

# HT30 - 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_HT30		
NBSDescription	Indirect Heat Interface Unit		
NBSNote			
NBSObjectName	Rhico Products - Indirect Heat Interface Unit		
NBSOfficeMasterTag	N/A		
NBSReference	N/A		
<b>Data</b>			
Application	Indirect Heat Interface Unit		
Approval			
EANCode			
GPIIDCode			
SpareParts			
General Description	<p>The Rhico HT Indirect Heat Interface Unit is a heating only module, offering total system separation between the primary and secondary heating circuit. The HT range of HIU's is an efficient way of utilising the advantages of district heating and central plant systems, whilst offering individual utility billing via either a credit or pre-payment facility. The compact, servicefriendly design is fully insulated and ideal for both commercial or residential buildings.</p>		
Weight	24kg		
Hydraulic Connections (With Interception Jig)	G 1"		
Mounting	Wall Hung		
Maximum Pressure	10Bar		
Maximum Supply Temperature	85°C		
Minimum Temperature	5°C		
Electrical Supply	230V		
Cooling Capacity	30kW		

Flow Rate Primary (80/60°C)	1350/h		
Pressure Loss Primary (80/60°C)	60kPa		
Flow Rate Secondary (70/50°C)	1350/h		
Pressure Loss Secondary (70/50°C)	60kPa		
Exchange Surface	0.82m2		
Pump (Wilo YONOS PARA)	6mca		
Residual Head	28kPa		
<b>Other</b>			
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	10/04/2021 T10:00:00		
DocumentationCertificates			
DocumentationInstallationGuide			
DocumentationLiterature			
DocumentationMaintenance			
DocumentationTechnical	<a href="https://rhico.co.uk/rhico-brochures/Rhico-HT-Series-Brochure.pdf">https://rhico.co.uk/rhico-brochures/Rhico-HT-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		
<b>Identity Data</b>			
Assembly Code	D20		
Cost			
Description	Rhico Products - HT30		
Keynote	S		
Manufacturer	Rhico District Heating Systems		
Model	Rhico Products - HT30		
Type Comments	Rhico Products - HT30		
Type Image			
URL	<a href="https://www.rhico.co.uk/">https://www.rhico.co.uk/</a>		

# HT45 - 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_HT45		
NBSDescription	Indirect Heat Interface Unit		
NBSNote			
NBSObjectName	Rhico Products - Indirect Heat Interface Unit		
NBSOfficeMasterTag	N/A		
NBSReference	N/A		
<b>Data</b>			
Application	Indirect Heat Interface Unit		
Approval			
EANCode			
GPIDCode			
SpareParts			
General Description	<p>The Rhico HT Indirect Heat Interface Unit is a heating only module, offering total system separation between the primary and secondary heating circuit. The HT range of HIU's is an efficient way of utilising the advantages of district heating and central plant systems, whilst offering individual utility billing via either a credit or pre-payment facility. The compact, servicefriendly 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	85°C		
Minimum Temperature	5°C		
Electrical Supply	230V		
Cooling Capacity	45kW		
Flow Rate Primary (80/60°C)	1980l/h		

Pressure Loss Primary (80/60°C)	60kPa		
Flow Rate Secondary (70/50°C)	1980l/h		
Pressure Loss Secondary (70/50°C)	60kPa		
Exchange Surface	1.13m2		
Pump (Wilo YONOS PARA)	7.5mca		
Residual Head	27.5kPa		
<b>Other</b>			
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-HT-Series-Brochure.pdf">https://rhico.co.uk/rhico-brochures/Rhico-HT-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		
<b>Identity Data</b>			
Assembly Code	D20		
Cost			
Description	Rhico Products - HT45		
Keynote	S		
Manufacturer	Rhico District Heating Systems		
Model	Rhico Products - HT45		
Type Comments	Rhico Products - HT45		
Type Image			
URL	<a href="https://www.rhico.co.uk/">https://www.rhico.co.uk/</a>		