

# Compress 7400iAW and AWE wall hung indoor unit

## Technical information

Suitable for renovation projects (building dependent) and new build, our Compress 7400iAW outdoor unit monobloc design houses all refrigeration circuit components, including the inverter, filter and circuit boards, keeping maintenance low.

### Features and benefits

- ▶ Quiet operation
- ▶ Inverter-driven compressor
- ▶ Integrated drain pan
- ▶ Coastal protection as standard
- ▶ Compatible with external cylinders
- ▶ Electric booster heater as standard
- ▶ Large high resolution display



Product name (outdoor unit)	Compress 7400i AW 5kW	Compress 7400i AW 7kW
Part number (outdoor unit)	7 738 602 075	7 738 602 076
Product name (indoor unit)	AWE 5-9kW	AWE 5-9kW
Part number (indoor unit)	7 738 602 107	7 738 602 107
ErP Data		
Regulation year	2020	2020
Regulation code	811/2013	811/2013
Energy efficiency class (35°C)	A+++	A+++
Energy efficiency class (55°C)	A++	A++
Water heating efficiency class	N/A	N/A
Water heating declared load profile	N/A	N/A
Heating power at A2/W35*	5.48	7.29
Coefficient of performance (COP) at +7/W35*	5.01	5.01
Sound pressure level at a distance of 1m dB(A)	42	42
Sound power levels outdoors dB(A)**	50	50
Maximum temperature of flow (heat pump only)	62°C	62°C

\*Performance data in accordance with EN 14511.

\*\*Sound level in accordance with EN 12102.

### Accessories

50 litre buffer tank	Acoustic hood	Green Storage WB Range Heat Pump cylinder
		

### Controls

CR10H Room controller


# Technical Specifications

Product	Compress 7400i AW 5kW	Compress 7400i AW 7kW
Heating power at A-7/W35*	5.0	6.8
Seasonal space heating energy efficiency nS% (35°C)	196%	198%
Seasonal space heating energy efficiency nS% (55°C)	133%	140%
Seasonal space heating energy efficiency nS% (55°C) with supplied temperature	135%	142%
Seasonal coefficient of performance (SCOP) (35°C)	4.99	5.02
Seasonal coefficient of performance (SCOP) (55°C)	3.41	3.58
Seasonal coefficient of performance (SCOP) (55°C) with supplied temperature	3.46	3.63
Fuse rating for supplying the heat pump directly via the building connection**	16	16
Seasonal water heating energy efficiency nwh% (average climate)	N/A	N/A
Dimensions (WxHxD mm) - outdoor unit	930x1380x600	940x1380x600
Weight (kg) - outdoor unit (without walls and top cover)	89	96
Weight (kg) - outdoor unit (with walls and top cover)	113	120
Dimensions (WxHxD mm) - indoor unit	495x700x386	495x700x386
Weight (kg) - indoor unit	32	32
Expansion vessel (heating) - capacity (l)	8	8
Combination indoor unit	No	No
Integral stainless steel tank capacity (l)	N/A	N/A
Standby heatloss (kWh/24h)	N/A	N/A
Working outdoor temperature range (heating)	-20/35°C	-20/35°C
Compressor type	Twin rotary compressor	Twin rotary compressor
Power supply - outdoor unit	230V 1N AC 50Hz	230V 1N AC 50Hz
Electric booster heater (standard)	Yes	Yes
Pump type PCO	Grundfos UPM2K 25-75 PWM	Grundfos UPM2K 25-75 PWM
Clearances of outdoor unit (front/side/back mm)	2000/2000/400†	2000/2000/400†
Clearances of outdoor unit - with acoustic hood (front/side/back mm)	2000/2000/700†	2000/2000/700†
Ingress protection rating - indoor unit	IPX1	IPX1
Ingress protection rating - outdoor unit	IPX4	IPX4
Temperature controller (weather compensation supplied)	Yes	Yes
Refrigerant type	R410A	R410A
Refrigerant charge (kg)	1.75	2.35

\*Performance data in accordance with EN 14511.

\*\*Fuse class gL/C.

†Clearance can be reduced on one side. This may lead to a higher noise level.

To find out more visit [worcester-bosch.co.uk/heatpumps](http://worcester-bosch.co.uk/heatpumps)