ELECTRICAL & RENEWABLES AT CITY PLUMBING

Heat pump Manufacturer	Worcester Bosch
Heat pump Model number	7738602283
Heat pump type	Monobloc
Heat pump model name	CS2000AWF 16 R-S

Capacity information:

Flow temp \/

Ext temp \/	35°C	45°C	55°C
-10°C	12.7	11.1	8.92
-7°C	13.9	13.1	12.6
-2°C	14.52	14.06	13.09
2°C	15.02	14.82	13.48
7°C	16.8	16.6	16.2

Further information:

Dimensions

Height	864mm
Width	1385mm
Depth	445mm
Weight (Net)	129kg

Efficiency

MCS Listed SCOP @	35°C flow	4.49
	40°C flow	4.18
	45°C flow	3.88
	50°C flow	3.59
	55°C flow	3.30

MCS Certificate number(s)

041-K044-03 c

Hydronics

Minimum water content of system	70 Litres
Nominal flow-rate	45.7 l/min
Available head of pump at nominal flow	39 kPa
Connection size	1 1/4" Male
Typical primary pipework size*	28mm
Integral expansion vessel capacity	8 Litres

Max sound power level 68dB(A)

Flow temperature	PCDB index number
35°C	107291
45°C	107290
55°C	107289

Coastal location restriction

Do not install within 500m from sea

Refrigerant

Type	R32
Quantity	1.75kg

ENA Info

Connect and notify/apply to connect	Connect & Notify
ENA database reference	HP_3443

Electrical

Breaker needed	35A Type B RCBO
Min isolator rating	35A

Acceptable antifreeze arrangement

Glycol or antifreeze valves

Warranty

2 year standard, 5 year with training and 7 upon application

*subject to full hydronic design