

Use this 12 digit model number when ordering. Reference Page 2 for all considerations when system number building.

LEAN GAS SAMPLING

+ = Price Adder

Model Numbering

For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	Connection Size	Probe Length Enter 2 digit length	Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size
						ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.		
520 = GPR Probe and Heater Block	V = Vertical	0 = 3/4" NPT	04"	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet
				0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting	
	S = Slim	1 = 1" NPT	07"	1 = Perfluoroelastomer +		2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W T3 heater
				2 = RGD resistant HNBR +				

MODEL NUMBER:

520 - [] [] [] [] [] [] [] []

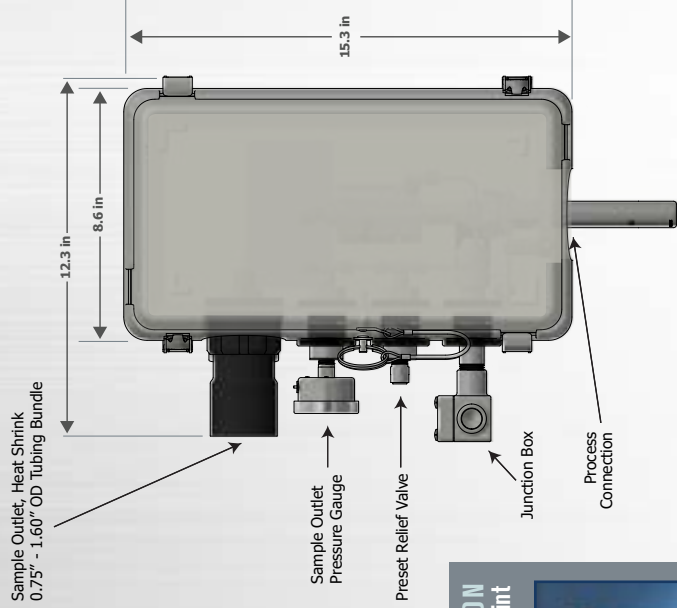


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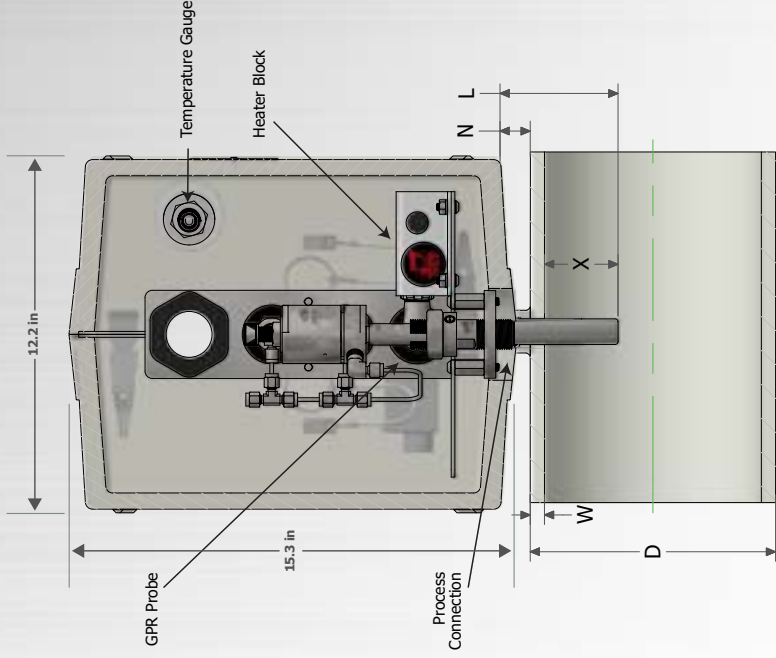
Model 520 | **Type I**
MOUNT



SLIM OPTION
8.6 inch footprint



ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
W	Pipe Wall Thickness	_____ inches/mm
N	Nozzle (Nipple) Length	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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RICH GAS SAMPLING

+ = Price Adder

Model Numbering

For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	Connection Size	Probe Length Enter 2 digit length	Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size	
						ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.			
521 = GP2 Probe and GHR	V = Vertical	0 = 3/4" NPT	04"	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet	
				0 = Fluoroelastomer					
	S = Slim	1 = 1" NPT	07"	1 = Perfluoroelastomer +	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting		4 = 1/4" Tube Outlet
				2 = RGD resistant HNBR +					
					2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W T3 heater		

MODEL NUMBER:

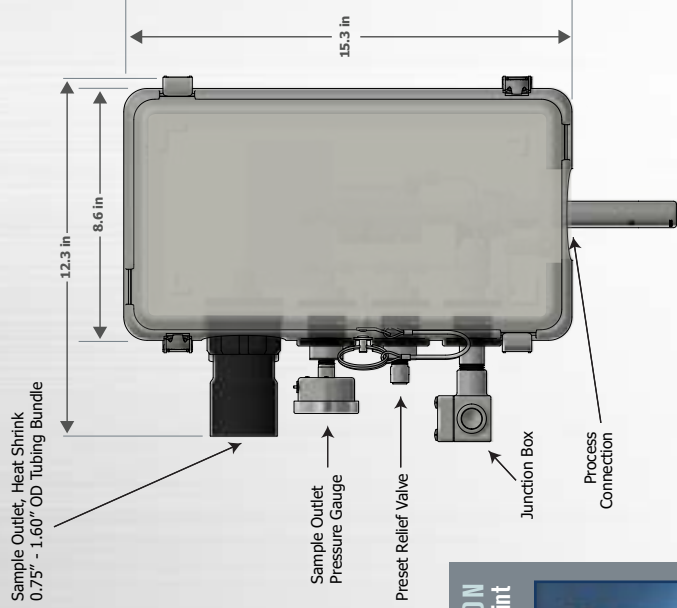
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Analytically Correct Engineered Systems

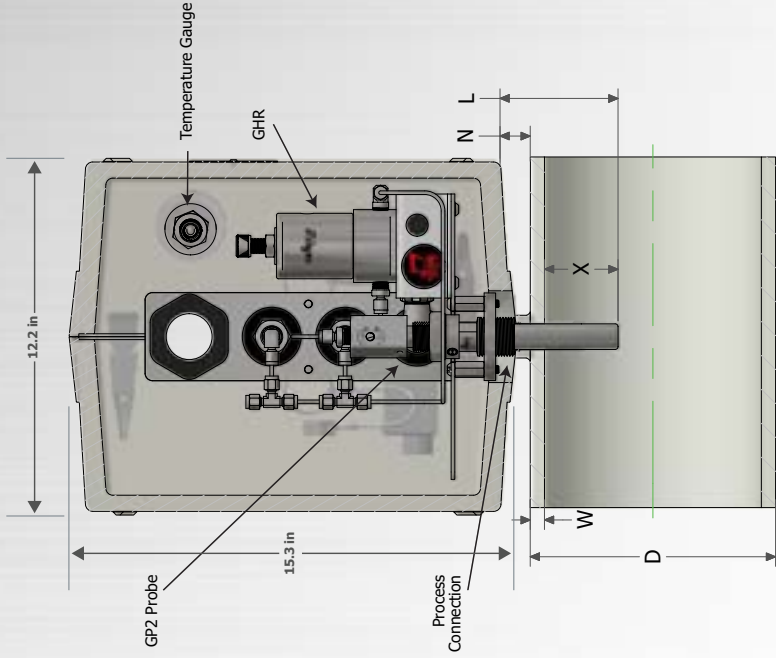
Model 521 | **Type I**
MOUNT



SLIM OPTION
8.6 inch footprint



ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
W	Pipe Wall Thickness	_____ inches/mm
N	Nozzle (Nipple) Length	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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[Retractable Probe]

**HIGH
PRESSURE
SAMPLING**

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	Connection Size	Probe Length Enter 2 digit length	Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size	
						ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.			
522 = GP2 Probe and JTR-H	V = Vertical	0 = 3/4" NPT	04"	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet	
				0 = Fluoroelastomer					
	S = Slim	1 = 1" NPT	07"	1 = Perfluoroelastomer +	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting		4 = 1/4" Tube Outlet
				2 = RGD resistant HNBR +					

MODEL NUMBER:

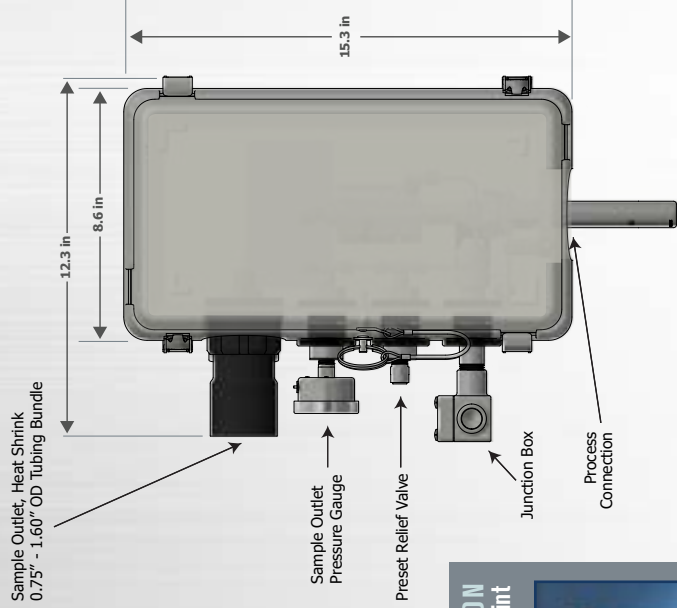
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Analytically Correct Engineered Systems

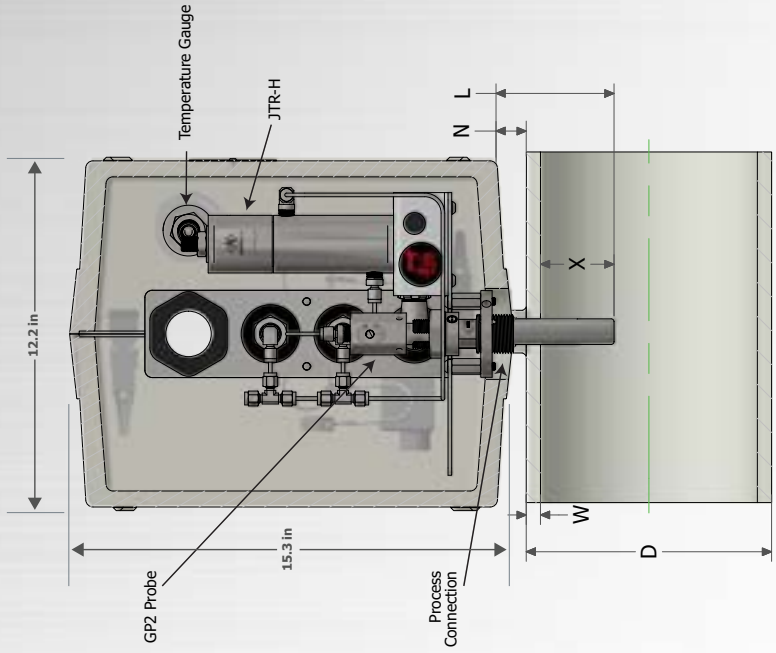
Model 522 | **Type I**
MOUNT



SLIM OPTION
8.6 inch footprint



ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
W	Pipe Wall Thickness	_____ inches/mm
N	Nozzle (Nipple) Length	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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LEAN GAS SAMPLING

 = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size				
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.						
530 = 755 Probe and Heater Block	V = Vertical	0 = 3/4" NPT	12"	09" to 16" 	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet				
										18"	17" to 22" 	0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)
			24" 	1 = Perfluoroelastomer 	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater							
							36" 	2 = RGD resistant HNBR 					
			S = Slim	1 = 1" NPT	23" to 34" 	2 = 0-100 psig (0 - 6.9 barg)				A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater		
	36" 	2 = RGD resistant HNBR 					2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater				A2 = ATEX, 22-26 VDC, 25W, T3 heater	

MODEL NUMBER:

530

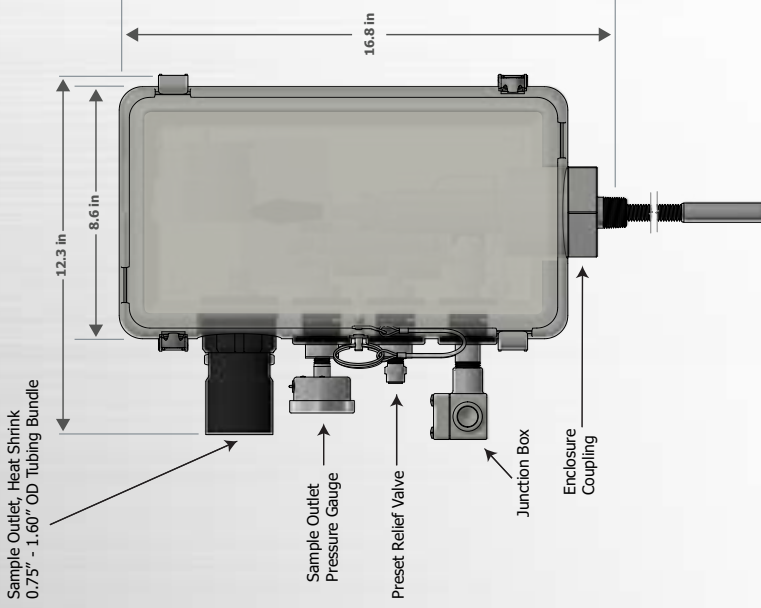
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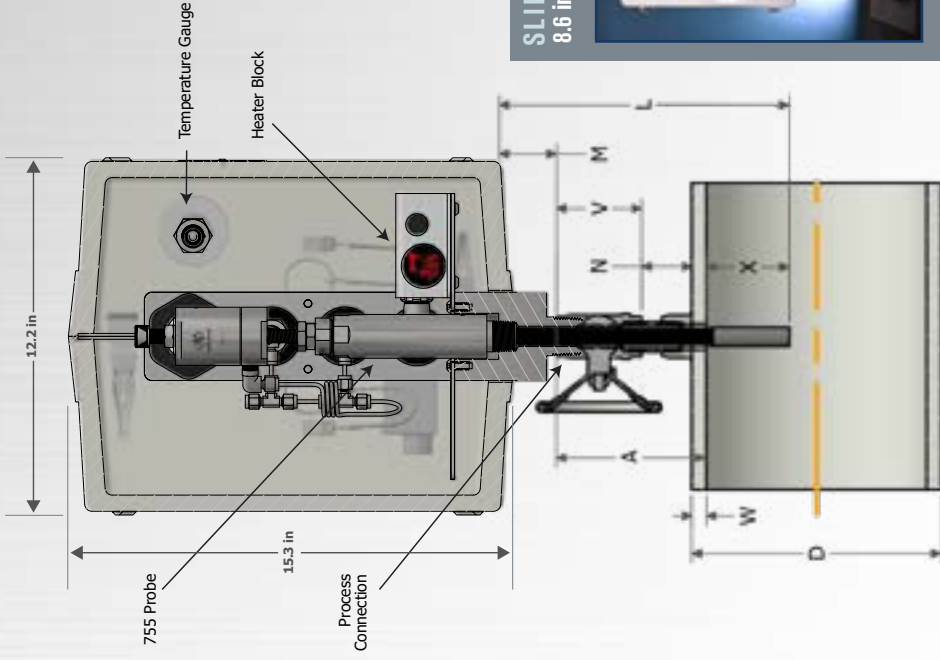


Analytically Correct Engineered Systems

Model 530 | **Type II**
MOUNT



ACES™ Quick Build



SLIM OPTION
8.6 inch footprint



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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RICH GAS SAMPLING

 = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size		
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.				
531 = 750 Probe and GHR	V = Vertical	0 = 3/4" NPT	12"	09" to 16" 	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet		
			18"							17" to 22" 	0 = Fluoroelastomer
			24" 	23" to 34" 	1 = Perfluoroelastomer 	2 = 0-100 psig (0 - 6.9 barg) 	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater			
	36" 	2 = RGD resistant HNBR 	2 = 0-100 psig (0 - 6.9 barg) 							A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater
	S = Slim 			1 = 1" NPT	1 = Perfluoroelastomer 	2 = 0-100 psig (0 - 6.9 barg) 	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater			

MODEL NUMBER:

-

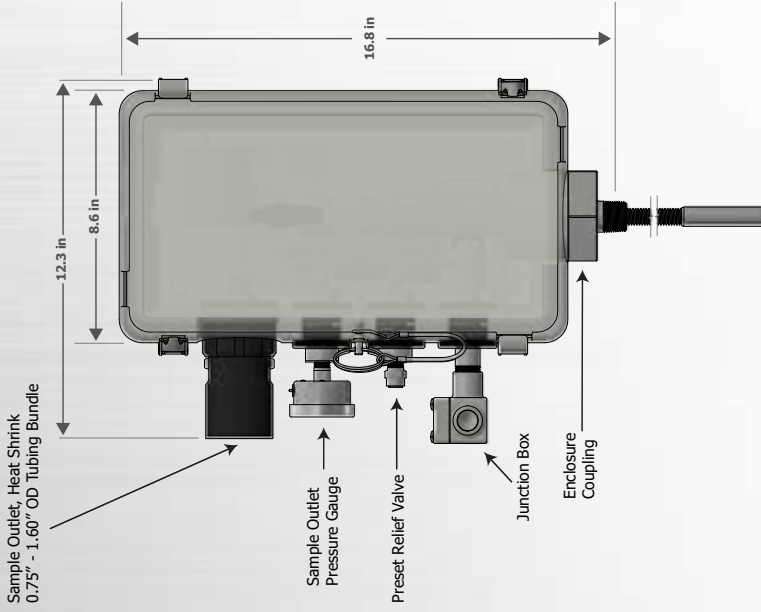
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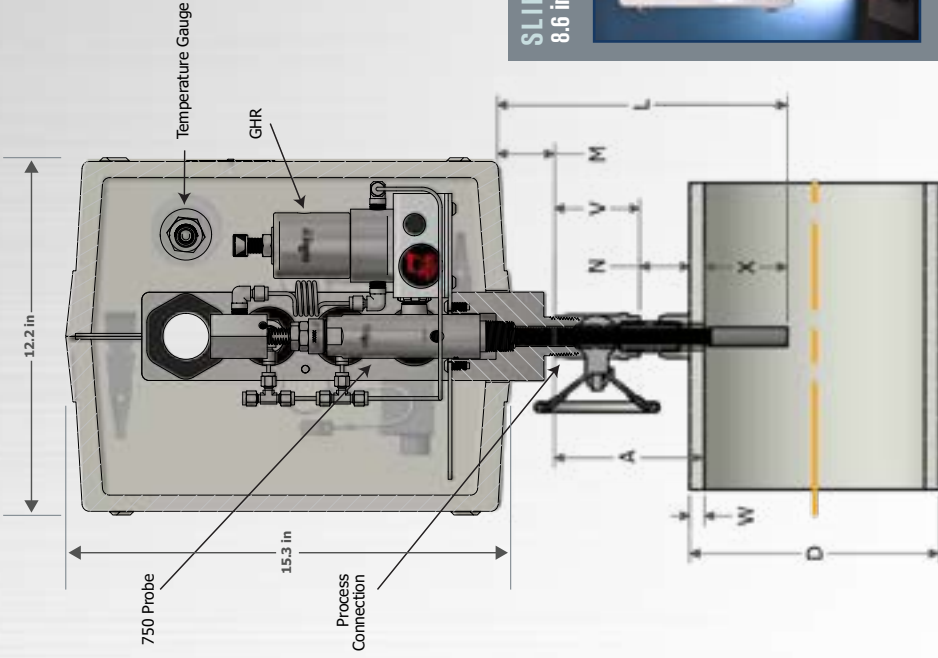


Analytically Correct Engineered Systems

Model 531 | **Type II**
MOUNT



ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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[Retractable Probe]

**HIGH
PRESSURE
SAMPLING**

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size				
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.						
532 = 750 Probe and JTR-H	V = Vertical	0 = 3/4" NPT	12"	09" to 16" +	H = Default (Per individual components)	0 = 0 -25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet				
			18"							17" to 22" +	0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting
			24" +	1 = Perfluoroelastomer +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater						
			36" +					2 = RGD resistant HNBR +					
			36" +	2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater						
	36" +	2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)					A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater				
	36" +			2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater						
	36" +	2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)					A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater				
	36" +			2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater						
	36" +	2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)					A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater				
36" +	2 = RGD resistant HNBR +			2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater							

MODEL NUMBER:

532

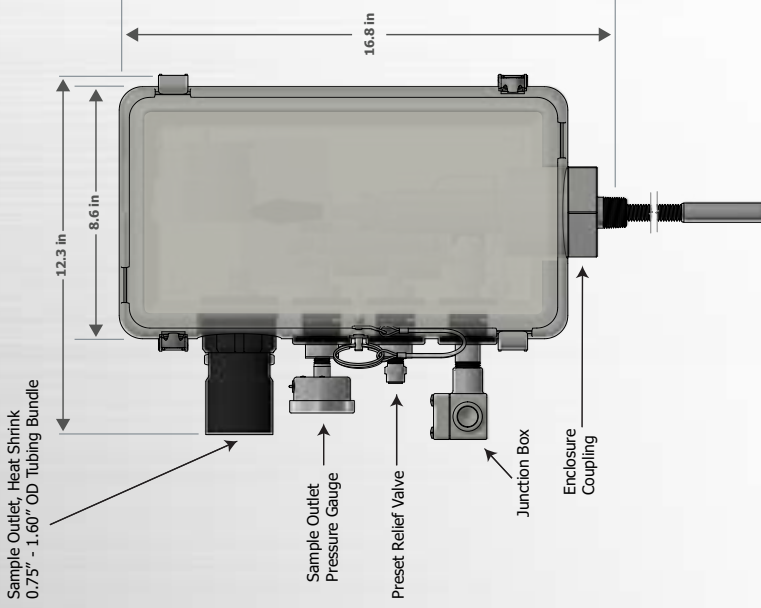
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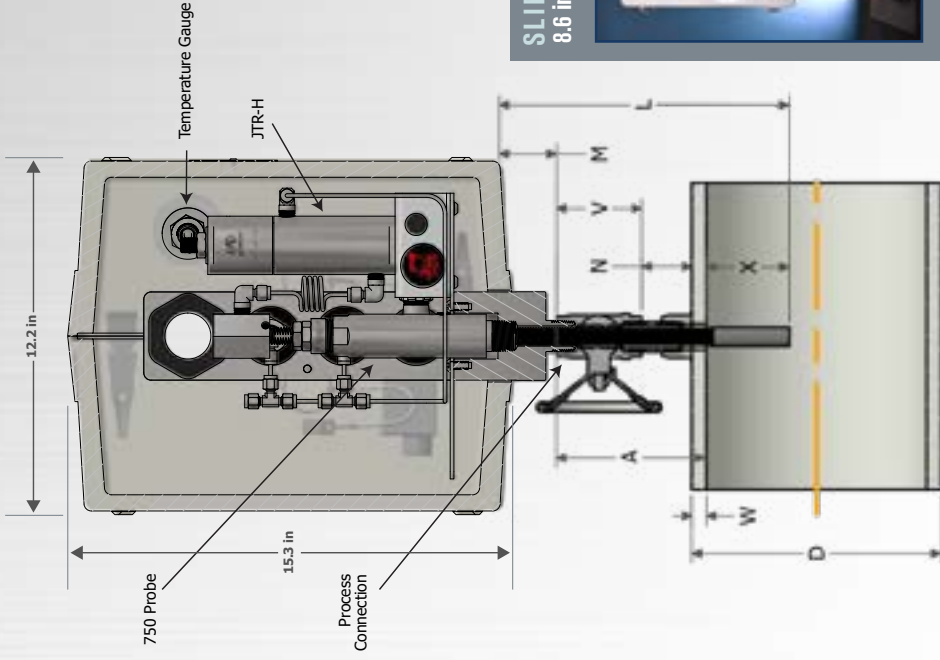


Analytically Correct Engineered Systems

Model 532 | **Type II**
MOUNT



ACES™ Quick Build



SLIM OPTION
8.6 inch footprint



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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TWO-PHASE SAMPLING

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size													
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.															
561 = 761 Probe and GHR	V = Vertical	0 = 3/4" NPT	12"	09" to 16" +	H = Default (Per individual components)	0 = 0 -25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet													
			18"							17" to 22" +	0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting								
			24" +	1 = Perfluoroelastomer +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater															
			36" +					2 = RGD resistant HNBR +							2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater					
			S = Slim +	1 = 1" NPT	23" to 34" +	1 = Perfluoroelastomer +	2 = 0-100 psig (0 - 6.9 barg)			2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater	4 = 1/4" Tube Outlet									
	24" +	1 = Perfluoroelastomer +			2 = 0-100 psig (0 - 6.9 barg)			2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater					A2 = ATEX, 22-26 VDC, 25W, T3 heater								
	36" +														2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater				
	12" +																		1 = Perfluoroelastomer +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater
	18" +																					
	24" +	2 = RGD resistant HNBR +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater																	
36" +	2 = RGD resistant HNBR +					2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater														

MODEL NUMBER:

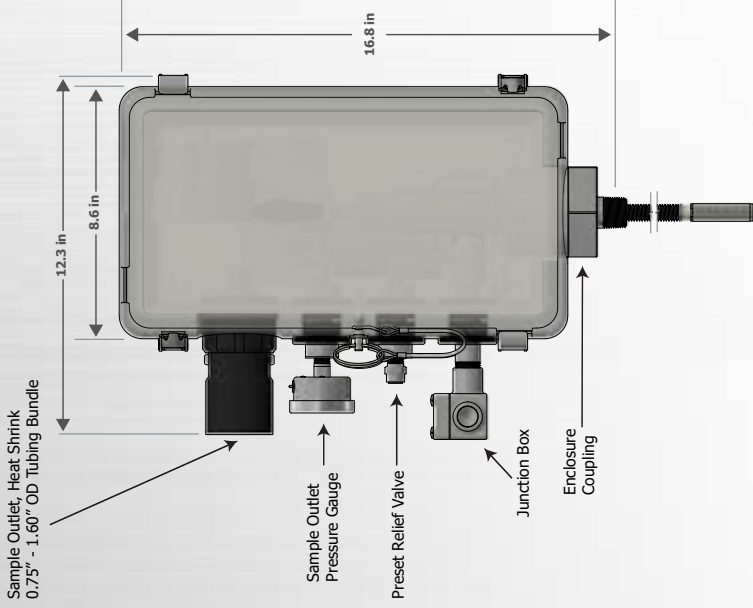
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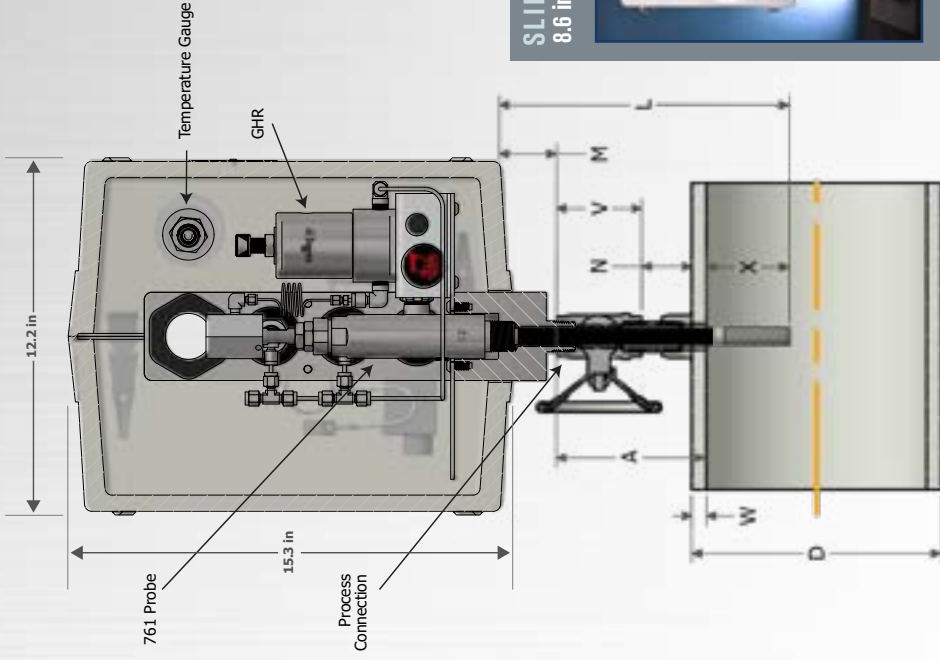


Analytically Correct Engineered Systems

Model 561 | **Type II**
MOUNT



ACES™ Quick Build



SLIM OPTION
8.6 inch footprint



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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TWO-PHASE SAMPLING

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size					
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.							
562 = 761 Probe and JTR-H	V = Vertical	0 = 3/4" NPT	12"	09" to 16" +	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet					
			18"							17" to 22" +	0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting
			24" +	23" to 34" +	1 = Perfluoroelastomer +	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater						
			36" +											
			S = Slim +	1 = 1" NPT	12"	09" to 16" +	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)		C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	4 = 1/4" Tube Outlet		
	18"	17" to 22" +			0 = Fluoroelastomer				1 = 0-50 psig (0 - 3.4 barg)				C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting
	24" +					23" to 34" +	1 = Perfluoroelastomer +	2 = 0-100 psig (0 - 6.9 barg)		A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater			
	36" +													

MODEL NUMBER:

562 - [] [] [] [] [] [] [] [] [] [] [] []

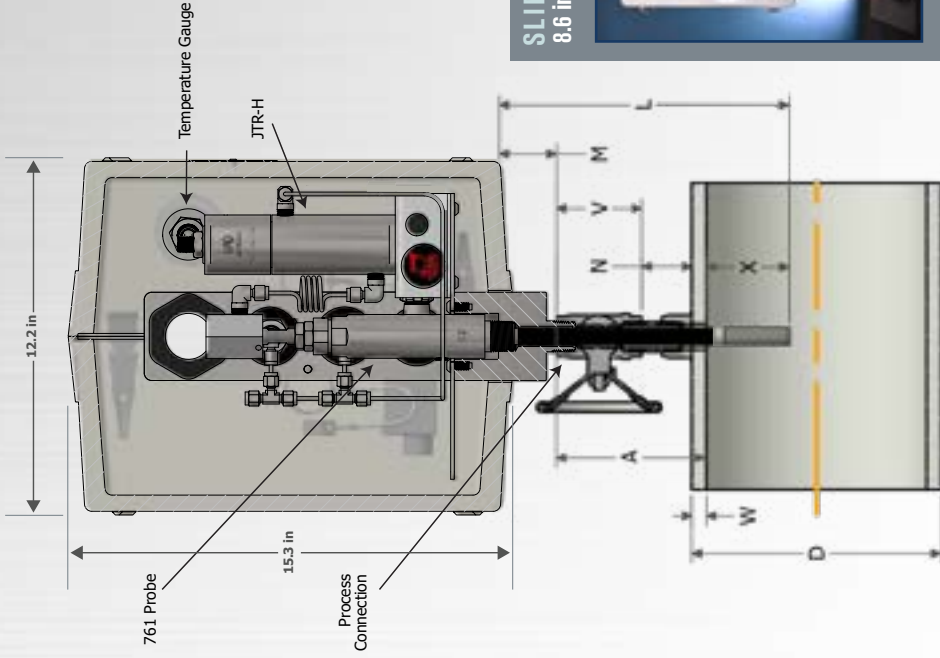
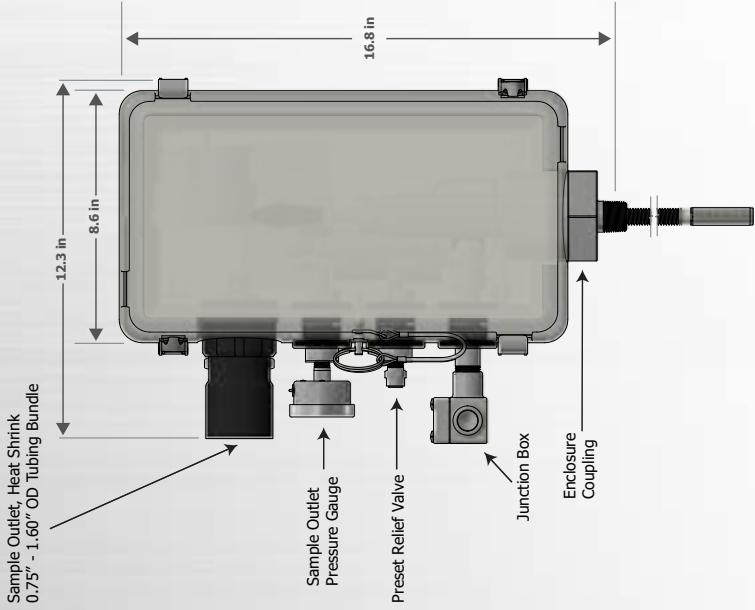




Analytically Correct Engineered Systems

ACES™ Quick Build

Model 562 | **Type II**
MOUNT



SLIM OPTION
8.6 inch footprint



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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US Patents 10,073,013; 10,613,004; 10,627,320; 10,627,322; 10,641,887; Genie®, Genie® Probe Regulators™, ACES™, Analytically Correct Engineered Systems™ are trademarks or registered trademarks of A+Corporation, LLC. All other referenced trademarks are the property of their respective owners. © 2012 A+ Corporation. All rights reserved. SCC-ACES-502-0001_062823

Use this 12 digit model number when ordering. Reference Page 2 for all considerations when system number building.

WET GAS SAMPLING

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.		
581 = 760 Probe with 133PA and GHR	V = Vertical	0 = 3/4" NPT	12"	09" to 16"	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet
			18"	17" to 22"	0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting	
			24"	23" to 34"	1 = Perfluoroelastomer				
		1 = 1" NPT	18"	17" to 22"	2 = RGD resistant HNBR	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater	4 = 1/4" Tube Outlet
			24"	23" to 34"					
			36"	23" to 34"					

MODEL NUMBER:

-

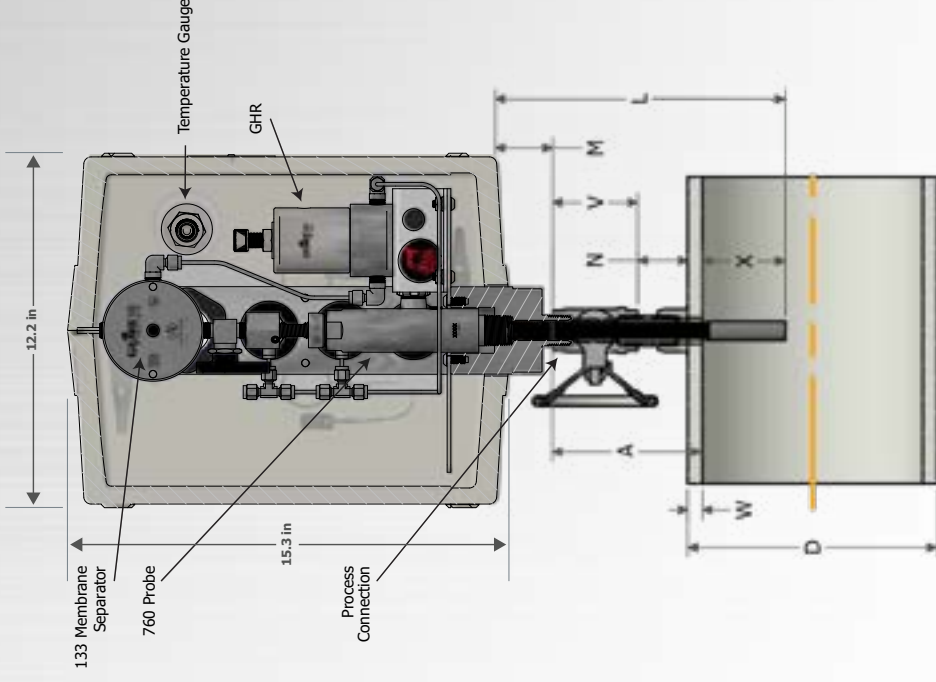
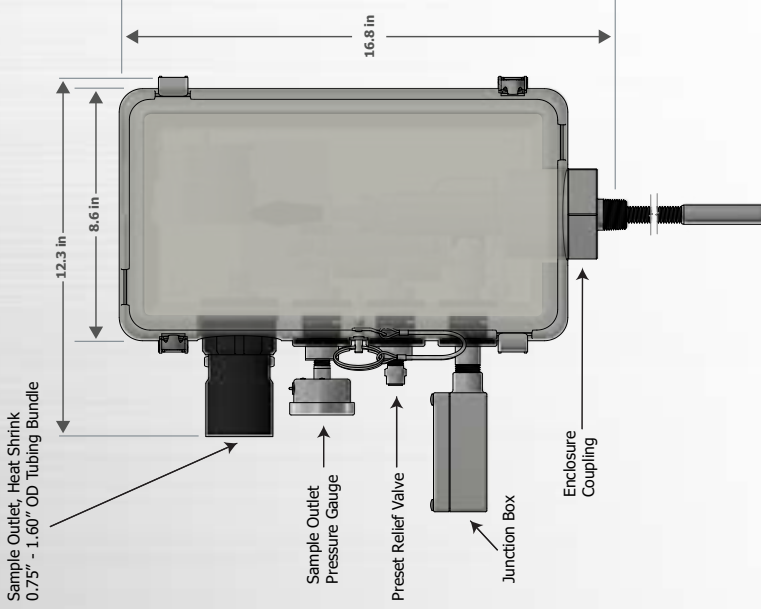




Analytically Correct Engineered Systems

Model 581 | **Type II**
MOUNT

ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.0" (51 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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WET GAS SAMPLING

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials	Regulator Outlet Pressure	Power Requirement		Sample Outlet Size
			Standard Sizes	Custom Cut Sizes			ACES™ Systems are CSA/ATEX compliant, not certified. All electrical components used are CSA Certified or ATEX Certified.		
582 = 760 Probe with 133PA and JTR-H	V = Vertical	0 = 3/4" NPT	12"	09" to 16"	H = Default (Per individual components)	0 = 0-25 psig (0 - 1.7 barg)	C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	C2 = CSA, 22-26 VDC, 25W, T3 heater - Conduit	S = 1/8" Tube Outlet
			18"	17" to 22"	0 = Fluoroelastomer	1 = 0-50 psig (0 - 3.4 barg)	C3 = CSA, 110-265 VAC, 80W, T3 heater - CGB Fitting	C4 = CSA, 22-26 VDC, 25W, T3 heater - CGB Fitting	
			24"	23" to 34"	1 = Perfluoroelastomer				
		1 = 1" NPT	18"	17" to 22"	2 = RGD resistant HNBR	2 = 0-100 psig (0 - 6.9 barg)	A1 = ATEX, 110-265 VAC, 80W, T3 heater	A2 = ATEX, 22-26 VDC, 25W, T3 heater	4 = 1/4" Tube Outlet
			24"	23" to 34"					
			36"	23" to 34"					

MODEL NUMBER:

582

-

V

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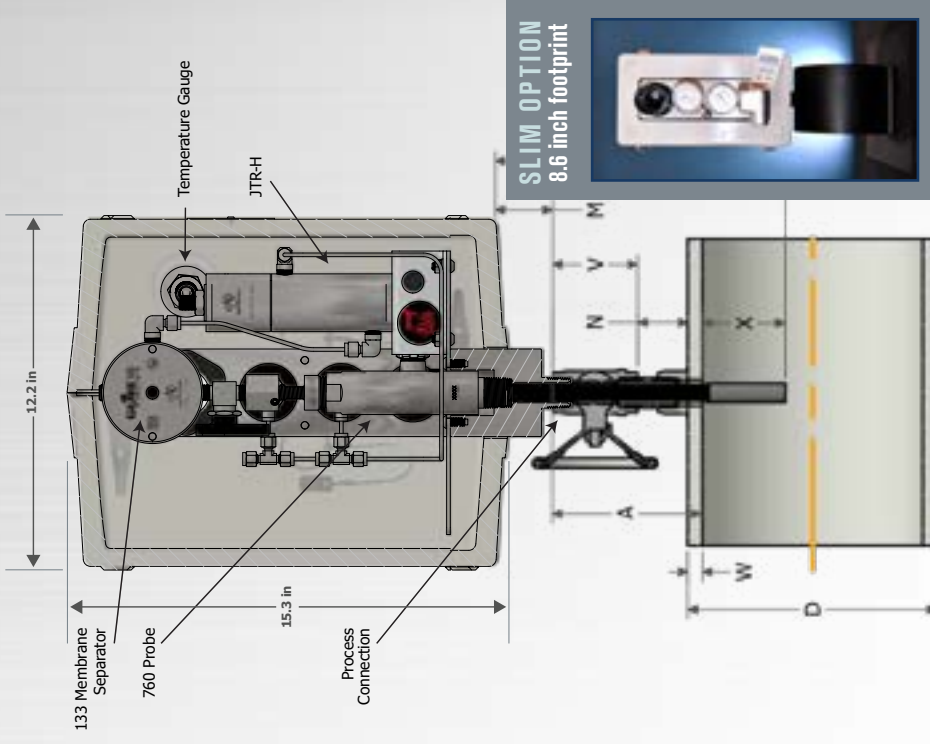
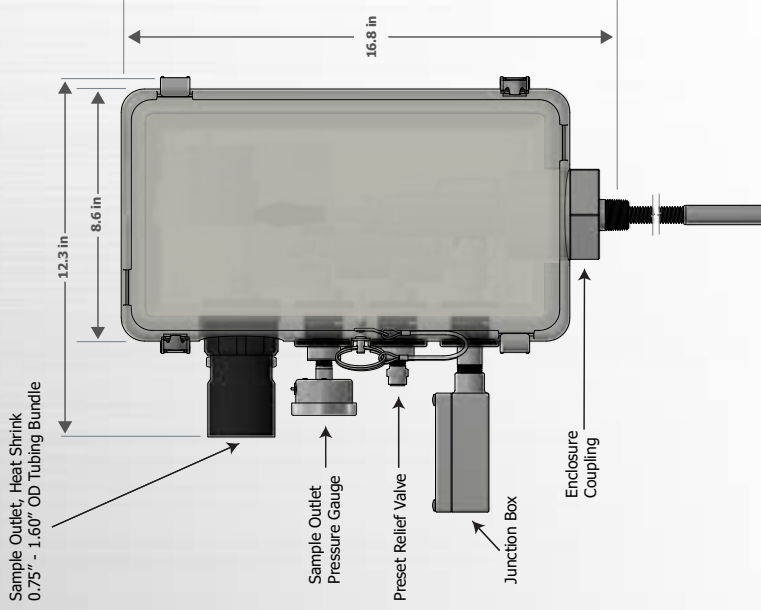




Analytically Correct Engineered Systems

Model 582 | **Type II**
MOUNT

ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.0" (51 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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[Genie® Vaporizer Systems]

**LIQUID SAMPLE
VAPORIZATION**

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length	Seal Materials		Regulator Outlet Pressure	Power Requirement	Sample Outlet Size
591 = Vaporizer, GHR, and No Probe	V = Vertical	0 = 3/4" NPT	NP = No Probe	H = Default (Per individual components)	0 = Fluoroelastomer	0 = 0-25 psig (0 - 1.7 barg)	ACES™ Systems are CSA compliant, not certified. All electrical components used are CSA Certified. C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	S = 1/8" Tube Outlet
		1 = 1" NPT		1 = Perfluoroelastomer	2 = RGD resistant HNBR	1 = 0-50 psig (0 - 3.4 barg)		4 = 1/4" Tube Outlet
				G = FKM Compound VG109-90	9 = RGD resistant HNBR 985	2 = 0-100 psig (0 - 6.9 barg)		

MODEL NUMBER:

591 - V - - NP - - - C1 - -

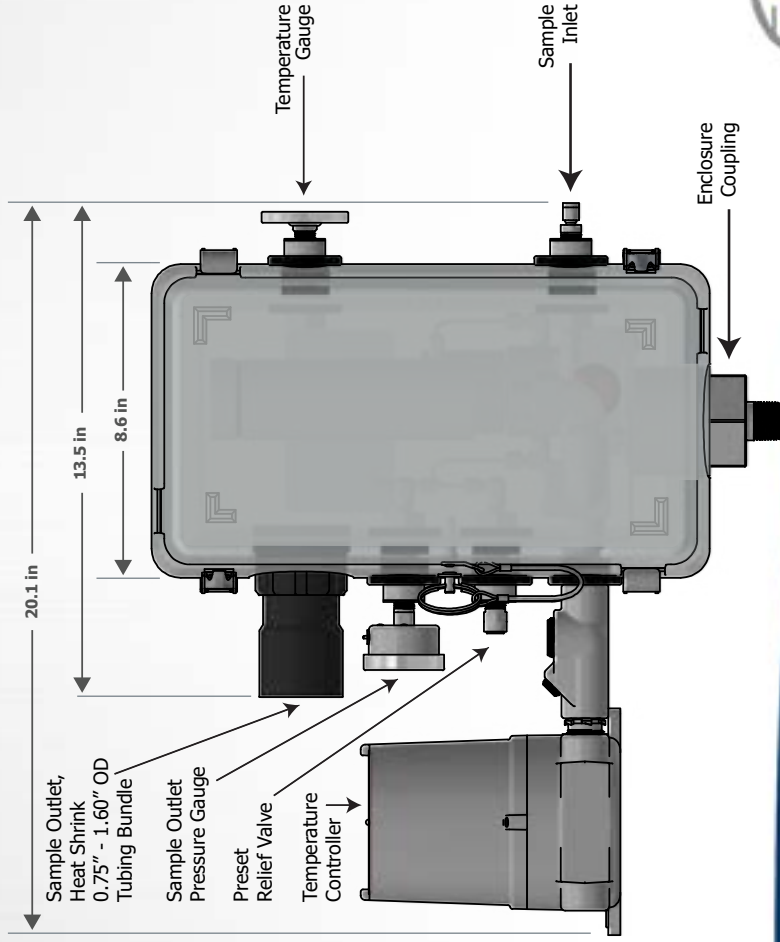
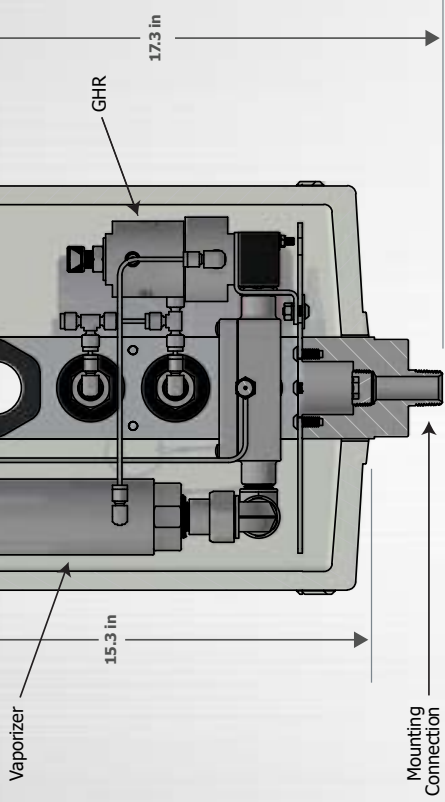




Analytically Correct Engineered Systems

Model 591

ACES™ Quick Build



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[Genie® Vaporizer Systems]

**LIQUID SAMPLE
VAPORIZATION**

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length	Seal Materials		Regulator Outlet Pressure	Power Requirement	Sample Outlet Size
592 = Vaporizer, JTR-H, and No Probe	V = Vertical	0 = 3/4" NPT	NP = No Probe	H = Default (Per individual components)	0 = Fluoroelastomer	0 = 0-25 psig (0 - 1.7 barg)	ACES™ Systems are CSA compliant, not certified. All electrical components used are CSA Certified. C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	S = 1/8" Tube Outlet
		1 = 1" NPT		1 = Perfluoroelastomer	2 = RGD resistant HNBR	1 = 0-50 psig (0 - 3.4 barg)		4 = 1/4" Tube Outlet
				G = FKM Compound VG109-90	9 = RGD resistant HNBR 985	2 = 0-100 psig (0 - 6.9 barg)		

MODEL NUMBER:

592 - V - - NP - - - C1 - -

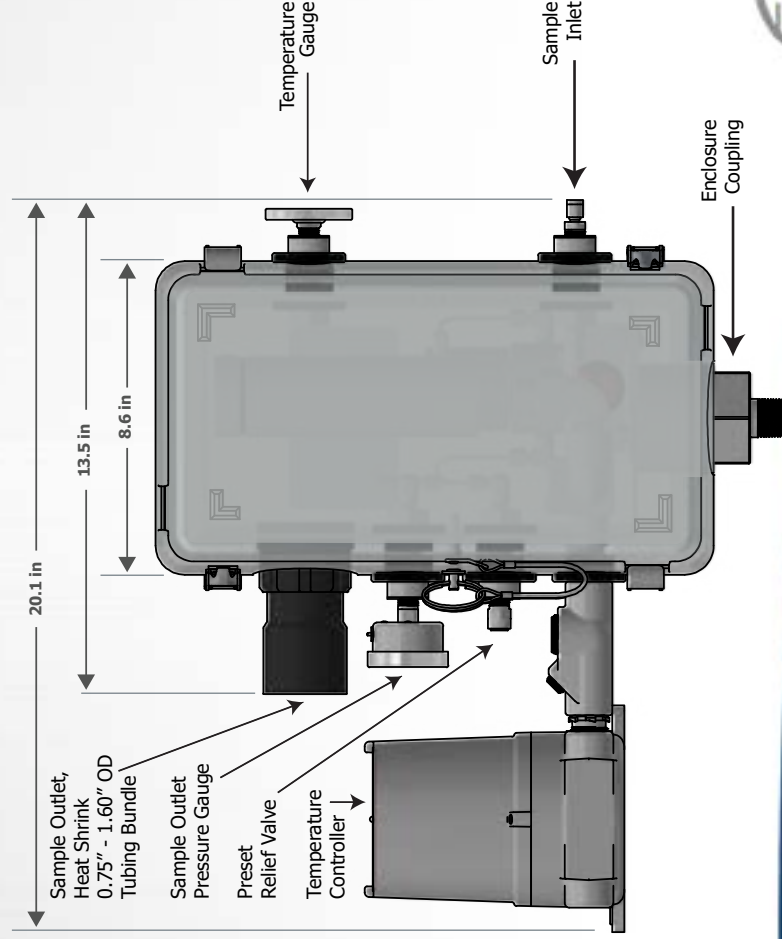
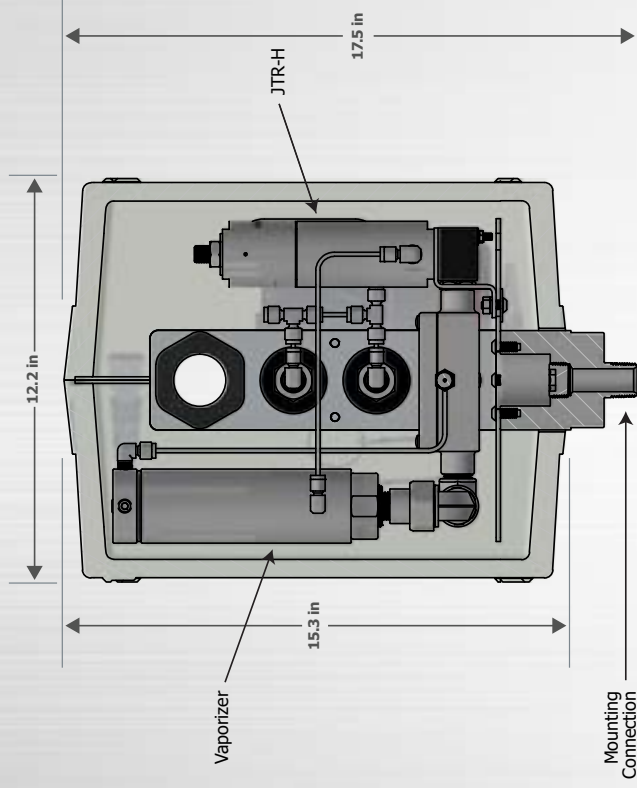




Analytically Correct Engineered Systems

Model 592

ACES™ Quick Build



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Use this 12 digit model number when ordering. Reference Page 2 for all considerations when system number building.

[Tap-Mounted
Genie® Vaporizer]
**LIQUID SAMPLE
VAPORIZATION**

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials		Regulator Outlet Pressure	Power Requirement	Sample Outlet Size
			Standard Sizes	Custom Cut Sizes					
593 = 761 Probe Vaporizer, and GHR	V = Vertical	0 = 3/4" NPT	12"	09" to 16" +	H = Default (Per individual components)	0 = Fluoroelastomer	0 = 0-25 psig (0 - 1.7 barg)	ACES™ Systems are CSA compliant, not certified. All electrical components used are CSA Certified. C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	S = 1/8" Tube Outlet
			18"						
			24" +	23" to 34" +	G = FKM Compound VG109-90 +	9 = RGD resistant HNBR 985 +	2 = 0-100 psig (0 - 6.9 barg)		
		36" +							

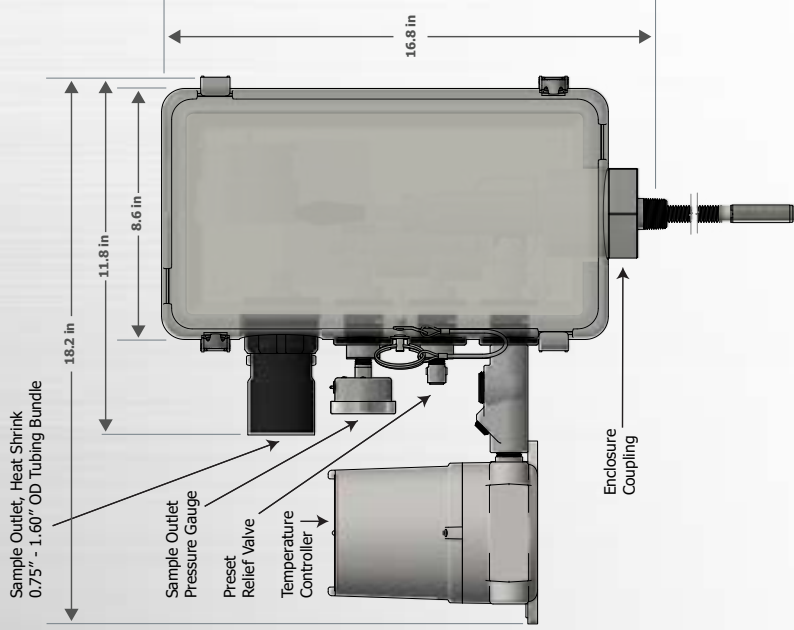
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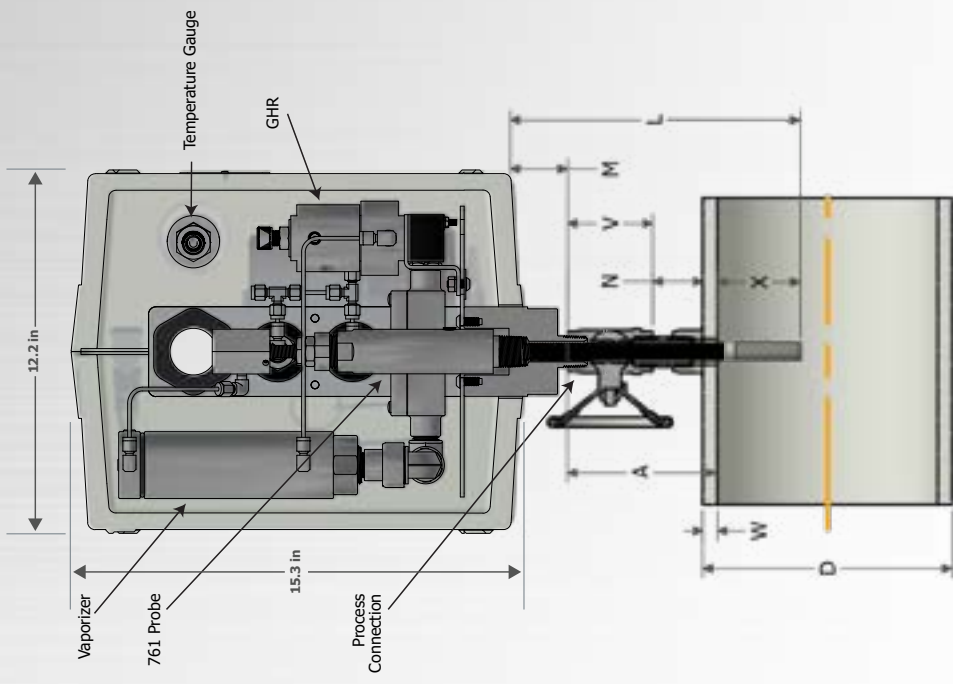


Analytically Correct Engineered Systems

Model 593 | **Type II**
MOUNT



ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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[Tap-Mounted
Genie® Vaporizer]
**LIQUID SAMPLE
VAPORIZATION**

+ = Price Adder

Model Numbering For all pricing and/or custom request, please contact your [local distributor](#).

Base Model	Enclosure Type	System Connection Size	Estimated Probe Length		Seal Materials		Regulator Outlet Pressure	Power Requirement	Sample Outlet Size		
			Standard Sizes	Custom Cut Sizes							
594 = 761 Probe Vaporizer, and JTR-H	V = Vertical	0 = 3/4" NPT	12"	09" to 16" +	H = Default (Per individual components)	0 = Fluoroelastomer	0 = 0-25 psig (0 - 1.7 barg)	ACES™ Systems are CSA compliant, not certified. All electrical components used are CSA Certified. C1 = CSA, 110-265 VAC, 80W, T3 heater - Conduit	S = 1/8" Tube Outlet		
			18"							17" to 22" +	1 = Perfluoroelastomer
			24" +	23" to 34" +	G = FKM Compound VG109-90 +	9 = RGD resistant HNBR 985 +	2 = 0-100 psig (0 - 6.9 barg)				
		36" +									
		1 = 1" NPT									

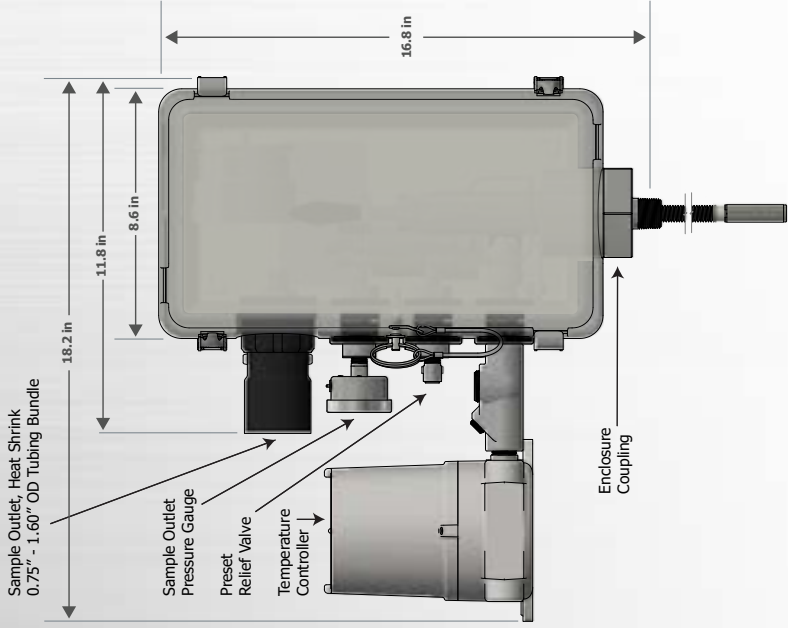
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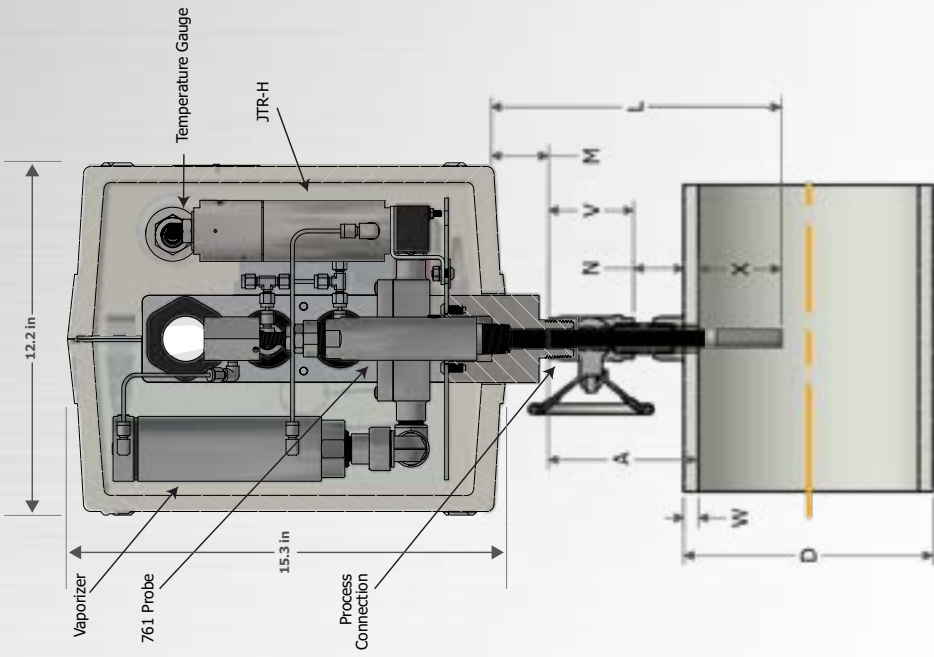


Analytically Correct Engineered Systems

Model 594 | **Type II**
MOUNT



ACES™ Quick Build



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe <u>W</u> all Thickness + <u>N</u> ozzle (Nipple) Length + <u>V</u> alve Length	_____ inches/mm
M	Mounting Fitting: Type II	2.5" (63 mm) inches/mm
X	Insertion Depth (Probe Length minus A, M = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm



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