

TECHNICAL PRODUCT SUBMITTAL

EcoCharger ECH32-220GCE



Nominal Input (net)	kW	29.4
Nominal Input (gross)	kW	32.7
Gas Flow Rate (natural gas)	m3/hr	3.1
Nominal Output	kW	31.5
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	96
Maintenance consumption value	MJ/M	459.9
Maintenance consumption value	kW/24Hr	4.2
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		A
Water Heater efficiency	%	91
GENERAL DATA		
NOx emission @0% O2	mg/kWh	24
Recovery Rate @ 44°C	l/hr	610
Recovery Rate @ 50°C	l/hr	540
Recovery Rate @ 56°C	l/hr	480
Dimensions (height)	mm	1390
Dimensions (diameter)	mm	705
Storage Capacity	litres	220
Weight (empty)	kg	177
Weight (full)	kg	397
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)	46
Maximum Flue Gas Temperature	°C	45
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

Particular attention should be made to:-

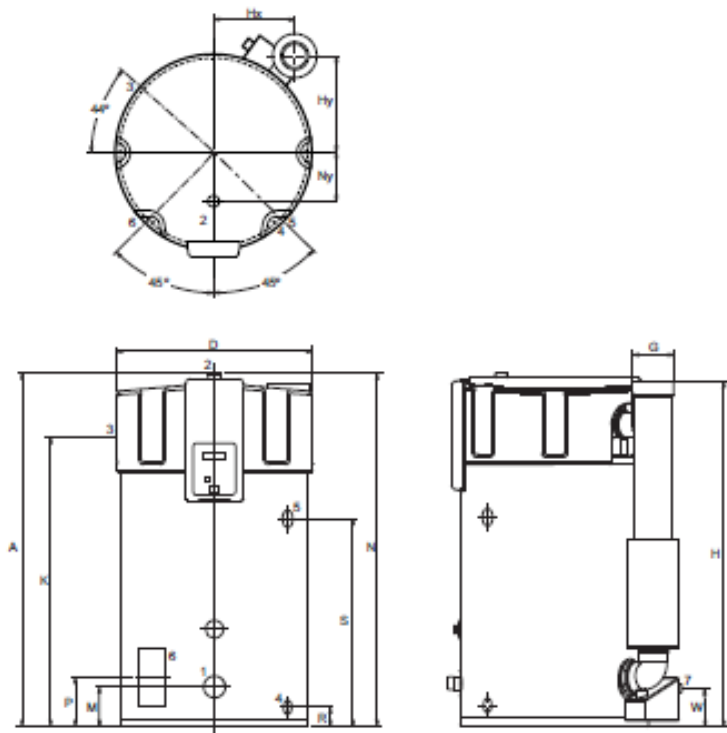
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

ErP and Warranty

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at www.lochinvar.ltd.uk

TECHNICAL PRODUCT SUBMITTAL

EcoCharger ECH32-220GCE



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