIAL HIGHLIGHTS (YOY)

Adjusted Core Sales Up 2%

- Water Up 2%
- Electrical Up 3%

Segment Income Up 7%

ROS 18.2% ... Up 100 bps

Adj. EPS \$3.53 ... Up 16%

- Adjusted Tax Rate of 20.0%
- Net Interest of \$87M; Shares 184M

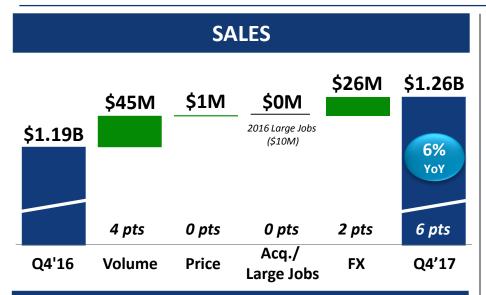
Full Year Free Cash Flow \$611M

94% Conversion to Adj. Net Income ... 100%
 Excluding Tax Settlement

Strong Segment Income, Margin, and EPS Growth

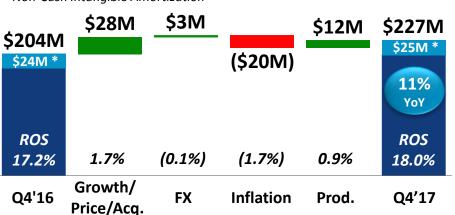


Q4'17 PENTAIR PERFORMANCE





*Non-Cash Intangible Amortization



FINANCIAL HIGHLIGHTS (YoY)

Adjusted Core Sales Up 4%

- Water Up 3%
- Electrical Up 5%

Segment Income Up 11%

ROS 18.0% ... Up 80 bps

Adj. EPS \$0.93 ... Up 19%

- Adjusted Tax Rate of 20.0%
- Net Interest of \$13M; Shares 184M

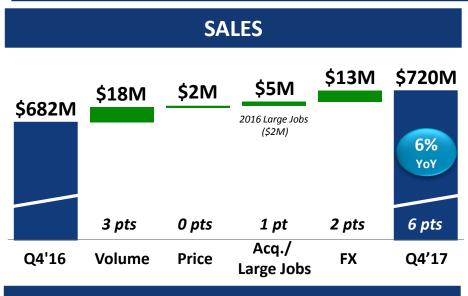
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Q4 Free Cash Flow \$236M

Solid Growth Across Portfolio

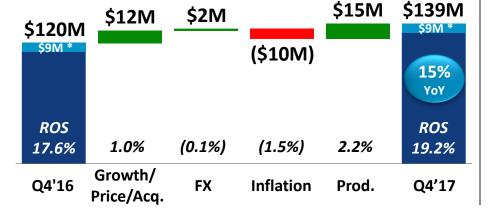


Q4'17 WATER SEGMENT PERFORMANCE





*Non-Cash Intangible Amortization



CORE SALES AND HIGHLIGHTS (YOY)

Filtration Solutions Down 2% (FY Down 3%)

- Residential & Commercial Strength
- Beverage Weakness Continued

Flow Technologies Up 4% (FY Down 2%)

- Commercial Growth Accelerated
- Ag Strength Continued

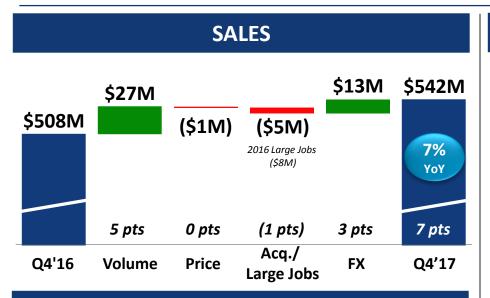
Aquatic Systems Up 5% (FY Up 7%)

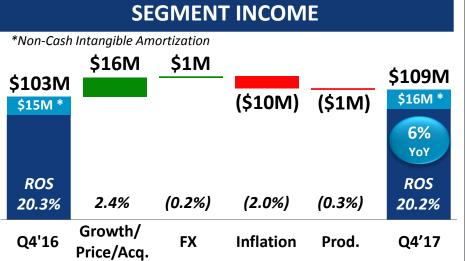
- Continued Strength in NA Pool
- Normal Early Buy Activity

Accelerating Growth Driving Strong ROS Expansion



Q4'17 ELECTRICAL SEGMENT PERFORMANCE





CORE SALES AND HIGHLIGHTS (YOY)

Enclosures Up 8% (FY Up 2%)

- Industrial Strength
- Broad-Based Geographical Strength

Thermal Management Down 3% (FY Down 11%)

- North America MRO Continued to be Strong
- Last Quarter with Large Jobs Headwind

Electrical & Fast. Solutions Up 7% (FY Up 2%)

- Commercial Strength
- Infrastructure Recovering

Top Line Strength Offset by Inflation Headwinds



SEPARATION UPDATE

Form 10 Filed and Review Process Ongoing

New Leadership Teams in Place for Water and Electrical

Enterprise Separation Activities On or Ahead of Schedule

Expecting Capital Structures to be Determined by End of Q1

February 13 Investor Meetings for Water and Electrical

Targeting Separation to be Completed on April 30

Well Underway to Stand Up Two Focused Companies

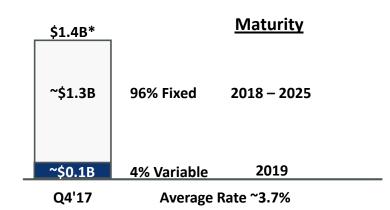
BALANCE SHEET AND CASH FLOW

CASH FLOW											
(\$M)	2	Q4 2017		YTD 2017							
Net Income - Continuing Ops	\$	204	\$	480							
Amortization		25		98							
Subtotal	\$	229	\$	578							
Depreciation		21		85							
Capital Expenditures		(20)		(71)							
Asset Sales		1		8							
Working Capital		48		(26)							
Other Accruals/Other		(40)		(23)							
Free Cash Flow – Total	\$	239	\$	551							
Free Cash Flow – Discontinued Ops		3		(60)							
Free Cash Flow – Continuing Ops	\$ 236 \$ 6										

Full Year Key Financial Metrics:

- Capital Expenditures ~\$71M
- Total D&A of ~\$183M + ~\$33M of Non-Cash
 Stock Compensation (Continuing Ops)
- ROIC at Quarter End 11.6%

DEBT SUMMARY



^{*}Does Not Include \$113M of Cash on Hand

DEBT ROLLFORWARD

Lice of Cachy (CM)	Q4 2017	YTD 2017
Use of Cash: (\$M) Beginning Debt	\$ 1,503	\$ 4,279
Used (Generated) Cash	(239)	(551)
Share Repurchase	100	200
Dividends	63	252
Debt Repayments	(70)	(2,922)
Other	84	183
Ending Debt	\$ 1,441	\$ 1,441

Strong Balance Sheet and Cash Flow



2018 OUTLOOK

	WATER	ELECTRICAL	PENTAIR
Core Sales	Up ~2-4%	Up ~2-4%	Up ~2-4%
Sales	~\$2.95B	~\$2.15B	~\$5.10B
ROS	Up ~40bps	~Flat	Up ~20bps
Corporate Expense	~\$55M	~\$45M	~\$100M
Interest Expense	~\$20M	~\$30M	~\$50M
Tax Rate	~18%	~18%	~18%
Adjusted EPS	~\$2.20-\$2.30	~\$1.70-\$1.80	~\$4.00
Shares	~183M	~183M	~183M

KEY CONSIDERATIONS

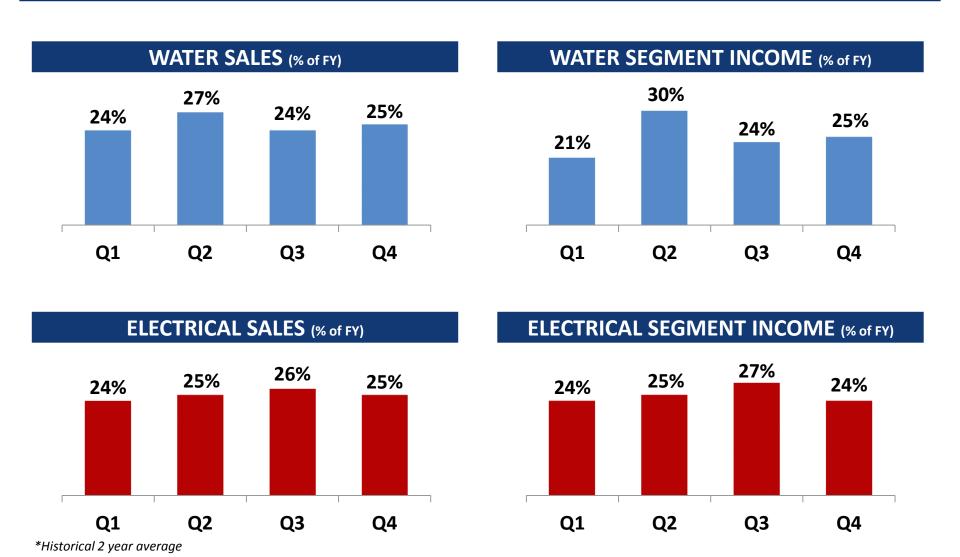
- FX Sales Benefit of ~1%
- ROS Inclusive of Growth Investments
- Tax Rate Benefit of ~2% from Tax Reform

- Continue to Target Investment Grade Metrics for Both Companies
- Capital Expenditures ~\$85M
- Total D&A of ~\$180M + ~\$30M of Non-Cash Stock Compensation

Expecting Solid Top Line and EPS Growth



SEASONALITY* PRESENT IN BOTH BUSINESSES



Expect Historical Trends to Continue



Q1'18 PENTAIR OUTLOOK

Sales	Q1'18 ~\$1.26B	Q1'17 \$1.18B
Op. Income	~\$171M	\$138M
Seg. Income	~\$195M	\$184M
ROS	~15.5%	15.5%
EPS (Rpt.)	~\$0.70-\$0.72	\$0.44
EPS (Adj.)	~\$0.81-\$0.83	\$0.65

SUMMARY

- Expect Strong Top Line Growth to Continue
- Growth Investments and Duplicative Costs
 Expected to Mute Margin Expansion
- Expect Free Cash Flow Usage Consistent with Historical Seasonality

Q1'18 FINANCIAL OUTLOOK (YoY)

Core Sales Up ~3%

- Water Up ~3%
- Electrical Up ~3%

Segment Income Up ~6%

ROS ~15.5% ... Flat

- Water ~17%
- Electrical ~19%

Adj. EPS Up ~26%

- Tax Rate of ~18%
- Net Interest ~\$13M
- Shares ~183M

Building Momentum into Planned Separation

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)

la millione accept man about a data	First	Second	Third	Fourth	Full Year
In millions, except per-share data Total Pentair	Quarter	Quarter	Quarter	Quarter	Tear
Net sales	\$ 1,183.5	\$ 1,265.3	\$1,226.8	\$1,260.9	\$4,936.5
Operating income	138.4	212.8	192.2	137.4	680.8
% of net sales	11.7%	16.8%	15.7%	10.9%	13.8%
Adjustments:					
Restructuring and other	20.9	9.8	_	_	30.7
Pension and other post-retirement mark-to-market loss	_	_	_	1.6	1.6
Intangible amortization	24.0	24.6	24.6	24.5	97.7
Separation costs	_	7.6	14.8	30.7	53.1
Trade name and other impairment	_	_	_	32.0	32.0
Equity income of unconsolidated subsidiaries	0.2	0.4	0.3	0.4	1.3
Segment income	183.5	255.2	231.9	226.6	897.2
Return on sales	15.5%	20.2%	18.9%	18.0%	18.2%
Net income from continuing operations—as reported	80.7	68.3	127.1	203.9	480.0
Loss on sale of businesses	_	_	3.8	0.4	4.2
Loss on early extinguishment of debt	_	101.4	_	_	101.4
Adjustments to operating income	44.9	42.0	39.4	88.8	215.1
Income tax adjustments	(6.9)	(27.8)	4.1	(122.4)	(153.0)
Net income from continuing operations—as adjusted	\$ 118.7	\$ 183.9	\$ 174.4	\$ 170.7	\$ 647.7
Continuing earnings per ordinary share—diluted					
Diluted earnings per ordinary share—as reported	\$ 0.44	\$ 0.37	\$ 0.69	\$ 1.11	\$ 2.61
Adjustments	0.21	0.63	0.26	(0.18)	0.92
Diluted earnings per ordinary share—as adjusted	\$ 0.65	\$ 1.00	\$ 0.95	\$ 0.93	\$ 3.53

Q4 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 December 31, 2017 (Unaudited)

Q4 Net Sales Growth

	Adjusted				Acq./	
	Core	Large Jobs	Core	Currency	Div	Total
Water	3.1%	(0.4%)	2.7%	1.8%	1.1%	5.6%
Filtration Solutions			(1.5%)	3.3%	3.0%	4.8%
Flow Technologies			4.0%	1.9%	-%	5.9%
Aquatic Systems			4.8%	0.5%	-%	5.3%
Electrical	5.2%	(1.5%)	3.7%	2.5%	0.5%	6.7%
Enclosures			7.7%	1.8%	-%	9.5%
Thermal Management			(3.1%)	3.5%	-%	0.4%
Electrical & Fastening Solutions			6.6%	2.5%	2.1%	11.2%
Total Pentair	3.9%	(0.8%)	3.1%	2.2%	0.8%	6.1%

FULL YEAR 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 year ended December 31, 2017 (Unaudited)

Full Year Net Sales Growth **Adjusted** Acq./ Large Jobs Total Currency Div Core Core 1.6% 0.8% 1.1% 2.4% (0.8%)0.5% Water Filtration Solutions (2.6%)0.9% 2.9% 1.2% Flow Technologies (1.6%)0.5% -% (1.1%)Aquatic Systems 6.5% 0.3% 0.1% 6.9% Electrical 2.8% (4.9%)(2.1%)0.5% 0.7% (0.9%)2.4% 0.2% 2.6% Enclosures: -% Thermal Management 1.2% -% (10.1%)(11.3%)**Electrical & Fastening Solutions** 2.2% 0.5% 5.5% 2.8% **Total Pentair** 2.0% (2.5%)(0.5%)0.6% 0.9% 1.0%

OTHER RECONCILIATIONS

	Fourth		First		First S		Third		ı	ourth
	Quarter			Quarter		Quarter	Quarter		C	(uarter
Dollars in millions	2016		_	2017	2017			2017		2017
Return on Invested Capital (ROIC)										
Segment Income	\$	204.4	\$	183.5	\$	255.2	\$	231.9	\$	226.6
Reported Effective Tax Rate		12.5%		22.1%		21.0%		27.3%		-64.2%
Adjusted Effective Tax Rate	15.7%			20.0%		20.0%		20.0%		20.0%
NOPAT	\$	172.4	\$	146.8	\$	204.2	\$	185.5	\$	181.3
Depreciation		20.3		21.4		20.6		21.9		21.3
Capital expenditures ("Cap Ex")		(23.3)		(23.6)		(14.0)		(12.9)		(20.4)
Total NOPAT, Depreciation and Cap Ex	\$	169.4	\$	144.6	\$	210.8	\$	194.5	\$	182.2
Trailing four quarter NOPAT, Depreciation and Cap Ex	\$	637.9	\$	654.6	\$	684.8	\$	719.3	\$	732.1
Ending Invested Capital	\$	5,972.4	\$	6,286.4	\$	6,424.9	\$	6,403.5	\$	6,365.2
Trailing five quarter average invested capital	\$	6,110.4	\$	6,150.1	\$	6,184.8	\$	6,251.2	\$	6,290.5
After Tax Return on Invested Capital		10.4%		10.6%		11.1%		11.5%		11.6%

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]

	Fourth Quarter 2016		Full Year 2016		Fourti Quarte 2017		Full Year 2017
Free Cash Flow							
Net cash provided by (used for) operating activities	\$	242.7	\$	702.4	\$	255.5	\$ 674.0
Capital expenditures		(23.3)		(117.8)		(20.4)	(70.9)
Proceeds from sale of property and equipment		0.6		24.7		0.8	7.9
Free cash flow from continuing operations	\$	220.0	\$	609.3	\$	235.9	\$ 611.0
Net cash provided by (used for) operating activities of discontinued operations		61.9		159.0		2.9	(53.8)
Capital expenditures of discontinued operations		(5.0)		(20.4)		_	(6.8)
Proceeds from sale of property and equipment of discontinued operations		10.6		21.9		_	0.3
Free cash flow	\$	287.5	\$	769.8	\$	238.8	\$ 550.7



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)

In millions, except per-share data	First Quarter					Third Quarter		ourth uarter		Full Year
Total Pentair	,				•					
Net sales	\$ 1,19	90.0	\$	1,301.2	\$1	,210.7	\$1	,188.1	\$4	1,890.0
Operating income	15	52.7		203.4		182.8		161.8		700.7
% of net sales	1	2.8%		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	2	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	17	77.9		241.0		216.2		204.4		839.5
Return on sales	1	5.0%		18.5%		17.9%		17.2%		17.2%
Net income from continuing operations—as reported	ġ	91.8		132.7		117.5		109.6		451.6
Loss on sale of businesses		_		_		_		3.9		3.9
Adjustments to operating income	2	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	\$ 13	l1.2	\$	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

REPORTED TO ADJUSTED 2018 RECONCILIATION

Pentair plc and Subsidiaries Reconciliation of the GAAP year ended December 31, 2018 to the non-GAAP excluding the effect of 2018 adjustments (Unaudited)

Forecast

	Water Electri					ctrical				Pentair						
		Full		Full			•		Full							
In millions, except per-share data		Year			Year		C	Quarter			Year					
Total Pentair																
Net sales	approx	\$	2,950	approx	\$	2,150	approx	\$	1,260	approx	\$	5,100				
Operating income	approx		489	approx		359	approx		171	approx		848				
% of net sales	approx		16.6%	approx		16.7%	approx		13.6%	approx		16.6%				
Adjustments:																
Intangible amortization	approx		35	approx		61	approx		24	approx		96				
Equity income of unconsolidated subsidiaries	approx		1	approx			approx		_	approx		1				
Segment income			525			420			195			945				
Return on sales	approx		17.7%	approx		19.4%	approx		15.5%	approx		18.4%				
Net income from continuing operations—as																
reported	approx		385	approx		268	approx		129	approx		653				
Adjustments to operating income	approx		35	approx		61	approx		24	approx		96				
Income tax adjustments	approx		(6)	approx		(11)	approx		(4)	approx		(17)				
Net income from continuing operations—as																
adjusted	approx	\$	414	approx	\$	318	approx	\$	149	approx	\$	732				
Continuing earnings per ordinary share—diluted				-						_						
Diluted earnings per ordinary share—as reported	approx	\$2.04 -	\$2.14	approx	\$1.43	3 - \$1.53	approx	\$0.7	70 - 0.72	approx		\$3.57				
Adjustments	approx		0.16	approx		0.27	approx		0.11	approx		0.43				
Diluted earnings per ordinary share—as adjusted	approx	\$2.20 -	- \$2.30	approx	\$1.70	- \$1.80	approx	\$0.8		approx		\$4.00				