

SHARP

DUCTLESS BI-BLOCK
WALL UNIT



ECOLOGICALLY RESPONSIBLE WITH UNRIValed PERFORMANCE

15 000 BTU/H

18 000 BTU/H



Refrigerant R32 | Environmentally friendly



WWW.SHARPHVAC.CA

*Plasmacluster is a registered trademark
or trademark of SHARP Corporation.

Models Number	AY-XP15ZU1-B AHRI: 216625965	AY-XPC18BU-B AHRI: 216625964		
Air conditioning Capacity (Btu/h)	15 000	18 000		
Air conditioning Capacity Min - Max (Btu/h)	5 000 - 17 000	6 000 - 21 600		
Heating Capacity (Btu/h)	18 000	21 600		
Heating Capacity Min - Max (Btu/h)	4 500 - 21 800	5 500 - 25 600		
Maximum heating @ -8,3 °C (17 °F) (Btu/h)	18 100	22 000		
Maximum heating @ -15 °C (5 °F) (Btu/h)	15 300	18 000		
Maximum heating @ -20 °C (-4 °F) (Btu/h)	13 200	15 000		
Maximum heating @ -25 °C (-13 °F) (Btu/h)	11 100	12 000		
Maximum heating @ -27 °C (-17 °F) (Btu/h)	10 100	11 500		
EER / EER ²	14 / 13.4	13 / 13		
SEER / SEER ²	24 / 24	24 / 24		
HSPF (IV) / HSPF ² (IV)	11.8 / 11 - 9.5 / 8.7	13 / 11 - 10 / 9		
V, Hz, Phase	208-230/60/1	208-230/60/1		
Maximum Fuse Size (A)	20	25		
Dehumidification Pt/h	3.2	5.1		
Air conditioning: Sound level (dB)	46 / 42 / 38 / 30 / 26	45 / 43 / 40 / 31 / 28		
Air conditioning: Sound level (dB unit ext.)	49	52		
Heating: Sound level (dB)	46 / 42 / 36 / 30 / 23	49 / 47 / 41 / 31 / 25		
Heating: Sound level (dB unit ext.)	50	52		
Air cond.: Air flow (ft ³ /min Sh/H/M/B/Sb)	636 / 558 / 441 / 328 / 251	636 / 597 / 480 / 328 / 251		
Heating: Air flow (ft ³ /min Sh/H/M/B/Sb)	674 / 597 / 505 / 413 / 251	752 / 713 / 558 / 403 / 290		
Operating range of exterior temperature: Air cond.	14 à 115°F (-10 à 46°C)	14 à 115°F (-10 à 46°C)		
Operating range of exterior temperature: Heating	-17 à 75°F (-27 à 24°C)	-17 à 75°F (-27 à 24°C)		
Pipe Diameter (Liq x Gas) (in.)	1/4 x 3/8	1/4 x 3/8		
Refrigerant	R32	R32		
Combined Max. length ft. (m)	66 (20) (pré-chargé: 25*)	66 (20) (pré-chargé: 25*)		
Max. height ft. (m)	33 (10)	33 (10)		
Pipe Diameter (in.)	Gas 3/8	Liquide 1/4	Gas 3/8	Liquide 1/4
Total weight lb (kg)	31 (14)	67 (30)	31 (14)	95 (43)
Dimensions: Width in.	41-27/64	30-23/32	41-27/64	33-15/32
Dimensions: Height in.	12-7/16	21-1/4	12-7/16	27-15/16
Dimensions: Depth in.	9-51/64	10-19/32	9-51/64	13

SHARP

AY-XP15ZU1-B
INTÉRIEURE
AY-XPC18BU-B
INTÉRIEURE
AY-XP15ZU1-B
EXTÉRIEURE
AY-XPC18BU-B
EXTÉRIEURE



SHARP "HOT GAS PIPE" system ensures that all condensation holes are kept clear without affecting energy efficiency.

« HOT GAS PIPE »
Unique to SHARP



SHARP

• Plasmacluster cannot create a completely sterile environment, or ensure prevention of infection. • The actual number of ions and effectiveness of microbe removing*1 and purifying*2 depend on the room conditions and the operation methods, including room size or shape, whether air conditioning or ventilation is used, product placement, direction of ion discharge, and operation mode. *1 Airborne viruses are suspended in a 1m³ box, and the percentages of the viruses removed after 10 minutes are measured. Suspended microbes subjected to Plasmacluster air purification are measured after 38 minutes in a testing room of about 40 m³. Test results may differ results in actual room conditions. *2 The effectiveness depends on the surrounding conditions (e.g., temperature, humidity and airflow), usage time and method. *3 Verified in SHARP test comparisons of ions not surrounded by water molecules.



Plasmacluster Technology

Sharp's unique bacteria-removing Plasmacluster Technology suppresses airborne viruses, and breaks down and removes airborne mold and other contaminants.

Avantages du Plasmacluster

- Suppresses the activity of airborne viruses
- Suppresses the activity of airborne microbes
- Acts on both airborne and adhering mold
- Inactivates and removes airborne allergens like dust mite feces and dead dust mites
- Inactivates and removes adhering odors (like tobacco smoke)
- Removes static electricity which attracts airborne particles
- Plasmacluster is effective all year round



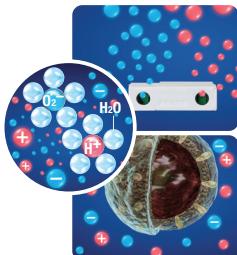
Plasmacluster
Ion Device

Plasmacluster's Microbe-Removing Mechanisms

1 Ions are released.

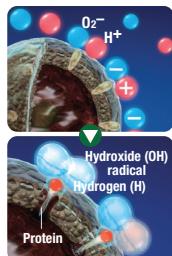
Plasmacluster Ions, the same positive and negative ions found in nature, are generated by plasma discharge and released into the air.

The ions are long-lasting*3 because they are surrounded by water molecules.



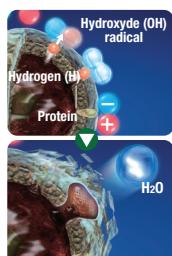
2 The ions act on airborne microbes.

The ions form hydroxide (OH) radicals that are highly oxidizing only when they adhere to the surfaces of mold and viruses. They instantly remove the hydrogen from the surface proteins, breaking them down.



3 The broken-down components return to the air as water.

The hydroxide (OH) radicals combine with hydrogen (H) to form water (H₂O), which returns to the air.



ON COMPRESSOR



ON PARTS

*10-year compressor warranty, 10-year parts warranty and 10-year labor warranty. Ask your contractor for details.

AUTHORIZED DEALER