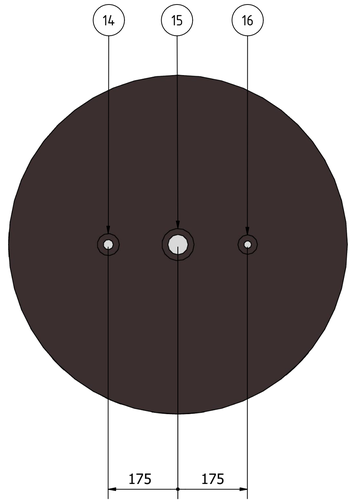
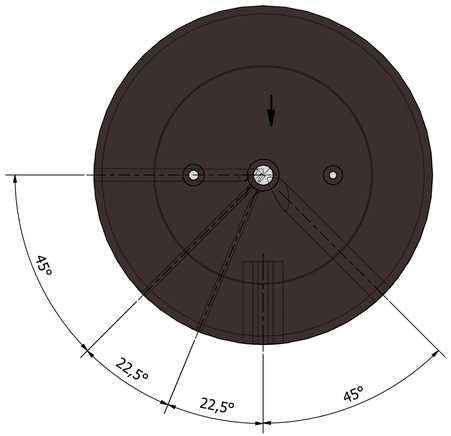
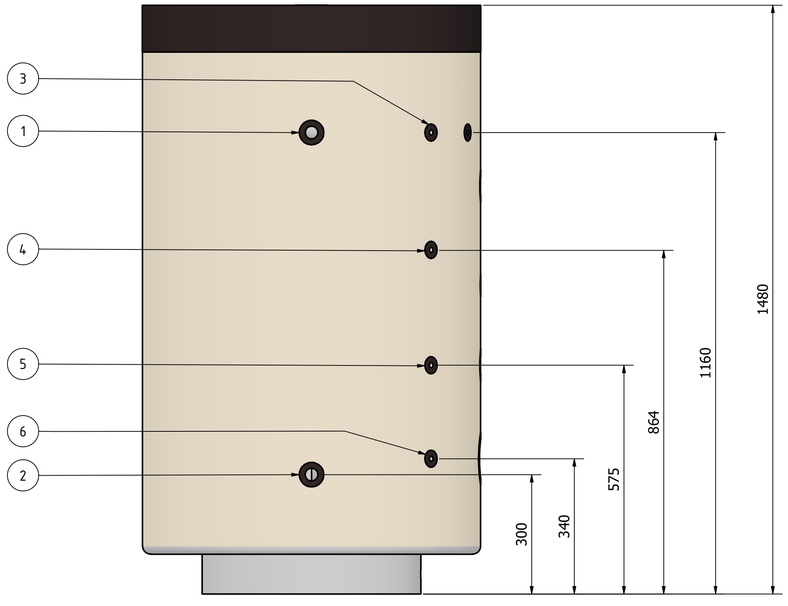
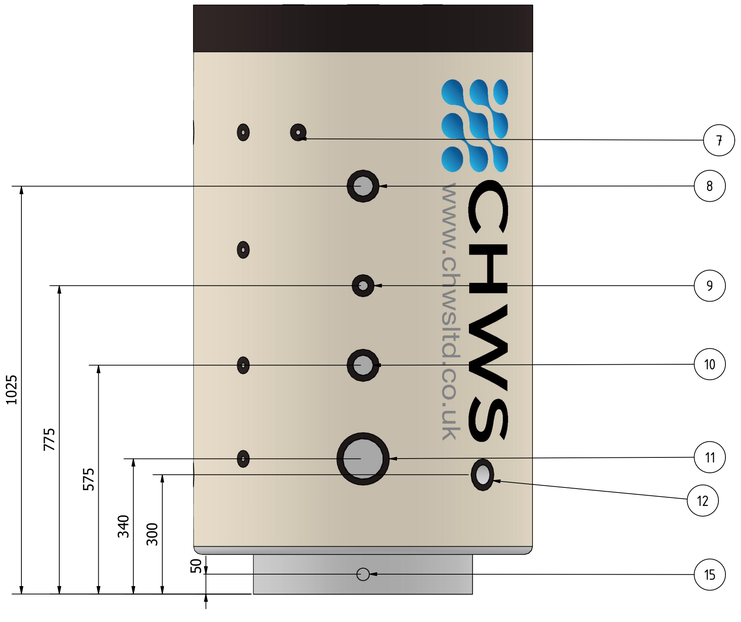










Cylinder Connections Key		
Number	Size	Description
1	1, ¼" (Female)	ProRapid Flow Connection Point
2	1, ¼" (Female)	ProRapid Return Connection Point
3	½" BSP (Female)	Sensor Pocket for ProRapid Sensor 1
4	½" BSP (Female)	Sensor Pocket (Spare/BMS/Other...)
5	½" BSP (Female)	Sensor Pocket (Spare/BMS/Other...)
6	½" BSP (Female)	Sensor Pocket for ProRapid Sensor 2
7	½" BSP (Female)	Connection for ProRapid High Limit Thermostat
8	2" BSP (Female)	Connection for (Optional) Immersion Heater
9	1" BSP (Female)	(Optional Location) Connection for Hot Water Services (HWS) Secondary Return Pipe
10	2" BSP (Female)	Connection for (Optional) Immersion Heater
11	4" BSP (Female)	Maintenance Inspection point
12	2" BSP (Female)	Connection for Cold Water Services (CWS/BCWS) Inlet Pipe
13	1" BSP (Female)	Drain Point
14	1" BSP (Female)	Connection for Automatic Air Vent or other Ancillary connection (not supplied)
15	2 1/2" BSP (Female)	Connection for Hot Water Services (HWS) Outlet Pipe
16	1" BSP (Female)	Temperature and Pressure Relief Valve (T&P) (Supplied)

CHWS
www.chwsltd.co.uk

Commercial Hot Water Solutions Ltd.
71 -72 Gazelle Road
Weston Industrial Estate
Weston-super-Mare
Somerset
BS24 9ES
01934 244770

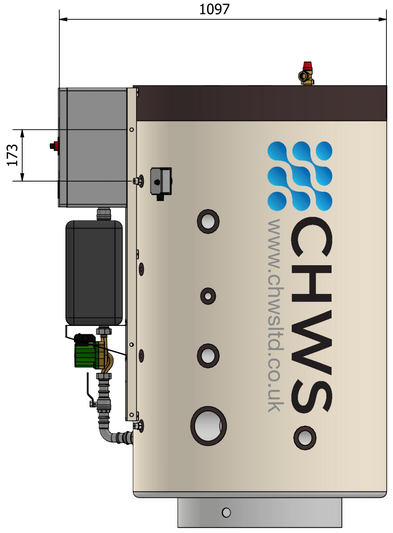
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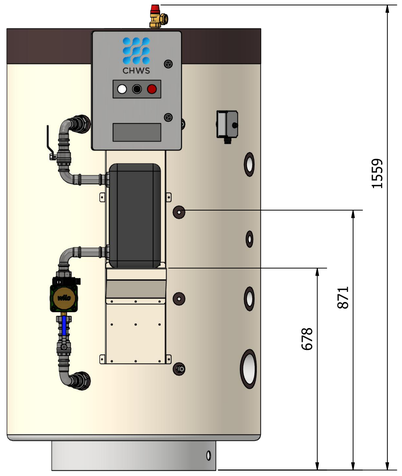
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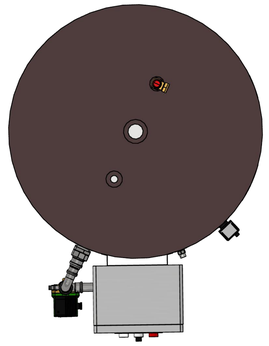
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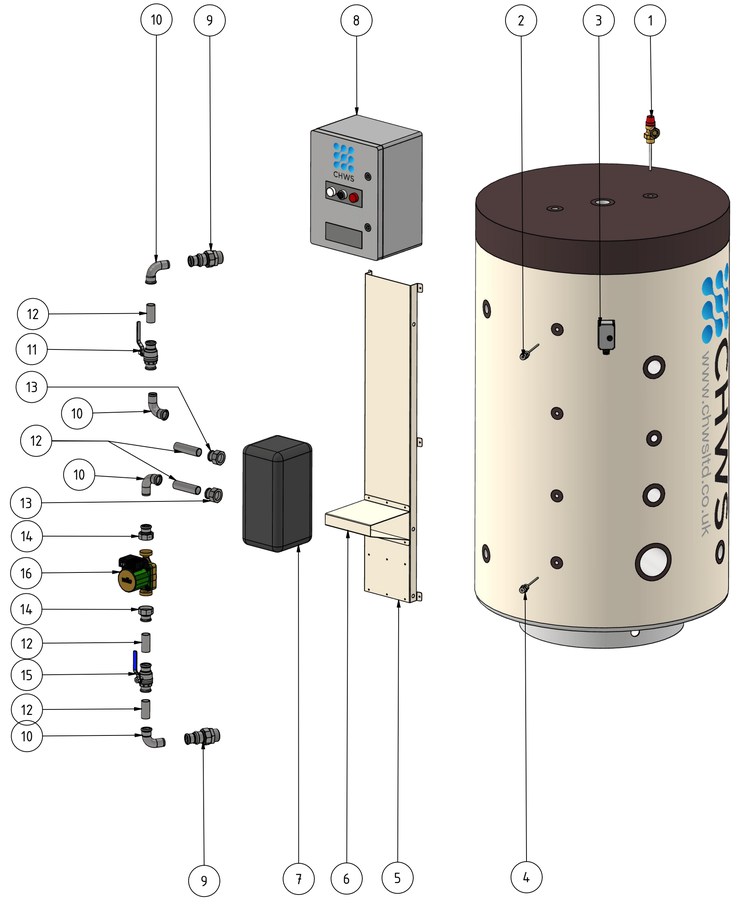
DRAWING NUMBER CHWS/XMF/400/A | A3

DRAWN	GP	DATE	05.08.2026	SCALE	1 / 7.5
CHECKED	PR	APPROX PRODUCT WEIGHT	99 kg		









Cylinder Connections Key		
Number	Size	Description
1	1" BSP Male inlet 22mm Outlet	Combined Temperature & Pressure Relief Valve (T&P)
2	½" BSP Male	Temperature Sensor Pocket for Sensor 1
3	½" BSP Male	High Limit Thermostat
4	½" BSP Male	Temperature Sensor Pocket for Sensor 1
5	N/A	ProRapid Support Bracket
6	N/A	ProRapid Heat Exchanger Shelf
7	1" or 1,1/4" connections	ProRapid Heat Exchanger (Models can Vary)
8	(W) 300mm (D) 220mm (H) 400mm	ProRapid FW14 Control Panel
9	1,1/4" x 35mm	Male BSP x Pressfit union
10	28mm	Street Bend (M+F)
11	28mm	Pressfit Isolation Valve (Red Handle)
12	28mm	Copper Pipe
13	28mm x 1" or 28mm x 1,1/4"	Pressfit Union (size depends on plate heat exchanger model)
14	28mm x 1,1/4"	Pressfit Pump Union
15	28mm	Pressfit Isolation Valve (Blue Handle)
16	1,1/4"	Wilo Star Z 20/7 – 3 Bronze Pump (150mm Face to Face)
Note: All Pressfit fittings are "M" Profile		

CHWS
www.chwsltd.co.uk

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DO NOT SCALE DRAWING | REVISION A

TITLE: CHWS 400L ProRapid

DRAWING NUMBER: CHWS/PRORAPID/400/FW14/A | A3

DRAWN	GP	DATE	05.08.2026	SCALE	1 : 10
CHECKED	PR	APPROX PRODUCT WEIGHT	110 kg		