



The all new
SYNERGY

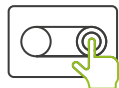
We've **changed everything** but our name



High performance



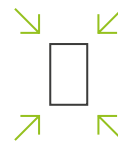
Stainless steel heat exchanger



New digital touchpad interface



7 years warranty as standard



Compact design



Easy installation and maintenance

Technical Data

SPECIFICATIONS	SYNERGY 25C	SYNERGY 30C	SYNERGY 35C	SYNERGY 20S	SYNERGY 25S	SYNERGY 32S
PRODUCT ORDER CODE	20207896	20207897	20207898	20207900	20207901	20207902
CENTRAL HEATING						
HEAT INPUT (kW)	20.0	25.0	30.0	20.0	25.0	30.0
MAXIMUM HEAT OUTPUT 80/60°C (kW)	19.5	24.4	29.3	19.5	24.4	29.3
MINIMUM HEAT OUTPUT 80/60°C (kW)	2.3	2.9	3.4	2.3	2.9	3.4
MAXIMUM HEAT OUTPUT 50/30°C (kW)	21.3	26.5	31.8	21.3	26.5	31.8
MINIMUM HEAT OUTPUT 50/30°C (kW)	2.6	3.2	3.7	2.6	3.2	3.7
MAXIMUM PRESSURE / TEMPERTAURE (BAR / °C)	3 / 90					
MAXIMUM PUMP HEAD - FLOW RATE 1000 L/H (MBAR)	400					
EXPANSION VESSEL CAPACITY (L)	9					
DOMESTIC HOT WATER						
HEAT INPUT (kW)	25.0	30.0	34.9	-	-	-
MIN HEAT INPUT (kW)	2.5	3.0	3.5	-	-	-
FLOW RATE - 35° C RISE (L/MIN)	10.2	12.3	14.3	-	-	-
MINIMUM FLOW RATE (L/MIN)	2.0	2.0	2.0	-	-	-
MAXIMUM PRESSURE (BAR)	8	8	8	-	-	-
MINIMUM PRESSURE (BAR)	0.5	0.5	0.5	-	-	-
DIMENSIONS						
HEIGHT X WIDTH X DEPTH (MM)	740 X 420 X 275					
WEIGHT						
DRY WEIGHT (KG)	29	30	30	28	28	29
CONNECTIONS						
FLOW & RETURN	22MM					
GAS	15MM					
DHW INLET & OUTLET	15MM			-	-	-
SAFETY VALVE / CONDENSATE	21MM					
ELECTRICAL						
VOLTAGE (V/Hz)	230/50					
DEGREE OF PROTECTION	IPX5D					
AUXILIARY ELECTRICITY CONSUMPTION - FULL LOAD (W)	30.0	31.1	44.3	30.0	31.1	44.3
AUXILIARY ELECTRICITY CONSUMPTION - PART LOAD (W)	12.2	13.3	13.6	12.2	13.3	13.6
AUXILIARY ELECTRICITY CONSUMPTION - STANDBY (W)	3.7	3.7	3.7	3.7	3.7	3.7
FLUE DETAILS (CONCENTRIC)						
MAXIMUM HORIZONTAL FLUE LENGTH 60/100MM	10M	8M	8M	10M	8M	8M
MAXIMUM VERTICAL FLUE LENGTH 60/100MM	TBA	TBA	TBA	TBA	TBA	TBA
MAXIMUM HORIZONTAL FLUE LENGTH 80/125MM	25M	20M	20M	25M	20M	20M
MAXIMUM VERTICAL FLUE LENGTH 80/125MM	TBA	TBA	TBA	TBA	TBA	TBA
FLUE DETAILS (TWIN)						
MAX HORIZONTAL / VERTICAL FLUE LENGTH (80MM/80MM)	69M/69M	36M/36M	36M/36M	69M/69M	36M/36M	36M/36M
EFFICIENCY						
ErP SEASONAL SPACE HEATING ENERGY EFFICIENCY (CLASS/%)	A/94	A/94	A/94	A/94	A/94	A/94
ErP WATER HEATING EFFICIENCY (XL PROFILE) (CLASS/%)	A/85	A/85	A/87	-	-	-
SAP 2009/2012 EFFICIENCY (%)	89.4	89.4	89.9	90.3	90.2	90.2
NO _x CLASS	6	6	6	6	6	6
OTHER						
SOUND POWER LEVELS - INDOORS (dB)	48	45	47	48	45	47