

## RC CYLINDER

## SINGLE COIL 400I

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet. Full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	384
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	1.72
Standing Loss (W)	71.7
ErP Energy Class	C

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1"
Primary Return Connection (Inch/BSP)	1"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	1"
Outlet Connection (Inch/BSP)	1"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER  
 1 x 1" Integrated inlet control valve (pressure reducing valve 3.5 bar, pressure relief valve 6bar & single check valve)  
 1 x 60 ltr Expansion vessel  
 1 x Factory fitted temperature & pressure relief valve set at 90°C / 10 bar

## CYLINDER DATA:

Primary Coil Rating (kW)	59.7
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	21
Lower Coil Surface Area m <sup>2</sup>	2
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	501
Weight Empty (kg)	105
Insulation Thickness (mm)	100
Height of Cylinder (mm)	1500
Diameter of Cylinder (mm)	872
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	980
Depth (mm)	1180
Height (mm)	1625
Weight (kg)	136

NOTES:

## RC CYLINDER

## SINGLE COIL 500I

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet, full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	482
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	2.14
Standing Loss (W)	89.2
ErP Energy Class	C

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1"
Primary Return Connection (Inch/BSP)	1"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	1"
Outlet Connection (Inch/BSP)	1"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER	
1 x 1" Integrated inlet control valve (pressure reducing valve 3.5 bar, pressure relief valve 6bar & single check valve)	
1 x 60 ltr Expansion vessel	
1 x Factory fitted temperature & pressure relief valve set at 90°C /10 bar	

## CYLINDER DATA:

Primary Coil Rating (kW)	55.8
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	28
Lower Coil Surface Area m <sup>2</sup>	2
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	610
Weight Empty (kg)	110
Insulation Thickness (mm)	100
Height of Cylinder (mm)	1800
Diameter of Cylinder (mm)	872
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	980
Depth (mm)	1180
Height (mm)	1920
Weight (kg)	137

NOTES:

## RC CYLINDER

## SINGLE COIL 800I

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet; full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	776
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	2.74
Standing Loss (W)	114.2
ErP Energy Class	N/A

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1 1/4"
Primary Return Connection (Inch/BSP)	1 1/4"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	1 1/2"
Outlet Connection (Inch/BSP)	1 1/2"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER  
 1 x 1 1/4" (1.5 - 6 bar) Pressure reducing valve  
 1 x 1 1/4" (8 bar) Pressure relief valve  
 1 x 1 1/4" Single check valve  
 1 x 100 ltr floor mounted expansion vessel  
 1 x Factory fitted temperature & pressure relief valve (90oC / 10 bar)

## CYLINDER DATA:

Primary Coil Rating (kW)	76.9
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	32
Lower Coil Surface Area m <sup>2</sup>	3
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	964
Weight Empty (kg)	164
Insulation Thickness (mm)	100
Height of Cylinder (mm)	1906
Diameter of Cylinder (mm)	1024
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	1120
Depth (mm)	1220
Height (mm)	2025
Weight (kg)	202

NOTES:

## RC CYLINDER

## SINGLE COIL 1000l

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet, full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	961
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	3.33
Standing Loss (W)	138.8
ErP Energy Class	N/A

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1 1/4"
Primary Return Connection (Inch/BSP)	1 1/4"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	1 1/2"
Outlet Connection (Inch/BSP)	1 1/2"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER  
 1 x 1 1/4" (1.5 - 6 bar) Pressure reducing valve  
 1 x 1 1/4" (8 bar) Pressure relief valve  
 1 x 1 1/4" Single check valve  
 1 x 150 ltr floor mounted expansion vessel  
 1 x Factory fitted temperature & pressure relief valve (90oC / 10 bar)

## CYLINDER DATA:

Primary Coil Rating (kW)	76.5
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	39
Lower Coil Surface Area m <sup>2</sup>	3
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	1188
Weight Empty (kg)	188
Insulation Thickness (mm)	100
Height of Cylinder (mm)	2301
Diameter of Cylinder (mm)	1024
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	1160
Depth (mm)	1250
Height (mm)	2450
Weight (kg)	258

NOTES:

## RC CYLINDER

## SINGLE COIL 1250I

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet, full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	1206
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	3.6
Standing Loss (W)	150.0
ErP Energy Class	N/A

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1 1/2"
Primary Return Connection (Inch/BSP)	1 1/2"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	1 1/2"
Outlet Connection (Inch/BSP)	1 1/2"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER	
1 x 1 1/2" (1.5 - 6 bar) Pressure reducing valve	
1 x 1 1/4" (8 bar) Pressure relief valve	
1 x 1 1/2" Single check valve	
1 x 150 ltr floor mounted expansion vessel	
1 x Factory fitted temperature & pressure relief valve (90oC / 10 bar)	

## CYLINDER DATA:

Primary Coil Rating (kW)	97.9
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	40
Lower Coil Surface Area m <sup>2</sup>	5
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	1569
Weight Empty (kg)	319
Insulation Thickness (mm)	100
Height of Cylinder (mm)	1937
Diameter of Cylinder (mm)	1224
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	1300
Depth (mm)	1310
Height (mm)	2110
Weight (kg)	361

NOTES:

## RC CYLINDER

## SINGLE COIL 1450I

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet, full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	1399
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	4.17
Standing Loss (W)	173.8
ErP Energy Class	N/A

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1 1/2"
Primary Return Connection (Inch/BSP)	1 1/2"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	1 1/2"
Outlet Connection (Inch/BSP)	1 1/2"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER  
 1 x 1 1/2" (1.5 - 6 bar) Pressure reducing valve  
 1 x 1 1/4" (8 bar) Pressure relief valve  
 1 x 1 1/2" Single check valve  
 1 x 200 ltr floor mounted expansion vessel  
 1 x Factory fitted temperature & pressure relief valve (90oC / 10 bar)

## CYLINDER DATA:

Primary Coil Rating (kW)	91.7
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	50
Lower Coil Surface Area m <sup>2</sup>	5
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	1872
Weight Empty (kg)	322
Insulation Thickness (mm)	100
Height of Cylinder (mm)	2253
Diameter of Cylinder (mm)	1224
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	1360
Depth (mm)	1470
Height (mm)	2420
Weight (kg)	458

NOTES:

## RC CYLINDER

## SINGLE COIL 2000I

 TECHNICAL  
 SPECIFICATION  
 SHEET

APRIL 2020

This is a quick reference specification sheet, full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	1930
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	4.3
Standing Loss (W)	179.2
ErP Energy Class	N/A

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1 1/2"
Primary Return Connection (Inch/BSP)	1 1/2"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	2"
Outlet Connection (Inch/BSP)	2"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER	
1 x 2" (1.5 - 6 bar) Pressure reducing valve	
1 x 1 1/2" (8 bar) Pressure relief valve	
1 x 2" Single check valve	
1 x 300 ltr floor mounted expansion vessel	
1 x Factory fitted temperature & pressure relief valve (90°C / 10 bar)	

## CYLINDER DATA:

Primary Coil Rating (kW)	132.2
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	48
Lower Coil Surface Area m <sup>2</sup>	7.5
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	2445
Weight Empty (kg)	445
Insulation Thickness (mm)	100
Height of Cylinder (mm)	2011
Diameter of Cylinder (mm)	1476
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	1600
Depth (mm)	1700
Height (mm)	2190
Weight (kg)	497

NOTES:

## RC CYLINDER

## SINGLE COIL 2500l

 TECHNICAL  
SPECIFICATION  
SHEET

APRIL 2020

This is a quick reference specification sheet. Full details can be found in the installation/service guide via [remeha.co.uk/documents](http://remeha.co.uk/documents).

## MODEL:

Storage Volume (litres)	2482
Max Working/Pressure (bar)	6

## ErP DATA:

Standing Loss (kWh)/24h	4.5
Standing Loss (W)	187.5
ErP Energy Class	N/A

## CONNECTIONS:

Primary Flow Connection (Inch/BSP)	1 1/2"
Primary Return Connection (Inch/BSP)	1 1/2"
Secondary Return (Inch/BSP)	1"
Inlet Connection (Inch/BSP)	2"
Outlet Connection (Inch/BSP)	2"
Drain Connection (Inch/BSP)	1"

## UNVENTED KIT:

UNVENTED KIT SUPPLIED WITH CYLINDER  
 1 x 2" (1.5 - 6 bar) Pressure reducing valve  
 1 x 1 1/2" (8 bar) Pressure relief valve  
 1 x 2" Single check valve  
 1 x 300 ltr floor mounted expansion vessel  
 1 x Factory fitted temperature & pressure relief valve (90°C / 10 bar)

## CYLINDER DATA:

Primary Coil Rating (kW)	126.4
Primary Coil Rate (litre/min)	60
Heat Up Time (Mins)	62
Lower Coil Surface Area m <sup>2</sup>	7.5
Upper Coil Surface Area m <sup>2</sup>	N/A
Maximum Pressure in Coil (bar)	3

## MODEL DIMENSIONS:

Weight Full (kg)	2950
Weight Empty (kg)	450
Insulation Thickness (mm)	100
Height of Cylinder (mm)	2416
Diameter of Cylinder (mm)	1476
Service Clearance:	
Front (mm)	250
Sides (mm)	250
Above (mm)	300
Shipping:	
Width (mm)	1600
Depth (mm)	1700
Height (mm)	2500
Weight (kg)	497

NOTES: