

# TECHNICAL PRODUCT SUBMITTAL

## EcoCharger ECH33-370GCE



Nominal Input (net)	kW	30.5
Nominal Input (gross)	kW	33.9
Gas Flow Rate (natural gas)	m3/hr	3.2
Nominal Output	kW	33.3
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (Part L2 Gross CV)	%	98
Maintenance consumption value	MJ/M	515.1
Maintenance consumption value	kW/24Hr	4.7
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		A
Water Heater efficiency	%	91
<b>GENERAL DATA</b>		
NOx emission @0% O2	mg/kWh	32
Recovery Rate @ 44°C	l/hr	640
Recovery Rate @ 50°C	l/hr	570
Recovery Rate @ 56°C	l/hr	510
Dimensions (height )	mm	1925
Dimensions (diameter)	mm	705
Storage Capacity	litres	374
Weight (empty)	kg	214
Weight (full)	kg	588
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	BSP	R1½
Cold Feed Connection (inches)	BSP	R1½
Gas Connection (inches)	BSP	R¾
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	45
Sound Power Level	LWA(db)	47
Maximum Flue Gas Temperature	°C	50
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8.0

**EcoCharger water heaters** must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

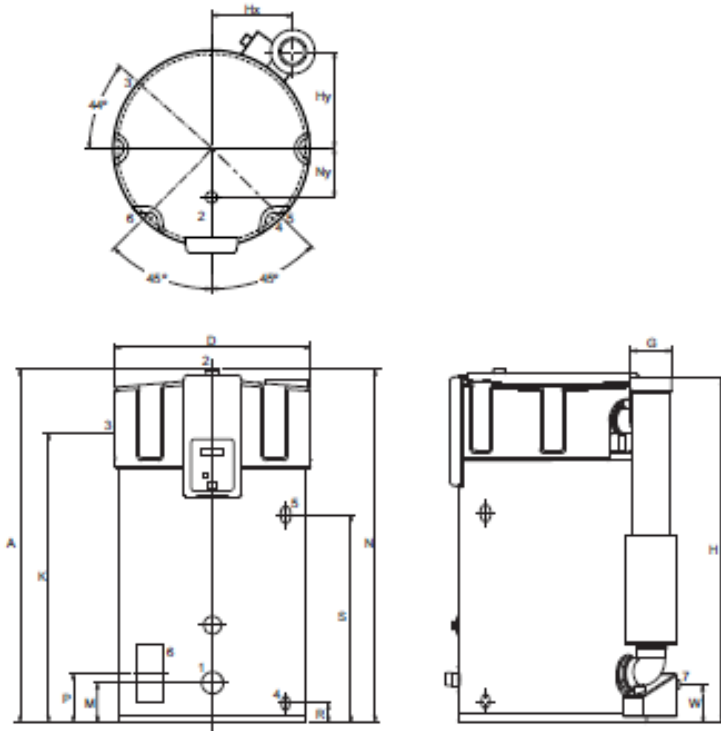
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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## EcoCharger ECH33-370GCE



Water Heater Model				
Item No	ECH32-220GCE	ECH33-370GCE	ECH52-370GCE	ECH63-370GCE
A	1390	1925	1925	1925
*C	N/A	N/A	N/A	N/A
D	705	705	705	705
*E	N/A	N/A	N/A	N/A
*F	N/A	N/A	N/A	N/A
G	100/150	100/150	100/150	100/150
H	1365	1890	1890	1890
HX	265	265	265	265
HY	375	375	375	375
K	1285	1815	1815	1815
M	170	160	160	160
N	1390	1925	1925	1925
NY	205	205	205	205
P	170	175	175	175
R	85	75	75	75
S	900	1410	1410	1410
W	150	150	150	150

Item No	Description		ECH32-220GCE	ECH33-370GCE	ECH52-370GCE	ECH63-370GCE
1	Cold Water Inlet Connection (male)	Inch	R 1½	R 1½	R 1½	R 1½
2	Warm Water Outlet Connection (male)	Inch	R 1½	R 1½	R 1½	R 1½
3	Gas Connection (male)	Inch	R ¾"	R ¾"	R ¾"	R ¾"
4	Drain Valve Connection (female)	Inch	1"	1"	1"	1"
5	T&P-valve Connection (female)	Inch	1" - 11.5 NPT	1" - 11.5 NPT	1" - 11.5 NPT	1" - 11.5 NPT
6	Cleaning / Inspection Opening	mm	95 x 70	95 x 70	95 x 70	95 x 70
7	Condens Drain Connection	mm	40	40	40	40