

Piping Connections

Water Connection out - 1"
Water Connection in - 1"

Piping Limitations

Max Pipe Length - Refer to
installation manual

Monobloc Overview

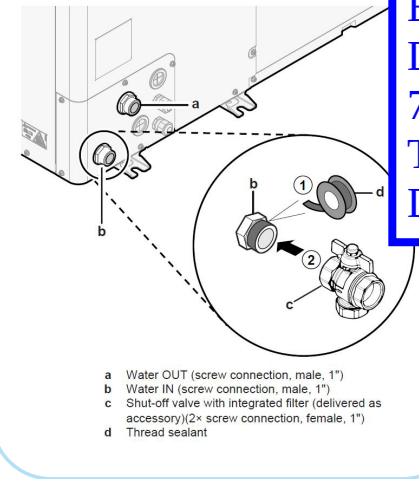


For 4 - 8kw Monobloc	
If operation is....	Then the minimum required flow rate is....
Cooling	10 l/min
Heating	6 l/min
BUH operation	12 l/min
Heating defrost	12 l/min
DHW	25 l/min

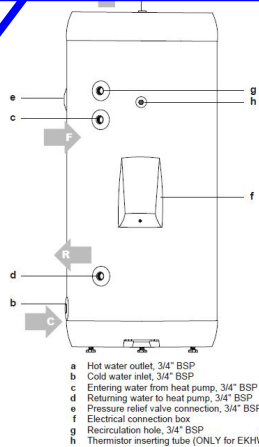
For 9 - 16kw Monobloc	
If operation is....	Then the minimum required flow rate is....
Cooling	20 l/min
Heating/defrost when outdoor temperature is above -5° C	
Heating/defrost when outdoor temperature is below -5° C	22 l/min
Domestic hot water production	28 l/min

LEGEND:		
OU	Outdoor Unit	EDLA04-16E/DV
HWT	Hot Water Tank	EKHWS(U)XXXDV3
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CWS	Water Inlet Safety Group	field supply , according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	Ordered separately for monobloc units
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
AFV	Anti Freeze Valve	ordered separately
3MV	3 Port Motorized Valve	delivered with Daikin HWT

EDLA06EV3
DIMENSION OF INDOOR UNIT:
770(H) X 1250(W) X 362(D)
TO BE INSTALLED INSIDE
DWELLINGS



a Water OUT (screw connection, male, 1")
b Water IN (screw connection, male, 1")
c Shut-off valve with integrated filter (delivered as accessory)(2x screw connection, female, 1")
d Thread sealant

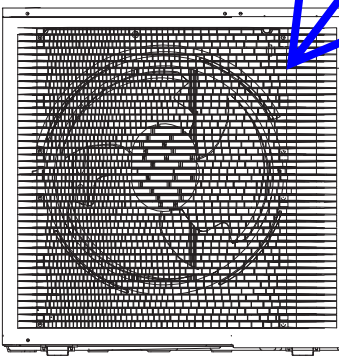
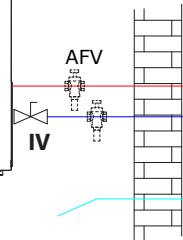


a Hot water outlet, 3/4" BSP
b Cold water inlet, 3/4" BSP
c Entering water from heat pump, 3/4" BSP
d Returning water to heat pump, 3/4" BSP
e Pressure relief valve connection, 3/4" BSP
f Electrical connection box
g Recirculation hole, 3/4" BSP
h Thermistor inserting tube (ONLY for EKHWS2007)

3 Way
Valve
Demo



3MV



AFV

IV



CWS



FK

STR

BPV

MV

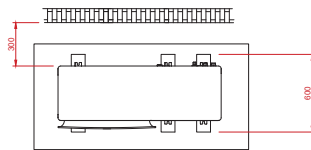
RAD

UK.PPC180/R32SS
DIMENSION OF CYLINDER:
1545(H) X 550(D)
OR
UK.PPC210/R32SS
DIMENSION OF CYLINDER:
1735(H) X 550(D)

Outdoor Mounting

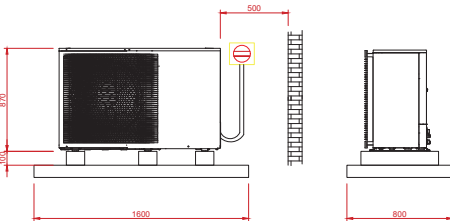
Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.



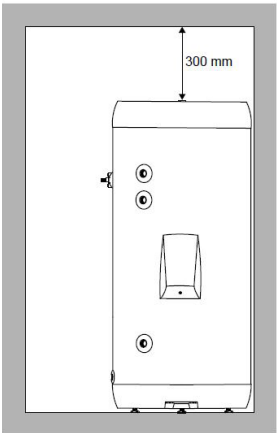
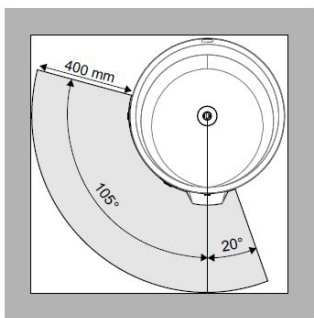
Floor Standing:

The unit should be installed on 3 rubber mounts/flexi feet (supplied via Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals



Indoor Mounting

There is a condensate pipe pre fitted which needs to be drained appropriately.

Note: indoor unit dimensions are as follows;
200L Tank - 600 x 600 x 1305mm
300L Tank - 600 x 600 x 1785mm