

## IC3 - BIM Properties



Parameter	Value	Formula	Lock
<b>Constraints</b>			
Default Elevation	1200		
Insulation Jacket Visibility	Off/On		
Internal Components Visibility	Off/On		
<b>Materials and Finishes</b>			
Main Component Material	UNI EN 12165 CW617N		
Insulation Cover Material	EPP 0.037 W/m*K		
Plate Heat Exchanger Material	Brazed Stainless Steel		
<b>Mechanical</b>			
Loss Method			
K Coefficient Table			
K Coefficient			
<b>IFC Parameters</b>			
IfcExportAs	N/A		
IfcExportType	N/A		
NominalDepth	226		
NominalHeight	835		
NominalLength	475		
NominalWidth	475		
<b>Model Properties</b>			
Author	CH		
AuthorizedBy	Rhico District Heating Systems		
BSBibleVersion	16		
BimSpecGuid	0		
CreatedBy	Rhico District Heating Systems		
CurrentRevision	1		
DistributedBy	Rhico		
<b>General</b>			
BIMObjectName	Rhico_MechanicalEquipment_IC3		
NBSDescription	Indirect Cooling Interface Unit		
NBSNote			
NBSObjectName	Rhico Products - Indirect Cooling Interface Unit		
NBSOfficeMasterTag	N/A		
NBSReference	N/A		
<b>Data</b>			
Application	Indirect Cooling Interface Unit		
Approval			
EANCode			
GPIDCode			
SpareParts			
General Description	<p>The Rhico IC Indirect Heat Interface Unit is a cooling only module, offering total system separation between the primary and secondary cooling circuit. The IC range of HIU's is an efficient way of utilising the advantages of district cooling and central plant systems, whilst offering individual utility billing via either a credit or pre-payment facility. The compact, service-friendly design is fully insulated and ideal for both commercial or residential buildings.</p>		
Weight	22kg		
Hydraulic Connections (With Interception Jig)	G 1"		
Mounting	Wall Hung		
Maximum Pressure	10Bar		

Maximum Supply Temperature	50°C		
Minimum Temperature	5°C		
Electrical Supply	230V		
Cooling Capacity	3kW		
Flow Rate Primary (6/12°C)	430l/h		
Pressure Loss Primary (6/12°C)	25kPa		
Flow Rate Primary (8/14°C)	430l/h		
Pressure Loss Primary (8/14°C)	25kPa		
Exchange Surface	0.82m2		
Pump (Wilo YONOS PARA)	6mca		
Residual Head	49.8kPa		
Other			
AccessibilityPerformance	N/A		
AssetIdentifier (default)	Please record on commissioning		
AssetType	Fixed		
BarCode (default)	Please record on commissioning		
ClassificationName	Uniclass2015		
ClassificationValue	Pr_75_51_17_78		
CodePerformance	N/A		
Color	Red, White & Black		
Constituents	N/A		
CreatedBy	CH		
CreatedOn	08/02/2021 T10:00:00		
DocumentationCertificates			
DocumentationInstallationGuide			
DocumentationLiterature			
DocumentationMaintenance			
DocumentationTechnical	<a href="https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf">https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf</a>		
DurationUnit			
ExpectedLife			
Features			
Finish	EPP Foam		
Grade			
InstallationDate (default)			
ManufacturerName	Rhico District Heating Systems		
Material	EPP Foam		
ModelNumber			
ModelReference			
ProductionYear	As per serial information		
ReferencedStandard			
SerialNumber (default)	Please record on commissioning		
Shape	Cylindrical		
Size	N/A		
TypeName			
WarrantyDescription			
WarrantyDurationLabor			
WarrantyDurationParts			
WarrantyDurationUnit			
WarrantyGuarantorParts			
WarrantyStartDate (default)	Please record on commissioning		
Identity Data			
Assembly Code	D20		
Cost			
Description	Rhico Products - IC3		
Keynote	S		
Manufacturer	Rhico District Heating Systems		
Model	Rhico Products - IC3		
Type Comments	Rhico Products - IC3		
Type Image			
URL	<a href="https://www.rhico.co.uk/">https://www.rhico.co.uk/</a>		

## IC6 - BIM Properties



Parameter	Value	Formula	Lock
<b>Constraints</b>			
Default Elevation	1200		
Insulation Jacket Visibility	Off/On		
Internal Components Visibility	Off/On		
<b>Materials and Finishes</b>			
Main Component Material	UNI EN 12165 CW617N		
Insulation Cover Material	EPP 0.037 W/m*K		
Plate Heat Exchanger Material	Brazed Stainless Steel		
<b>Mechanical</b>			
Loss Method			
K Coefficient Table			
K Coefficient			
<b>IFC Parameters</b>			
IfcExportAs	N/A		
IfcExportType	N/A		
NominalDepth	226		
NominalHeight	835		
NominalLength	475		
NominalWidth	475		
<b>Model Properties</b>			
Author	CH		
AuthorizedBy	Rhico District Heating Systems		
BSBibleVersion	16		
BimSpecGuid	0		
CreatedBy	Rhico District Heating Systems		
CurrentRevision	1		
DistributedBy	Rhico		
<b>General</b>			
BIMObjectName	Rhico_MechanicalEquipment_IC6		
NBSDescription	Indirect Cooling Interface Unit		
NBSNote			
NBSObjectName	Rhico Products - Indirect Cooling Interface Unit		
NBSOfficeMasterTag	N/A		
NBSReference	N/A		
<b>Data</b>			
Application	Indirect Cooling Interface Unit		
Approval			
EANCode			
GPIDCode			
SpareParts			
General Description	<p>The Rhico IC Indirect Heat Interface Unit is a cooling only module, offering total system separation between the primary and secondary cooling circuit. The IC range of HIU's is an efficient way of utilising the advantages of district cooling and central plant systems, whilst offering individual utility billing via either a credit or pre-payment facility. The compact, service-friendly design is fully insulated and ideal for both commercial or residential buildings.</p>		
Weight	23kg		
Hydraulic Connections (With Interception Jig)	G 1"		
Mounting	Wall Hung		
Maximum Pressure	10Bar		

Maximum Supply Temperature	50°C		
Minimum Temperature	5°C		
Electrical Supply	230V		
Cooling Capacity	6kW		
Flow Rate Primary (6/12°C)	870l/h		
Pressure Loss Primary (6/12°C)	45kPa		
Flow Rate Primary (8/14°C)	870l/h		
Pressure Loss Primary (8/14°C)	45kPa		
Exchange Surface	1.15m2		
Pump (Wilo YONOS PARA)	6mca		
Residual Head	49kPa		
Other			
AccessibilityPerformance	N/A		
AssetIdentifier (default)	Please record on commissioning		
AssetType	Fixed		
BarCode (default)	Please record on commissioning		
ClassificationName	Uniclass2015		
ClassificationValue	Pr_75_51_17_78		
CodePerformance	N/A		
Color	Red, White & Black		
Constituents	N/A		
CreatedBy	CH		
CreatedOn	08/02/2021 T10:00:00		
DocumentationCertificates			
DocumentationInstallationGuide			
DocumentationLiterature			
DocumentationMaintenance			
DocumentationTechnical	<a href="https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf">https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf</a>		
DurationUnit			
ExpectedLife			
Features			
Finish	EPP Foam		
Grade			
InstallationDate (default)			
ManufacturerName	Rhico District Heating Systems		
Material	EPP Foam		
ModelNumber			
ModelReference			
ProductionYear	As per serial information		
ReferencedStandard			
SerialNumber (default)	Please record on commissioning		
Shape	Cylindrical		
Size	N/A		
TypeName			
WarrantyDescription			
WarrantyDurationLabor			
WarrantyDurationParts			
WarrantyDurationUnit			
WarrantyGuarantorParts			
WarrantyStartDate (default)	Please record on commissioning		
Identity Data			
Assembly Code	D20		
Cost			
Description	Rhico Products - IC6		
Keynote	S		
Manufacturer	Rhico District Heating Systems		
Model	Rhico Products - IC6		
Type Comments	Rhico Products - IC6		
Type Image			
URL	<a href="https://www.rhico.co.uk/">https://www.rhico.co.uk/</a>		

## IC10 - BIM Properties



Parameter	Value	Formula	Lock
<b>Constraints</b>			
Default Elevation	1200		
Insulation Jacket Visibility	Off/On		
Internal Components Visibility	Off/On		
<b>Materials and Finishes</b>			
Main Component Material	UNI EN 12165 CW617N		
Insulation Cover Material	EPP 0.037 W/m*K		
Plate Heat Exchanger Material	Brazed Stainless Steel		
<b>Mechanical</b>			
Loss Method			
K Coefficient Table			
K Coefficient			
<b>IFC Parameters</b>			
IfcExportAs	N/A		
IfcExportType	N/A		
NominalDepth	226		
NominalHeight	835		
NominalLength	475		
NominalWidth	475		
<b>Model Properties</b>			
Author	CH		
AuthorizedBy	Rhico District Heating Systems		
BSBibleVersion	16		
BimSpecGuid	0		
CreatedBy	Rhico District Heating Systems		
CurrentRevision	1		
DistributedBy	Rhico		
<b>General</b>			
BIMObjectName	Rhico_MechanicalEquipment_IC10		
NBSDescription	Indirect Cooling Interface Unit		
NBSNote			
NBSObjectName	Rhico Products - Indirect Cooling Interface Unit		
NBSOfficeMasterTag	N/A		
NBSReference	N/A		
<b>Data</b>			
Application	Indirect Cooling Interface Unit		
Approval			
EANCode			
GPIDCode			
SpareParts			
General Description	<p>The Rhico IC Indirect Heat Interface Unit is a cooling only module, offering total system separation between the primary and secondary cooling circuit. The IC range of HIU's is an efficient way of utilising the advantages of district cooling and central plant systems, whilst offering individual utility billing via either a credit or pre-payment facility. The compact, service-friendly design is fully insulated and ideal for both commercial or residential buildings.</p>		
Weight	25kg		
Hydraulic Connections (With Interception Jig)	G 1"		
Mounting	Wall Hung		
Maximum Pressure	10Bar		

Maximum Supply Temperature	50°C		
Minimum Temperature	5°C		
Electrical Supply	230V		
Cooling Capacity	10kW		
Flow Rate Primary (6/12°C)	1450l/h		
Pressure Loss Primary (6/12°C)	65kPa		
Flow Rate Primary (8/14°C)	1450l/h		
Pressure Loss Primary (8/14°C)	65kPa		
Exchange Surface	1.76m2		
Pump (Wilo YONOS PARA)	6mca		
Residual Head	34kPa		
Other			
AccessibilityPerformance	N/A		
AssetIdentifier (default)	Please record on commissioning		
AssetType	Fixed		
BarCode (default)	Please record on commissioning		
ClassificationName	Uniclass2015		
ClassificationValue	Pr_75_51_17_78		
CodePerformance	N/A		
Color	Red, White & Black		
Constituents	N/A		
CreatedBy	CH		
CreatedOn	08/02/2021 T10:00:00		
DocumentationCertificates			
DocumentationInstallationGuide			
DocumentationLiterature			
DocumentationMaintenance			
DocumentationTechnical	<a href="https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf">https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf</a>		
DurationUnit			
ExpectedLife			
Features			
Finish	EPP Foam		
Grade			
InstallationDate (default)			
ManufacturerName	Rhico District Heating Systems		
Material	EPP Foam		
ModelNumber			
ModelReference			
ProductionYear	As per serial information		
ReferencedStandard			
SerialNumber (default)	Please record on commissioning		
Shape	Cylindrical		
Size	N/A		
TypeName			
WarrantyDescription			
WarrantyDurationLabor			
WarrantyDurationParts			
WarrantyDurationUnit			
WarrantyGuarantorParts			
WarrantyStartDate (default)	Please record on commissioning		
Identity Data			
Assembly Code	D20		
Cost			
Description	Rhico Products - IC10		
Keynote	S		
Manufacturer	Rhico District Heating Systems		
Model	Rhico Products - IC10		
Type Comments	Rhico Products - IC10		
Type Image			
URL	<a href="https://www.rhico.co.uk/">https://www.rhico.co.uk/</a>		

## IC14 - BIM Properties



Parameter	Value	Formula	Lock
<b>Constraints</b>			
Default Elevation	1200		
Insulation Jacket Visibility	Off/On		
Internal Components Visibility	Off/On		
<b>Materials and Finishes</b>			
Main Component Material	UNI EN 12165 CW617N		
Insulation Cover Material	EPP 0.037 W/m*K		
Plate Heat Exchanger Material	Brazed Stainless Steel		
<b>Mechanical</b>			
Loss Method			
K Coefficient Table			
K Coefficient			
<b>IFC Parameters</b>			
IfcExportAs	N/A		
IfcExportType	N/A		
NominalDepth	226		
NominalHeight	835		
NominalLength	475		
NominalWidth	475		
<b>Model Properties</b>			
Author	CH		
_AuthorizedBy	Rhico District Heating Systems		
_BSBibleVersion	16		
_BimSpecGuid	0		
_CreatedBy	Rhico District Heating Systems		
_CurrentRevision	1		
_DistributedBy	Rhico		
<b>General</b>			
BIMObjectName	Rhico_MechanicalEquipment_IC14		
NBSDescription	Indirect Cooling Interface Unit		
NBSNote			
NBSObjectName	Rhico Products - Indirect Cooling Interface Unit		
NBSOfficeMasterTag	N/A		
NBSReference	N/A		
<b>Data</b>			
Application	Indirect Cooling Interface Unit		
Approval			
EANCode			
GPIDCode			
SpareParts			
General Description	<p>The Rhico IC Indirect Heat Interface Unit is a cooling only module, offering total system separation between the primary and secondary cooling circuit. The IC range of HIU's is an efficient way of utilising the advantages of district cooling and central plant systems, whilst offering individual utility billing via either a credit or pre-payment facility. The compact, service-friendly design is fully insulated and ideal for both commercial or residential buildings.</p>		
Weight	27kg		
Hydraulic Connections (With Interception Jig)	G 1"		
Mounting	Wall Hung		
Maximum Pressure	10Bar		
Maximum Supply Temperature	50°C		

Minimum Temperature	5°C		
Electrical Supply	230V		
Cooling Capacity	14kW		
Flow Rate Primary (6/12°C)	2035l/h		
Pressure Loss Primary (6/12°C)	95kPa		
Flow Rate Primary (8/14°C)	2035l/h		
Pressure Loss Primary (8/14°C)	95kPa		
Exchange Surface	2.39m2		
Pump (Wilo YONOS PARA)	7.5mca		
Residual Head	41kPa		
Other			
AccessibilityPerformance	N/A		
AssetIdentifier (default)	Please record on commissioning		
AssetType	Fixed		
BarCode (default)	Please record on commissioning		
ClassificationName	Uniclass2015		
ClassificationValue	Pr_75_51_17_78		
CodePerformance	N/A		
Color	Red, White & Black		
Constituents	N/A		
CreatedBy	CH		
CreatedOn	08/02/2021 11:00:00		
DocumentationCertificates			
DocumentationInstallationGuide			
DocumentationLiterature			
DocumentationMaintenance			
DocumentationTechnical	<a href="https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf">https://rhico.co.uk/rhico-brochures/Rhico-IC-Series-Brochure.pdf</a>		
DurationUnit			
ExpectedLife			
Features			
Finish	EPP Foam		
Grade			
InstallationDate (default)			
ManufacturerName	Rhico District Heating Systems		
Material	EPP Foam		
ModelNumber			
ModelReference			
ProductionYear	As per serial information		
ReferencedStandard			
SerialNumber (default)	Please record on commissioning		
Shape	Cylindrical		
Size	N/A		
TypeName			
WarrantyDescription			
WarrantyDurationLabor			
WarrantyDurationParts			
WarrantyDurationUnit			
WarrantyGuarantorParts			
WarrantyStartDate (default)	Please record on commissioning		
Identity Data			
Assembly Code	D20		
Cost			
Description	Rhico Products - IC14		
Keynote	S		
Manufacturer	Rhico District Heating Systems		
Model	Rhico Products - IC14		
Type Comments	Rhico Products - IC14		
Type Image			
URL	<a href="https://www.rhico.co.uk/">https://www.rhico.co.uk/</a>		