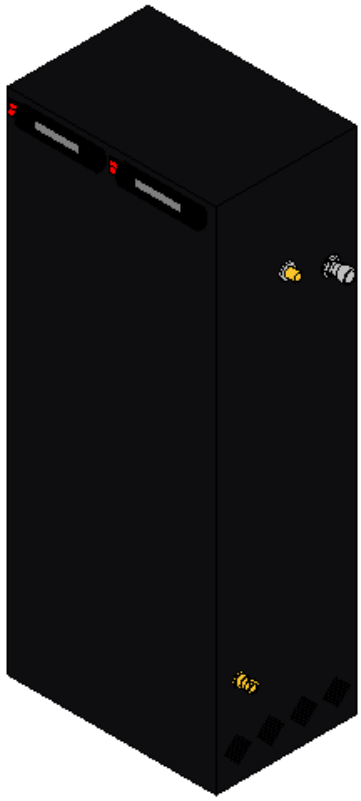
Flamco
Flow of Innovation

Product Data Sheet Twin System Range

Flamco has recently updated their libraries with a collection of BIM objects for Flamco's Pressurisation units.

Please find the technical details contained within the Revit Model for Flamco Twin System range



	Twinsys 2 x 125D	TwinSys 2 x 150D
Additional Volt Free Contacts##OTHER##	Individual High and Low Pressure, Individual Pump Health, Sensor Health	Individual High and Low Pressure, Individual Pump Health, Sensor Health
Air Gap Classification##OTHER##	AB / Cat 5 Fluid	AB / Cat 5 Fluid
Assembly Code##OTHER##	D2020200	D2020200
Audible Alarm##OTHER##	1	1
BarCode##OTHER##	8712874174252	8712874450622
BMS Communication##OTHER##	1	1

BMS Interlock##OTHER##	1	1
ChangeDescription##OTHER##	Intial Issue	Intial Issue
ClassificationName##OTHER##	Uniclass 2015	Uniclass 2015
ClassificationValue##OTHER##	Pr_65_53_86_68	Pr_65_53_86_68
Clearance Zone Bottom##LENGTH##MILLIMETERS	0.000000000000	0.000000000000
Clearance Zone Front##LENGTH##MILLIMETERS	800.000000000000	800.000000000000
Clearance Zone Sides##LENGTH##MILLIMETERS	150.000000000000	150.000000000000
Clearance Zone Top##LENGTH##MILLIMETERS	500.000000000000	500.000000000000
Clearance Zone##OTHER##	0	0
Color##OTHER##	Black (RAL 9005)	Black (RAL 9005)
Controls##OTHER##	Digital	Digital
Customer Product Code##OTHER##	17425	17426
CW Connection##OTHER##	1	1
Default High Pressure Alarm Setting##OTHER##	2.7	2.7
Default Low Pressure Alarm Setting##OTHER##	0.5	0.5

Description##OTHER##	Floor standing Twin system - single pump pressurisation equipment, 2.5 bar maximum cold fill pressure	Floor standing Twin system - single pump pressurisation equipment, 5.0 bar maximum cold fill pressure
DocumentationCertificates ##OTHER##	https://flamcogroup.com/uk-en/docfinder/pressurisation-and-expansion-automats/ex-en/manuals/c+l+t	https://flamcogroup.com/uk-en/docfinder/pressurisation-and-expansion-automats/ex-en/manuals/c+l+t
DocumentationInstallationGuide ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
DocumentationLiterature ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
DocumentationMaintenance ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
DocumentationTechnical ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
Dry Run Protection##OTHER##	1	1
DurationUnit##OTHER##	5-7 years	5-7 years
EANCode##OTHER##	8712874174252	8712874450622
Electrical Supply##OTHER##	230V/1/60Hz	230V/1/60Hz
ExpectedLife##OTHER##	5	5
Factory Test##OTHER##	1	1

Features##OTHER##	Electronic Control, Single Pump per system, Floor Standing, Common Alarm, Volt Free Contacts, Modbus Connectivity, LED Display, CAT5 Break Tank, Dry Run Protection	Electronic Control, Single Pump per system, Floor Standing, Common Alarm, Volt Free Contacts, Modbus Connectivity, LED Display, CAT5 Break Tank, Dry Run Protection
Finish##OTHER##	Powder coated Black (RAL 9005)	Powder coated Black (RAL 9005)
High / Low Pressure Alarm Configaration##OTHER##	Individual Digital VFC	Individual Digital VFC
IfcExportAs##OTHER##	IfcFlowMovingDevice	IfcFlowMovingDevice
IfcExportType##OTHER##	IfcPumpType	IfcPumpType
InstallationDate##OTHER##	Record on Installation	Record on Installation
Internal Drain Valve##OTHER##	1	1
Internal Storage Tank Volume##OTHER##	18.0 L	18.0 L
Keynote##OTHER##	S10	S10
Language Codes##OTHER##	EN, NL, DE, IT, FR	EN, NL, DE, IT, FR
Mains Cold Water Inlet (inch)##OTHER##	½ BSP	½ BSP
Maintainance Access##OTHER##	Bolted Access Panels	Bolted Access Panels
Manufacturer##OTHER##	Flamco Ltd	Flamco Ltd
Material##OTHER##	Steel, Copper, Brass, Aluminium, Plastic, rubber	Steel, Copper, Brass, Aluminium, Plastic, rubber
Maximum Cold Fill Pressure (bar) ##OTHER##	2.5	5

Maximum Static Height (m) ##OTHER##	25	50
Maximum System Operating Pressure (bar)##OTHER##	PN10	PN10
Maximum Water Flow Rate (l/min) ##OTHER##	28.0 l/min	17.0 l/min
Maximum Water Flow Rate at Maximum Cold Fill Pressure (l/min) ##OTHER##	14.0 l/min	9.0 l/min
Model##OTHER##	Twinsys 2 x 125D	Twinsys 2 x 150D
ModelNumber##OTHER##	17425	17426
Noise Level (dBA)##OTHER##	<75	<75
Nominal Pressure Differential (bar) ##OTHER##	0.2 bar	0.2 bar
NominalDepth##LENGTH ##MILLIMETERS	390.000000000000	390.000000000000
NominalHeight##LENGTH ##MILLIMETERS	790	790
NominalLength##LENGTH ##MILLIMETERS	900.000000000000	900.000000000000
NominalWidth##LENGTH ##MILLIMETERS	475.000000000000	475.000000000000
Overflow (Polythene Pipe) Diameter (mm)##LENGTH##MILLIMETERS	22.000000000000	22.000000000000
Packaged Dimensions##OTHER##	475x335x800	475x335x800
Packaged Weight##OTHER##	35	39

Panel_pos##LENGTH ##MILLIMETERS	160.000000000000	160.000000000000
PN Rating##OTHER##	PN10	PN10
Pressure Control Resolution##OTHER##	0.1 bar	0.1 bar
Pressure Switch Contact Rating##OTHER##	240v 5A	240v 5A
Product Code Internal##OTHER##	17425	17426
Product Page Link##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
ProductionYear##OTHER##	Record on Commissioning	Record on Commissioning
Pump NRV##OTHER##	External to Pump	External to Pump
Pump##OTHER##	Single per system	Single per system
Recommended Clearance From Bottom (mm)##LENGTH##MILLIMETERS	0.000000000000	0.000000000000
Recommended Clearance From Front (mm) ##LENGTH##MILLIMETERS	800.000000000000	800.000000000000
Recommended Clearance From Sides (mm) ##LENGTH##MILLIMETERS	150.000000000000	150.000000000000
Recommended Clearance From Top (mm) ##LENGTH##MILLIMETERS	500.000000000000	500.000000000000
ReferencedStandard##OTHER##	Machinery directive 2006/42/EC / EMC 2004/108/EC, Pressure Equipment Directive 2014/68/EU	Machinery directive 2006/42/EC / EMC 2004/108/EC, Pressure Equipment Directive 2014/68/EU
Run Current (Per Pump Motor) (Amps)##OTHER##	2.6	3.4

Run Current## ELECTRICAL_CURRENT ##AMPERES	0.000000000000	0.000000000000
Sensor Signal Range##OTHER##	1-6V 0-10 Bar	1-6V 0-10 Bar
SerialNumber##OTHER##	Record on Commissioning	Record on Commissioning
Shape##OTHER##	cuboid	cuboid
SpareParts##OTHER##	Contact Service dept (+44 (0)1744 744 744 Opt 3)	Contact Service dept (+44 (0)1744 744 744 Opt 3)
Start Current (Per Pump Motor) (Amps)##OTHER##	7.5 Amps	10.2 Amps
SustainabilityPerformance ##OTHER##	N/A	N/A
System Connection Compression Fitting Diameter (mm)##LENGTH##MILLIMETERS	15.000000000000	15.000000000000
System##OTHER##	Sealed System (e.g. Heating, Cooling, Underfloor, Condensing, etc)	Sealed System (e.g. Heating, Cooling, Underfloor, Condensing, etc)
TagNumber##OTHER##	Record on Commissioning	Record on Commissioning
TOP_DEPTH##LENGTH ##MILLIMETERS	320.000000000000	320.000000000000
TOP_WIDTH##LENGTH ##MILLIMETERS	480.000000000000	480.000000000000
Type Comments##OTHER##	Twin system Digital Pressurisation Unit	Twin system Digital Pressurisation Unit
TypeName##OTHER##	Twinsys 2 x 125D	TwinSys 2 x 150D
URL##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view

Vent Connection##OTHER##	1	1
Version##OTHER##	1.0	1.0
VersionDate##OTHER##	22/02/18	22/02/18
Volt Free Contact Rating##OTHER##	240V / 8A	240V / 8A
Voltage##ELECTRICAL_POTENTIAL ##VOLTS	230.000000000000	230.000000000000
WarrantyDescription##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyDurationLabor##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyDurationParts##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyDurationUnit##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyGuarantorLabor ##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyGuarantorParts ##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
Waste Connection##OTHER##	1	1
Weight (Empty) (Kg)##OTHER##	34.5	38.5
Weight (Full) (Kg)##OTHER##	52.5	56.5
Year Of Introduction##OTHER##	2007	2007
_created by##OTHER##	www.alusservices.co.uk	www.alusservices.co.uk

	TwinSys 2 x 225D	TwinSys 2 x 250D
Additional Volt Free Contacts##OTHER##	Individual High and Low Pressure, Individual Pump Health, Sensor Health	Individual High and Low Pressure, Individual Pump Health, Sensor Health
Air Gap Classification##OTHER##	AB / Cat 5 Fluid	AB / Cat 5 Fluid
Assembly Code##OTHER##	D2020200	D2020200
Audible Alarm##OTHER##	1	1
BarCode##OTHER##	8712874174269	8712874450639
BMS Communication##OTHER##	1	1
BMS Interlock##OTHER##	1	1
ChangeDescription##OTHER##	Intial Issue	Intial Issue
ClassificationName##OTHER##	Uniclass 2015	Uniclass 2015
ClassificationValue##OTHER##	Pr_65_53_86_68	Pr_65_53_86_68
Clearance Zone Bottom##LENGTH##MILLIMETERS	0.000000000000	0.000000000000
Clearance Zone Front##LENGTH##MILLIMETERS	800.000000000000	800.000000000000
Clearance Zone Sides##LENGTH##MILLIMETERS	150.000000000000	150.000000000000
Clearance Zone Top##LENGTH##MILLIMETERS	500.000000000000	500.000000000000
Clearance Zone##OTHER##	0	0
Color##OTHER##	Black (RAL 9005)	Black (RAL 9005)
Controls##OTHER##	Digital	Digital
Customer Product Code##OTHER##	45062	45063
CW Connection##OTHER##	1	1
Default High Pressure Alarm Setting##OTHER##	2.7	2.7
Default Low Pressure Alarm Setting##OTHER##	0.5	0.5
Description##OTHER##	Floor standing Twin system - twin pump pressurisation equipment, 2.5 bar maximum cold fill pressure	Floor standing Twin system - twin pump pressurisation equipment, 5.0 bar maximum cold fill pressure

DocumentationCertificates ##OTHER##	https://flamcogroup.com/uk-en/docfinder/pressurisation-and-expansion-automats/ex-en/manuals/c+l+t	https://flamcogroup.com/uk-en/docfinder/pressurisation-and-expansion-automats/ex-en/manuals/c+l+t
DocumentationInstallationGuide ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
DocumentationLiterature ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
DocumentationMaintenance ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
DocumentationTechnical ##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
Dry Run Protection##OTHER##	1	1
DurationUnit##OTHER##	5-7 years	5-7 years
EANCode##OTHER##	8712874174269	8712874450639
Electrical Supply##OTHER##	230V/1/60Hz	230V/1/60Hz
ExpectedLife##OTHER##	5	5
Factory Test##OTHER##	1	1
Features##OTHER##	Electronic Control, Twin Pump per system, Floor Standing, Common Alarm, Volt Free Contacts, Modbus Connectivity, LED Display, CAT5 Break Tank, Dry Run Protection	Electronic Control, Twin Pump per system, Floor Standing, Common Alarm, Volt Free Contacts, Modbus Connectivity, LED Display, CAT5 Break Tank, Dry Run Protection
Finish##OTHER##	Powder coated Black (RAL 9005)	Powder coated Black (RAL 9005)
High / Low Pressure Alarm Configaration##OTHER##	Individual Digital VFC	Individual Digital VFC
IfcExportAs##OTHER##	IfcFlowMovingDevice	IfcFlowMovingDevice

IfcExportType##OTHER##	IfcPumpType	IfcPumpType
InstallationDate##OTHER##	Record on Installation	Record on Installation
Internal Drain Valve##OTHER##	1	1
Internal Storage Tank Volume##OTHER##	18.0 L	18.0 L
Keynote##OTHER##	S10	S10
Language Codes##OTHER##	EN, NL, DE, IT, FR	EN, NL, DE, IT, FR
Mains Cold Water Inlet (inch) ##OTHER##	½ BSP	½ BSP
Maintainance Access##OTHER##	Bolted Access Panels	Bolted Access Panels
Manufacturer##OTHER##	Flamco Ltd	Flamco Ltd
Material##OTHER##	Steel, Copper, Brass, Aluminium, Plastic, rubber	Steel, Copper, Brass, Aluminium, Plastic, rubber
Maximum Cold Fill Pressure (bar) ##OTHER##	2.5	5
Maximum Static Height (m) ##OTHER##	25	50
Maximum System Operating Pressure (bar)##OTHER##	PN10	PN10
Maximum Water Flow Rate (l/min)##OTHER##	28.0 l/min	17.0 l/min
Maximum Water Flow Rate at Maximum Cold Fill Pressure (l/min)##OTHER##	14.0 l/min	9.0 l/min
Model##OTHER##	Twinsys 2 x 225D	TwinSys 2 x 250D
ModelNumber##OTHER##	45062	45063
Noise Level (dBA)##OTHER##	<75	<75
Nominal Pressure Differential (bar)##OTHER##	0.2 bar	0.2 bar
NominalDepth##LENGTH ##MILLIMETERS	390.000000000000	390.000000000000
NominalHeight##LENGTH ##MILLIMETERS	1160	1160
NominalLength##LENGTH ##MILLIMETERS	900.000000000000	900.000000000000
NominalWidth##LENGTH ##MILLIMETERS	475.000000000000	475.000000000000

Overflow (Polythene Pipe) Diameter (mm)##LENGTH##MILLIMETERS	22.000000000000	22.000000000000
Packaged Dimensions##OTHER##	470x335x1170	470x335x1170
Packaged Weight##OTHER##	35	39
Panel_pos##LENGTH ##MILLIMETERS	160.000000000000	160.000000000000
PN Rating##OTHER##	PN10	PN10
Pressure Control Resolution##OTHER##	0.1 bar	0.1 bar
Pressure Switch Contact Rating##OTHER##	240v 5A	240v 5A
Product Code Internal##OTHER##	45062	45063
Product Page Link##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
ProductionYear##OTHER##	Record on Commissioning	Record on Commissioning
Pump NRV##OTHER##	External to Pump	External to Pump
Pump##OTHER##	Twin per system	Twin per system
Recommended Clearance From Bottom (mm) ##LENGTH##MILLIMETERS	0.000000000000	0.000000000000
Recommended Clearance From Front (mm) ##LENGTH##MILLIMETERS	800.000000000000	800.000000000000
Recommended Clearance From Sides (mm) ##LENGTH##MILLIMETERS	150.000000000000	150.000000000000
Recommended Clearance From Top (mm)##LENGTH##MILLIMETERS	500.000000000000	500.000000000000
ReferencedStandard##OTHER##	Machinery directive 2006/42/EC / EMC 2004/108/EC, Pressure Equipment Directive 2014/68/EU	Machinery directive 2006/42/EC / EMC 2004/108/EC, Pressure Equipment Directive 2014/68/EU
Run Current (Per Pump Motor) (Amps)##OTHER##	2.6	3.4
Run Current##ELECTRICAL_CURRENT## AMPERES	0.000000000000	0.000000000000
Sensor Signal Range##OTHER##	1-6V 0-10 Bar	1-6V 0-10 Bar

SerialNumber##OTHER##	Record on Commissioning	Record on Commissioning
Shape##OTHER##	cuboid	cuboid
SpareParts##OTHER##	Contact Service dept (+44 (0)1744 744 744 Opt 3)	Contact Service dept (+44 (0)1744 744 744 Opt 3)
Start Current (Per Pump Motor) (Amps)##OTHER##	7.5 Amps	10.2 Amps
SustainabilityPerformance ##OTHER##	N/A	N/A
System Connection Compression Fitting Diameter (mm) ##LENGTH##MILLIMETERS	15.000000000000	15.000000000000
System##OTHER##	Sealed System (e.g. Heating, Cooling, Underfloor, Condensing, etc)	Sealed System (e.g. Heating, Cooling, Underfloor, Condensing, etc)
TagNumber##OTHER##	Record on Commissioning	Record on Commissioning
TOP_DEPTH##LENGTH ##MILLIMETERS	320.000000000000	320.000000000000
TOP_WIDTH##LENGTH ##MILLIMETERS	480.000000000000	480.000000000000
Type Comments##OTHER##	Twin system Digital Pressurisation Unit	Twin system Digital Pressurisation Unit
TypeName##OTHER##	TwinSys 2 x 225D	TwinSys 2 x 250D
URL##OTHER##	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view	https://flamcogroup.com/uk-en/catalog/system-components-for-heating-cooling-and-potable-water-installations/expansion-automats-and-pressurisation-equipment/groups/g+c+view
Vent Connection##OTHER##	1	1
Version##OTHER##	1.0	1.0
VersionDate##OTHER##	22/02/18	22/02/18
Volt Free Contact Rating##OTHER##	240V / 8A	240V / 8A
Voltage##ELECTRICAL_POTENTIAL ##VOLTS	230.000000000000	230.000000000000
WarrantyDescription##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyDurationLabor##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyDurationParts##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration

WarrantyDurationUnit##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyGuarantorLabor ##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
WarrantyGuarantorParts ##OTHER##	http://flamcogroup.com/warranty-registration	http://flamcogroup.com/warranty-registration
Waste Connection##OTHER##	1	1
Weight (Empty) (Kg)##OTHER##	45.5	53.5
Weight (Full) (Kg)##OTHER##	63.5	71.5
Year Of Introduction##OTHER##	2007	2007
_created by##OTHER##	www.alusservices.co.uk	www.alusservices.co.uk