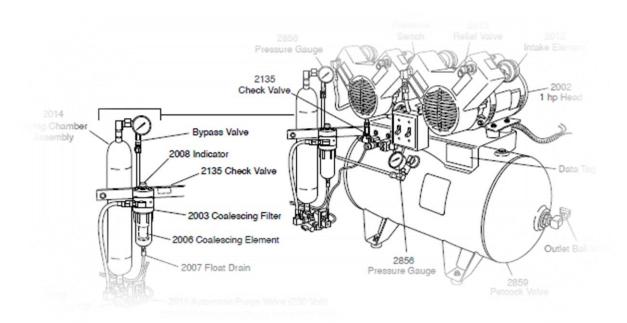
ARUP ASSOCIATES

PRODUCT DATA TEMPLATES

A SIMPLE HOW-TO

IDENTIFY NEED

New TYPE of equipment, not new product of existing type.





IDENTIFY NEED

Is there one of these on the Master List of PDTs?

Template		Owner	Author	Progress -	Author Company	Author Name	Author Email	
Actuator Air Curtain		CIBSE	RIM	None	SPC	0	Richard Meskimmon@spcoils.co.uk	
Air Diffuser		CIBSE	CC	Technical Approval		Carl Collins	carl.collins@arup.com	
Air Handler		CIBSE	RV	Technical Approval		Richard Vincent	richardvincent@hoarelea.com	
Air Heater		CIBSE	TK	None	юм	Tahsina Khan	tahsina.khan@icom.org.uk	1
Air Louvre		CIBSE	cc	Technical Approval	Arup	Carl Collins	carl.collins@arup.com	1
Attenuator		CIBSE	cc	Technical Approval	Arup	Carl Collins	carl.collins@arup.com	7
Battery		CIBSE	cc	Technical Approval	Arup	Carl Collins	carl.collins@arup.com	
Beacon		CIBSE		None			1	\supset
Bell Sounder		CIBSE		None			1	\rightarrow
Boiler		CIBSE	TK	None	ICOM	Tahsina Khan	tahsina.khan@icom.org.uk	_
Break Glass		CIBS€	cc	Technical Approval	Arup	Carl Collins	cart.collins@arup.com	
Buffer Vessel		CIBSE	NT	Technical Approval	Balfour Beatty	Neil Thompson	Neil.Thompson@balfourbeatty.	con
Burners		C1BS€	TK	None	ICOM	Tahsina Khan	tahsina.khan@icom.org.uk	\rightarrow
Calorifier		CIBSE		None		<u> </u>	1	\longrightarrow
CAV BON		C/BSE	IG.	None	Trox	Iskender Gencer	igencer@troxuk.co.uk	─
CHP		CIBSE	TK	None	ICOM	Tahsina Khan	tahsina.khan@icom.org.uk	─
Chilled Beam		C185€	l iG	None	Trox	Iskender Gencer	igencer@troxuk.co.uk	\longrightarrow
Chiller		CIBSE	AS	None		+	_	
Circuit Breaker		CIBS€		None		+		\longrightarrow
Cistern		IBSE		None			_	
Condenser		IBSE		None				
Contactor		ıBS€		None				
Cooling Coil	CI	BSE	RIM	Technical Approval	SPC	Richard Meskim	mor Richard Meskimmon@spco	ils.co.uk
Cooling tower	CI	BSE		None		1	1	- 1
Damper (fire, smoke, VCD)	CI	BS€	DF	Technical Approval	Ruskin Air	David Fitzpatric	k dfitzpatrick@ruskinuk.co.u	ık
Dehumidifier	lc11	BSE		None				
Detector	ICIE	BSE		None	i	1	1	$\overline{}$
Door Contact	CIB	55		None	ì —	- †	_	$\overline{}$
	_			None		+	-	$\overline{}$
Drain	CIB					-		$\overline{}$
DX Indoor Unit	CIB			None	Hitachi	Warren Clark	Warren.clark@hitachi-eu	A STATE OF THE PARTY OF THE PAR
DX Outdoor Unit	CIB:	se	WC	None	Hitachi	Warren Clark	Warren.clark@hitachi-e	u.com
Earthing Pit	CIBS	÷ε /	MB I	None	Atkins	Mathew Beard	d Mathew.beard@atkinsg	lobal.com
Emergency Stop	CIBS	E	- 1	Vone				
Evaporator	CIBS	-	$\overline{}$	vone				
	_		$\overline{}$			_	_	
Expansion Tank	CIBS			vone				
an Box	CIBSE	E	CC T	echnical Approval	Arup	Carl Collins	cart.collins@arup.com	Ł
an Coil Unit	CIBSE	: 1	MP T	echnical Approval	Trox	Michelle Per	ny MPerny@troxuk.co.uk	
an Convector	CIBSE	: 1	RIM N	lone	SPC	Richard Mes	kimmor Richard Meskimmon	@spcoils.ce
ter	CIBSE	-	l N	lone				
ined Tube	CIBSE		I N	lone			1	
Alarm Panel	CIBSE	- i		one	i	1	1	
odlight	CIBSE	-	_	one		1		
r Box	CIBSE			one		_	- 1	
	CIBSE	-		one	ICOM	Tahsina Kh	an tahsina.khan@icon	
Booster					ICOM	Tansina Kh	ari Itansina.knan@icon	n.org.uk
rator	CIBSE	1	N-	one	I	1	1	



IDENTIFY DATA FIELDS

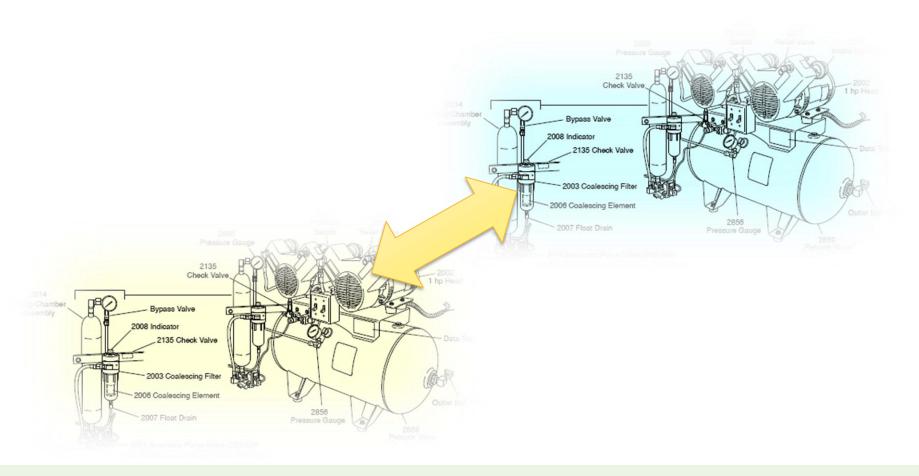
Is there one of these, or something similar in SPie (Specifier's Products Information Exchange)

COBie 2012 UK Template Repository		
Home About The Templates Templates A-Z Search Templates BIM Task Group Contact		
Templates A-Z	About	
The templates are presented as complete sets in a compressed zip directory format. Each zip directory contains: COBie, IFC, IFCXML, HTML, and XHTML file types.	Search Templates	
Download the complete set of templates here - <u>DOWNLOAD</u> (8mb zip file expanding to 115mb)		
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z		
A		
A Actuator ELECTRIC ACTUATOR UK		
A Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK		
A Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK Actuator HYDRAULIC ACTUATOR UK Actuator NOT DEFINED UK Actuator PNEUMATIC ACTUATOR UK		
A Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK Actuator HYDRAULIC ACTUATOR UK Actuator NOT DEFINED UK Actuator NOT DEFINED UK Actuator PNEUMATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK		
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A Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK Actuator HYDRAULIC ACTUATOR UK Actuator NOT DEFINED UK Actuator NOT DEFINED UK Actuator PNEUMATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Actuator USER DEFINED UK Air Terminal DIFFUSER UK Air Terminal GRILLE UK Air Terminal COUVRE UK		
Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK Actuator HYDRAULIC ACTUATOR UK Actuator NOT DEFINED UK Actuator PNEUMATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Air Terminal DIFFUSER UK Air Terminal GRILLE UK Air Terminal LOUVRE UK Air Terminal LOUVRE UK Air Terminal NOT DEFINED UK		
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Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK Actuator HYDRAULIC ACTUATOR UK Actuator NOT DEFINED UK Actuator PNEUMATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Actuator TUSER DEFINED UK Air Terminal DIFFUSER UK Air Terminal REILLE UK Air Terminal NOT DEFINED UK Air Terminal REGISTER UK		
Actuator ELECTRIC ACTUATOR UK Actuator HAND OPERATED ACTUATOR UK Actuator HYDRAULIC ACTUATOR UK Actuator NOT DEFINED UK Actuator PNEUMATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Actuator THERMOSTATIC ACTUATOR UK Air Terminal DIFFUSER UK Air Terminal GRILLE UK Air Terminal LOLVRE UK Air Terminal NOT DEFINED UK Air Terminal NOT DEFINED UK Air Terminal NOT DEFINED UK Air Terminal REGISTER UK		



IDENTIFY DATA FIELDS

Is there anything similar already covered?





PDT Template

Gives a good start and some guidance

	A	В	С	D	E F
	Template Category	Category			
	Template Version	v.			
i	Category Description	Description			
	Classification System				
	Classification	Value			
Ī	Information Category	Parameter Name	Value	Units	Notes
i	Mane	ufacturer Data			
1	Specifications	Manufacturer		Text	
	Specifications	Manufacturer Website		URL	
	Specifications	Product Range		Text	
	Specifications Specifications	Product Model Number (Code) CE Approval No.		Text	
	Specifications	Product Literature Webpage		Text	
		struction Data	<u> </u>	IONL	
1	Specifications	Туре	I	Text	This is a COBie field, other fields will be required in final
	Specifications	Shape		Text	This is a COBie field, other fields will be required in final
	Specifications	Material		Text	This is a COBie field, other fields will be required in final
		nsional Data			
	Specifications	Overall Length		mm	
	Specifications Specifications	Overall Width Overall Height		mm	l
	Specifications	GrossWeight		mm kg	Equates to Operating Weight
i	Specifications	Shipping Weight		kg	Equates to Operating weight
	Specifications	Access Clearance Top		mm	
i	Specifications	Access Clearance Bottom		mm	
	Specifications	Access Clearance Left		mm	
	Specifications	Access Clearance Right		mm	
4	Specifications	Access Clearance Front		mm	
	Specifications	Access Clearance Rear primance Data		mm	
	Specifications		T	1	
		ReferenceStandard trical Data (if required)		Text	
	Specifications	Incoming Supply Electrical Voltage		Volts	
	Specifications	Incoming Supply Phase		Number	13
	Specifications	Incoming Supply Electrical Frequency		Hertz	50,60
Ī	Specifications	Motor Enclosure Rating		Text	IP numbers
	Specifications	Motor Type		Text	
	Specifications	Number of Poles		Number	1,3
	Specifications Specifications	Motor Efficiency Class (CEMEP) Starting Method		Text Text	DoL,StarDelta, Soft
	Cont			Text	DOL,Starbetta, SOR
	Specifications	BMSLinks		Y/N	
		ainability			
i	Sustainable Material	Embodied Carbon	I	kgCO2	
j	Sustainable Material	Life Cycle Analysis		Number	BREEAM
	Sustainable Material	Location of Manufacturer		GridRef	Northing,Easting
	Sustainable Material	Green Guide for Specification		Text	A-E
	Sustainable Material Sustainable Material	Environmental Product Declaration Responsible Sourcing of Materials		Text Text	3rd Party Verification
۱	Sustainable Material ETL	URL to Energy Technology List		URL	Endorsing body Hyperlink to ETL webpage for product
	Sustainable Material LEED	Responsible Extraction of Materials		Text	TBA
	Sustainable Material LEED	Material Ingredient Reporting		Text	TBA
j	Орег	rations & Maintenance			
j	Facilities/Asset Management	URL to 0&M Manual		Text	Hyperlink to Manufacturer O&M Data
J	Facilities/Asset Management	Daily		Text	Maintenance tasks or SFG2012 codes.
	Facilities/Asset Management Facilities/Asset Management	Weekly Monthly		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
j	Facilities/Asset Management	Quarterly		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
	Facilities/Asset Management	6 Monthly		Text	Maintenance tasks or SFG2012 codes.
i	Facilities/Asset Management	Annually		Text	Maintenance tasks or SFG2012 codes.
	Facilities/Asset Management	Bespoke Timeframe		Text	Maintenance tasks or SFG2012 codes.
	Facilities/Asset Management	Maintenance Required: 0-300hrs		Text	Maintenance tasks required during this time frame.
					Maintenance tasks required during this time frame.
	Facilities/Asset Management Facilities/Asset Management	Maintenance Required: 301-600hrs Maintenance Required: 601-1000hrs		Text Text	Maintenance tasks required during this time frame.



PDT Titles

Add the Category Name and Description (just a single sentence).

	A			D	E F
	Template Category	Category			
	Template Version	v.	N		
3	Category Description	Description			
	Classification System				
5	Classification	Value			
3	Information Category	Parameter Name	Value	Units	Notes
		ufacturer Data			
	Specifications	Manufacturer		Text	
	Specifications Specifications	Manufacturer Website Product Range		URL	
)	Specifications	Product Hange Product Model Number (Code)		Text Text	
	Specifications	CE Approval No.		Text	
3	Specifications	Product Literature Webpage		URL	1
\$	Cons	struction Data			
5	Specifications	Туре		Text	This is a COBie field, other fields will be required in final PC
6	Specifications	Shape		Text	This is a COBie field, other fields will be required in final PC
7	Specifications Dime	Material ensional Data	L	Text	This is a COBie field, other fields will be required in final PC
3	Specifications	Overall Length	I	1	
0	Specifications	Overall Vidth		mm mm	
1	Specifications	Overall Height		mm	1
2	Specifications	GrossWeight		kg	Equates to Operating Weight
3	Specifications	Shipping Weight		kg	
4	Specifications	Access Clearance Top		mm	
5	Specifications Specifications	Access Clearance Bottom		mm	
6	Specifications	Access Clearance Left Access Clearance Right		mm mm	
8	Specifications	Access Clearance Front		mm	
9	Specifications	Access Clearance Rear		mm	
10	Perf	ormance Data		•	•
1	Specifications	ReferenceStandard		Text	
2		trical Data (if required)			
3	Specifications	Incoming Supply Electrical Voltage		Volts	
14	Specifications Specifications	Incoming Supply Phase Incoming Supply Electrical Frequency		Number	1,3
6	Specifications	Motor Enclosure Rating		Hertz Text	50,60 IP numbers
7	Specifications	Motor Type		Text	ir ligitibets
8	Specifications	Number of Poles		Number	1,3
9	Specifications	Motor Efficiency Class (CEMEP)		Text	
0	Specifications	Starting Method	l	Text	DoL,StarDelta, Soft
1	Cont				
2	Specifications	BMS Links ainability	L	YYN	
3	Sustainable Material	Embodied Carbon	1	kgCO2	
5	Sustainable Material	Life Cycle Analysis		Number	BREEAM
6	Sustainable Material	Location of Manufacturer		GridRef	Northing,Easting
7	Sustainable Material	Green Guide for Specification		Text	A-E
8	Sustainable Material	Environmental Product Declaration		Text	3rd Party Verification
9	Sustainable Material	Responsible Sourcing of Materials		Text	Endorsing body
0	Sustainable Material ETL Sustainable Material LEED	URL to Energy Technology List Responsible Extraction of Materials		Text	Hyperlink to ETL webpage for product TBA
2	Sustainable Material LEED	Material Ingredient Reporting		Text	TBA
3		rations & Maintenance	<u> </u>		1.50
	Facilities/Asset Management	URL to 0&M Manual	l e	Text	Hyperlink to Manufacturer O&M Data
5	Facilities/Asset Management	Daily		Text	Maintenance tasks or SFG2012 codes.
6	Facilities/Asset Management	Weekly		Text	Maintenance tasks or SFG2012 codes.
7	Facilities/Asset Management	Monthly		Text	Maintenance tasks or SFG2012 codes.
9	Facilities/Asset Management Facilities/Asset Management	Quarterly 6 Monthly		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
9	Facilities/Asset Management	Annually		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
1	Facilities/Asset Management	Bespoke Timeframe		Text	Maintenance tasks or SFG2012 codes.
2	Facilities/Asset Management	Maintenance Required: 0-300hrs		Text	Maintenance tasks required during this time frame.
3	Facilities/Asset Management	Maintenance Required: 301-600hrs		Text	Maintenance tasks required during this time frame.
4	Facilities/Asset Management	Maintenance Required: 601-1000hrs	1	Text	Maintenance tasks required during this time frame.



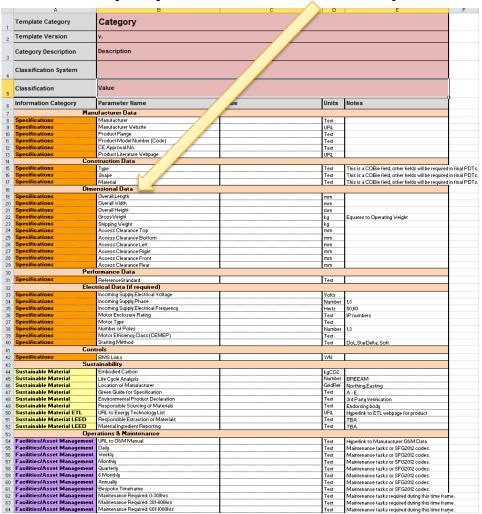
PDT Classification

Choose a Classification System from the list and apply a Value (optional)

Α	В	С	D	E
Template Category	Category			
Template Version	v.			
Category Description	Description			
Classification System		~		
Classification	Value	_		
Information Category	Parameter Name	Value	Units	Notes
	ufacturer Data	•		
Specifications	Manufacturer		Text	
Specifications Specifications	Manufacturer Website		URL	
Specifications Specifications	Product Range Product Model Number (Code)		Text	1
Specifications	CE Approval No.		Text	· · · · · · · · · · · · · · · · · · ·
Specifications	Product Literature Webpage		URL	1
Con	struction Data			
Specifications	Туре		Text	This is a COBie field, other fields will be required in final PC
Specifications	Shape		Text	This is a COBie field, other fields will be required in final PI
Specifications	Material ensional Data		Text	This is a COBie field, other fields will be required in final PI
	Overall Length		T	
Specifications Specifications	Overall Width	-	mm mm	
Specifications	Overall Height		mm	
Specifications	GrossWeight		kg	Equates to Operating Weight
Specifications	Shipping Weight		kg	
Specifications	Access Clearance Top		mm	
Specifications	Access Clearance Bottom		mm	
Specifications Specifications	Access Clearance Left Access Clearance Right		mm	
Specifications	Access Clearance Fight Access Clearance Front		mm	
Specifications	Access Clearance Rear		mm	
Perf	ormance Data	•		
Specifications	ReferenceStandard		Text	
	trical Data (if required)			
Specifications	Incoming Supply Electrical Voltage		Volts	
Specifications Specifications	Incoming Supply Phase Incoming Supply Electrical Frequency		Number	1,3
Specifications Specifications	Incoming Supply Electrical Frequency Motor Enclosure Rating		Hertz Text	50,60 IP numbers
Specifications	Motor Type		Text	IF numbers
Specifications	Number of Poles		Number	1,3
Specifications	Motor Efficiency Class (CEMEP)		Text	
Specifications	Starting Method	1	Text	DoL,StarDelta, Soft
Con				
Specifications	BMS Links tainability		Y/N	
Sustainable Material	Embodied Carbon	1	kgCO2	
Sustainable Material	Life Cycle Analysis		Number	BREEAM
Sustainable Material	Location of Manufacturer		GridRef	Northing, Easting
Sustainable Material	Green Guide for Specification		Text	A-E
Sustainable Material	Environmental Product Declaration		Text	3rd Party Verification
Sustainable Material	Responsible Sourcing of Materials		Text	Endorsing body
Sustainable Material ETL Sustainable Material LEED	URL to Energy Technology List Responsible Extraction of Materials		Text	Hyperlink to ETL webpage for product TBA
Sustainable Material LEED	Material Ingredient Reporting		Text	TBA
	rations & Maintenance		•	
Facilities/Asset Management	URL to O&M Manual		Text	Hyperlink to Manufacturer O&M Data
Facilities/Asset Management			Text	Maintenance tasks or SFG2012 codes.
Facilities/Asset Management			Text	Maintenance tasks or SFG2012 codes.
Facilities/Asset Management Facilities/Asset Management			Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
Facilities/Asset Management Facilities/Asset Management			Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
Facilities/Asset Management			Text	Maintenance tasks or SFG2012 codes.
		1	Text	Maintenance tasks or SFG2012 codes.
Facilities/Asset Management				
Facilities/Asset Management Facilities/Asset Management	Maintenance Required: 0-300hrs		Text	Maintenance tasks required during this time frame.
Facilities/Asset Management	Maintenance Required: 0-300hrs Maintenance Required: 301-600hrs			



PDT Headers Identify any additional Headers required





PDT Fields

List out the Fields that are required to describe the product as a catalogue would.

	В	C	D	E					
Template Category	Category								
mplate Version	v.								
ory Description	Description	Description							
Clas ation System									
Classific	Value								
Informatio egory	Parameter Name	Value	Units	Notes					
M	anufacturer Data			•					
Specifications	Manufacturer		Text						
Specifications	Manufacturer Website		URL						
Specifications	Product Range		Text						
Specifications Specifications	Product Model Number (Code)		Text						
Specifications	CE Approval No. Product Literature Webpage		Text URL	1					
Opt on loadions	nstruction Data	_	JUHL						
Specifications	Type		Text	This is a COBie field, other fields will be required in fina					
Specifications	Shape		Text	This is a COBie field, other fields will be required in fina					
Specifications	aterial		Text	This is a COBie field, other fields will be required in fina					
	im onal Data								
Specifications	II Length		mm						
Specifications	<u></u>		mm						
Specifications	G. Height		mm						
Specifications	GrossWeight		kg	Equates to Operating Weight					
Specifications Specifications	Shipping Weight Access Clearance Top		kg						
Specifications	Access Clearance Lop Access Clearance Bottom		mm						
Specifications	Access Clearance Bottom Access Clearance Left		mm mm						
Specifications	Access Clearance Right		mm						
Specifications	Access Clearance Front		mm						
Specifications	Access Clearance Rear		mm						
	erformance Data								
Specifications	ReferenceStandard		Text						
E	ectrical Data (if required)	•	•						
Specifications	Incoming Supply Electrical Voltage		Volts						
Specifications	Incoming Supply Phase		Number	1,3					
Specifications	Incoming Supply Electrical Frequency		Hertz	50,60					
Specifications	Motor Enclosure Rating		Text	IP numbers					
Specifications	Motor Type		Text	1					
Specifications Specifications	Number of Poles Motor Efficiency Class (CEMEP)		Number Text	1,3					
Specifications	Starting Method		Text	DoL,StarDelta, Soft					
	ontrols		Trext	DOL, Stat Delta, SOR					
Specifications	BMS Links		Y/N						
	ustainability		1.114	'					
Sustainable Material	Embodied Carbon	1	kgCO2						
Sustainable Material	Life Cycle Analysis		Number	BREEAM					
Sustainable Material	Location of Manufacturer		GridRef	Northing,Easting					
Sustainable Material	Green Guide for Specification		Text	A-E					
Sustainable Material	Environmental Product Declaration		Text	3rd Party Verification					
Sustainable Material	Responsible Sourcing of Materials		Text	Endorsing body					
	URL to Energy Technology List		URL	Hyperlink to ETL webpage for product					
Sustainable Material ETL	Responsible Extraction of Materials Material Ingredient Reporting		Text Text	TBA					
Sustainable Material LEED			Liext	тва					
Sustainable Material LEED Sustainable Material LEED	perations & Maintenance		Text	Huperlink to Manufacturer O&M Data					
Sustainable Material LEED Sustainable Material LEED O	perations & Maintenance								
Sustainable Material LEED Sustainable Material LEED O Facilities/Asset Manageme	unt URL to O&M Manual								
Sustainable Material LEED Sustainable Material LEED O Facilities/Asset Manageme Facilities/Asset Manageme	ent URL to 0&M Manual ent Daily		Text	Maintenance tasks or SFG2012 codes.					
Sustainable Material LEED Sustainable Material LEED O Facilities/Asset Manageme	ent URL to O&M Manual ent Daily ent Weekly								
Sustainable Material LEED Sustainable Material LEED Communication Facilities/Asset Manageme Facilities/Asset Manageme Facilities/Asset Manageme Facilities/Asset Manageme	nt URL to O&M Manual ent Daily ent Veckly ent Monthly ent Quarterly		Text Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.					
Sustainable Material LEED Sustainable Material LEED O Facilities/Asset Manageme Facilities/Asset Manageme Facilities/Asset Manageme Facilities/Asset Manageme Facilities/Asset Manageme	net UFL to 0&M Manual Tally Tally Vexly Int Monthly Cauterly Int S Monthly S Monthly		Text Text Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.					
Sustainable Material LEED Sustainable Material LEED OF Facilities!Asset Manageme	int Uffit to 06M Manual Daily Int Verkily Int Onnih Onnih Ountrily Onnih Onnih		Text Text Text Text Text Text Text Text	Maintenance tasks or SFG2012 codes.					
Sustainable Material LEED Sustainable Material LEED Facilities/Asset Manageme	IVEL to O&M Manual Daily Totaly Totaly Totaly Totaly Total Totaly Total		Text Text Text Text Text Text Text Text	Maintenance tasks or SFG2012 codes.					
Sustainable Material LEED Sustainable Material LEED OF Facilities!Asset Manageme	int URL to O&M Manual Daily Int Veekly Int Ownerby Int Montely Int Shorterby Int Shorterby Annually Annually Int Bepoke Timefarme Maintenance Required: 0-300hrs		Text Text Text Text Text Text Text Text	Maintenance tasks or SFG2012 codes.					



PDT Notes

Add some Notes to help populate the fields.

Template Category	Category			
	Category			
Template Version	v.			
Category Description	Description			
Classification System				
Classification	Value			
nformation Category	Parameter Name	Value	Units	Notes
	anufacturer Data	1000		
Specifications	Manufacturer		Text	
Specifications	Manufacturer Website		URL	
Specifications	Product Range		84	
Specifications	Product Model Number (Code)			
specifications	CE Approval No.			
Specifications Ca	Product Literature Webpage		URL	<u> </u>
Specifications CC	Type		Text	s a COBie field, other fields will be required in final
Specifications	Shape		Text	This is a COBie field, other fields will be required in final
Specifications	Material		Text	This is a COBie field, other fields will be required in final
	nensional Data			
Specifications	Overall Length		mm	
Specifications Specifications	Overall Vidth		mm	
Specifications	Overall Height GrossWeight		mm kg	Equates to Operating Weight
Specifications	Shipping Weight		kg kg	Equates to operating weight
Specifications	Access Clearance Top		mm	
Specifications	Access Clearance Bottom		mm	
Specifications	Access Clearance Left		mm	
Specifications	Access Clearance Right		mm	
Specifications Specifications	Access Clearance Front		mm	
	Access Clearance Rear		mm	
Specifications	ReferenceStandard		Text	
	ectrical Data (if required)		Tiew	
Specifications	Incoming Supply Electrical Voltage	1	Volts	
Specifications	Incoming Supply Phase		Number	1,3
Specifications	Incoming Supply Electrical Frequency		Hertz	50,60
Specifications	Motor Enclosure Rating		Text	IP numbers
Specifications Specifications	Motor Type Number of Poles		Text	1,3
Specifications	Motor Efficiency Class (CEMEP)		Number Text	1,3
Specifications	Starting Method		Text	DoL,StarDelta, Soft
Co	ntrols		•	
Specifications	BMSLinks		Y/N	
	stainability			
Sustainable Material	Embodied Carbon		kgCO2	
Sustainable Material Sustainable Material	Life Cycle Analysis Location of Manufacturer		Number GridRef	BREEAM
Sustainable Material	Green Guide for Specification		Text	Northing,Easting A - E
Sustainable Material	Environmental Product Declaration		Text	3rd Party Verification
Sustainable Material	Responsible Sourcing of Materials		Text	Endorsing body
Sustainable Material ETL	URL to Energy Technology List		URL	Hyperlink to ETL webpage for product
Sustainable Material LEED	Responsible Extraction of Materials		Text	TBA
Sustainable Material LEED	Material Ingredient Reporting	_	Text	TBA
Op Facilities/Asset Management			Text	Hyperlink to Manufacturer O&M Data
acilities/Asset Manageme			Text	Maintenance tasks or SFG2012 codes.
acilities/Asset Manageme	nt Weekly		Text	Maintenance tasks or SFG2012 codes.
acilities/Asset Manageme			Text	Maintenance tasks or SFG2012 codes.
acilities/Asset Manageme			Text	Maintenance tasks or SFG2012 codes.
acilities/Asset Manageme			Text	Maintenance tasks or SFG2012 codes.
acilities/Asset Manageme			Text	Maintenance tasks or SFG2012 codes.
Facilities/Asset Manageme Facilities/Asset Manageme			Text Text	Maintenance tasks or SFG2012 codes. Maintenance tasks required during this time frame.
acilities/Asset Manageme	nt Maintenance Required: 301-600hrs		Text	Maintenance tasks required during this time frame.



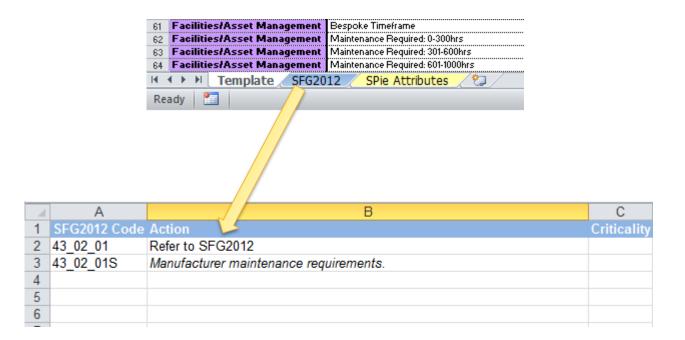
PDT Units

Identify the Units of Measurement for each field.

Template Category	Category			
Template Version		<u> </u>		
Category Description	Description			
Classification System				
Classification	Value			
nformation Category F	Parameter Name	Value	Units	Notes
	facturer Data			
	Manufacturer		Text	
	Manufacturer Website		URL	
	Product Range Product Model Number (Code)		Text	
	DE Approval No.		Text	
	Product Literature Webpage		URL	
	ruction Data			
	Туре		Text	This is a COBie field, other fields will be required in final P
	Shape		Text	This is a COBie field, other fields will be required in final P
	Material Isional Data		Text	This is a COBie field, other fields will be required in final Pl
	Dverall Length		D	
	Dverall Width		V-	
	Dverall Height		ļ	
	Gross'Veight		kg	Equates to Operating Weight
	Shipping Weight		kg	
	Access Clearance Top		mm	
	Access Clearance Bottom		mm	
	Access Clearance Left Access Clearance Right		mm	
	Access Clearance Hight Access Clearance Front		mm mm	
	Access Clearance Front Access Clearance Rear		mm	
	rmance Data			
Specifications	ReferenceStandard		Text	
Electri	ical Data (if required)			
	ncoming Supply Electrical Voltage		Volts	
	ncoming Supply Phase		Number	1,3
	ncoming Supply Electrical Frequency		Hertz	50,60
	Motor Enclosure Rating Motor Type		Text	IP numbers
	Number of Poles		Number	1,3
	Motor Efficiency Class (CEMEP)		Text	
	Starting Method		Text	DoL,StarDelta, Soft
Contro				
	BMS Links		Y/N	
	inability Embodied Carbon		1	
	Embodied Carbon Life Cycle Analysis		kgCO2 Number	BREEAM
	Lire Cycle Analysis Location of Manufacturer		GridRef	Northing,Easting
Sustainable Material	Green Guide for Specification		Text	A-E
	Environmental Product Declaration		Text	3rd Party Verification
	Responsible Sourcing of Materials		Text	Endorsing body
	JRL to Energy Technology List Responsible Extraction of Materials		URL Text	Hyperlink to ETL webpage for product
	Hesponsible Extraction or Materials Material Ingredient Reporting		Text	TBA TBA
	ntions & Maintenance			1011
	URL to 0&M Manual		Text	Huperlink to Manufacturer O&M Data
acilities/Asset Management	Daily		Text	Maintenance tasks or SFG2012 codes.
	w'eekly		Text	Maintenance tasks or SFG2012 codes.
	Monthly		Text	Maintenance tasks or SFG2012 codes.
	Quarterly 6 Monthly		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
	Annually		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks or SFG2012 codes.
		<u> </u>		
	Bespoke Timeframe	l .	Text	Maintenance tasks or SFG2012 codes.
acilities/Asset Management E acilities/Asset Management N	Bespoke Timeframe Maintenance Required: 0-300hrs Maintenance Required: 301-600hrs		Text	Maintenance tasks or SFG2012 codes. Maintenance tasks required during this time frame.



PDT Construction Maintenance tasks: Identify SFG2012 code (if applicable)





PDT Construction SPie attributes

Paste in the Attributes tab from the SPie spreadsheet (if available) and ensure that any non-project specific attributes are covered by the PDT fields.

• •	61	Ea	cili	tios/Acco	Manac	tement	Resnoke	Timeframe ance Required: 0-300hrs ance Required: 301-600hrs ance Required: 601-1000hrs
		-		HESINSSE		,ement	Despoke	Tillelialie
	62	Fa	cili	ties/Asse	t Manag	jement	Maintena	ance Required: 0-300hrs
	63	Fa	cili	ties/Asse	t Manac	iement	Maintena	ance Required: 301-600hrs
	64	=-		tiaclAcca			Mainton	noo Poquirod C01 1000krs
	64	Га	CFILI	Hestasse	i Malia <u>i</u>	jement	iviallicena	ance medanea: 601-1000ms
	H	← →	· •	Temp	late 🦽	SFG20	12	SPie Attributes 💝
	Re	ady		9				
	111	uuy						
							<u> </u>	\$ 5 m
				_			se cription	AllowedValu
Name				Value	i i		8 /	
AcquisitionDate 2			20	> 12-02-11T14:11:48	n/a	The date that th	ne manufact	in/a
AirDiffusionPerforman	reInde	v	20		n/a	The Air Diffusio		n/a
AirFlowrateRange	ioemioe,		0.	. , 0.	n/a		ige within which	
AirFlowrateVersusFlow	vContro	lEleme		/a, (n/a		rsus flow control	
AirflowType				set	enumeration			supplyair, returnair, exhaustair, other, notknown, unset
AssemblyPlace				set				factory , offsite , site , other , notknown , unset
BatchReference			n/		n/a		the batch refere	
CoreSetHorizontal				(n/a	Degree of horiz	ontal (in the X-a	n/a
CoreSetVertical					n/a		cal (in the Y-axis	
CoreType			un	set	enumeration	Identifies the w	ay the core of th	shutterblade, curvedblade, removable, reversible, none, other, notknown, unset
DischargeDirection			un	set	enumeration	Discharge direc	tion of the air te	parallel , perpendicular , adjustable , other , notknown , unset
Documentation			ht	p://www.buildingSI			rm Resource Info	
DocumentReference			ht	p://www.buildingSI	n/a	Location (Unifo	rm Resource Info	n/a
EffectiveArea				(n/a	Effective discha	rge area of the a	n/a
ElementType			GF	ILLE: A covering for a	n/a	ElementType		n/a
ElevationWithFlooring				(millimeters	ElevationWithF	looring	n/a
FaceType			un	set	enumeration	Identifies how	the terminal face	fourwaypattern , singledeflection , doubledeflection , sightproof , eggcrate , perforat
FinishColor			n/	1	n/a	The finish color	for the air termi	n/a
FinishType			un	set	enumeration			annodized , painted , none , other , notknown , unset
FlowControlType			un	set	enumeration		ntrol element th	damper , bellows , none , other , notknown , unset
FlowPattern			un	set		Flow pattern.		linearsingle , lineardouble , linearfourway , radial , swirl , displacment , compactjet , c
GrossWeight					mass	Weight of the e		n/a
HasIntegralControl			fal		boolean		owered tempera	
HasSoundAttenuator			fal	700	boolean		terminal has sou	
HasThermalInsulation			fal		boolean		terminal has the	
IfcExportAs				AirTerminalType	n/a	Mapping to IFC		n/a
IfcExportType			_	ILLE	n/a		Predefined Type	
InteriorOrExteriorSpace	e			ernal	n/a enumeration	InteriorOrExter		n/a
Location				set Tamalata				sidewallhigh, sidewalllow, ceilingperimeter, ceilinginterior, floor, sill, other, notk
MethodOfMeasurement	nt			Product Template set	n/a enumeration	Method of mea		n/a surface , flatflush , layin , other , notknown , unset
MountingType NeckArea			un		n/a	Neck area of the		n/a
NumberOfSlots			_		n/a	Number of slot		n/a
ObjectType			GE	ILLE	n/a	ObjectType		n/a
Perimeter			GH		millimeters		e air terminal fa	
PredefinedType			gri		n/a	PredefinedType		n/a
Process				placement at service		Specification of		n/a
Reference			n/		n/a		r this specified t	
ReferenceStandard				tDefined	n/a		dard(s) to which	
RefLatitude				, 28 , 0	n/a	RefLatitude		n/a
			2.4	, , 0	1-44			19.5



Quality Assurance

Consultation and Approval process:



- Professional body appoint Originating author
- Liaise with Manufacturers

Technical Approval

- Refer to Peers
- Liaise with Professional body Technical Committee

Consultation

- Issue for draft use
- Gather feedback and enact where appropriate

Issue

- Final Technical Committee sign off
- Approved for use

Annual Check

- Gather feedback and Review by Professional body
- Changes approved by Technical Committee





While many other spreadsheet programs are available and may be used in creating PDTs, here are a few tips and tricks to use in Excel in writing them.

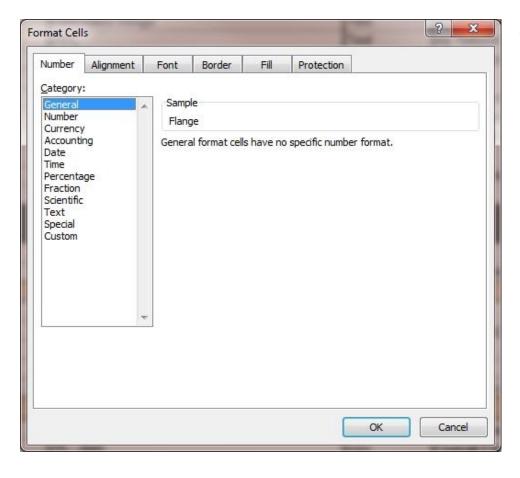






EXCEL TIPS AND TRICKS

Limit format of responses



To limit the responses to a single data format, such as a number, or a percentage, you can format the cell to only accept this kind of data.

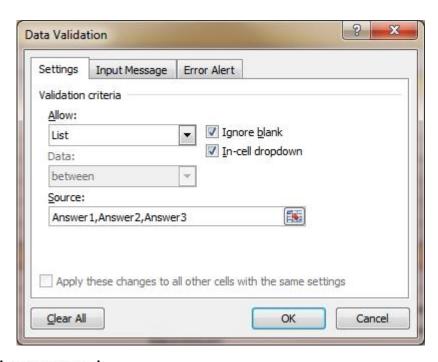
Remember that if the response could be either a range (1, ,3) or a list (1,2,3), the format has to be General.

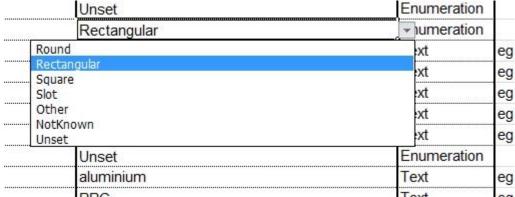


FXCFL TIPS AND TRICKS

Drop down lists

If the responses are to be from a list and only from that list i.e. no other response is possible, then you can use Data Validation (under the Data tab) to achieve this.

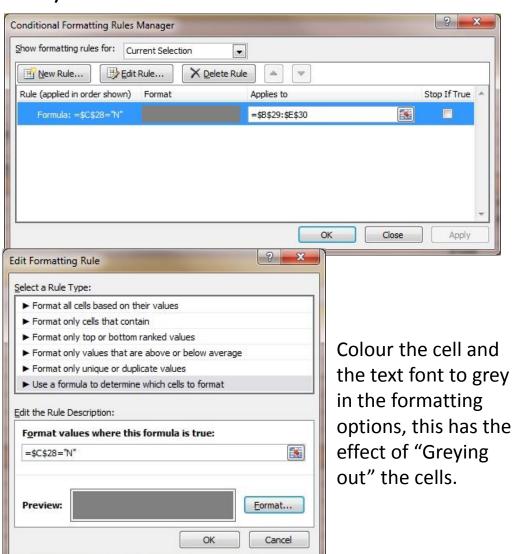






EXCEL TIPS AND TRICKS

Grey out rows



To grey out rows in response to an answer made elsewhere; highlight some or all of the cells affected and, using the Conditional Formatting option, apply a new rule.

This works best if the trigger cell has a drop down list of options.





EXCEL TIPS AND TRICKS

Mouse-over help



To make a help message appear when the users mouse clicks on a cell, use Data Validation and select the Input Message option

This is how it looks:

	Rectangular	Rectangular					
	Flange	Text	eg				
	aluminium	Text	eg				
	concealed fixings	Text	eg				
3/43/43/43	PPC	PPC message					
	RAL 9010 20%	Text	eg				
	Unset	Enumeration					
	aluminium		Text	eg			

