

THE **PROFESSIONAL'S CHOICE**
OF **AIRCONS & HEAT PUMPS**

Alliance **Eco Splash R32** Inverter Pool Heat Pumps

APH7R32, APH10R32, APH13R32, APH17R32, APH21R32, APH28R32, APH35R32

Warranty:

ONE YEAR

Electronic (Parts after 1st year)

THREE YEARS

Compressor (Parts only after 1st year)

THREE YEARS

Heat Exchanger (Parts only after 1st year)



Advanced Controller



Energy Efficient



Eco Friendly R32



Style and Durability



Wi-Fi Control



Boost Mode*



*Boost Mode increases heating performance to help your pool reach the desired temperature faster.

Alliance

Domestic R32 full inverter Pool Heat Pump (ECO-SPLASH)

APH7R32, APH10R32, APH13R32, APH17R32, APH21R32, APH28R32, APH35R32



MODEL	APH7R32	APH10R32	APH13R32	APH17R32	APH21R32	APH28R32	APH35R32
Heating Capacity at Air 26°C, Humidity 80%, Water 26°C in							
Boost Mode Heating Capacity (kW)	7.6~1.7	9.5~2.3	13~3.0	17~3.8	21~4.8	28~6.8	35~8.8
Heating Capacity (kW)	6.94~2.53	8.47~3.37	10.87~4.02	13.45~4.91	16.96~6.50	23.34~8.66	31.36~13.31
Power Input (kW)	1.12~0.11	1.40~0.15	1.91~0.19	2.5~0.24	3.09~0.3	4.12~0.43	5.15~0.56
COP	15.8~6.8	15.8~6.8	16~6.8	15.8~6.8	15.8~6.8	15.8~6.8	15.8~6.8
Heating Capacity at Air 15°C, Humidity 70%, Water 26°C in							
Heating Capacity (kW)	6.1~1.4	7.6~1.9	10.12~2.29	13.5~2.89	16.5~3.8	23~5.5	25.5~6.4
Power Input (kW)	1.24~0.18	1.55~0.25	2.1~0.28	2.76~0.33	3.37~0.5	4.7~0.72	5.2~0.84
COP	7.6~4.9	7.6~4.9	7.6~5	7.6~4.9	7.6~4.9	7.6~4.9	7.6~4.9
Cooling Capacity at Air 35°C, Water 29°C in							
Cooling Capacity (kW)	4.2~1.03	5.3~1.3	7.25~1.82	9.47~2.1	11.58~2.96	14.9~3.8	19.3~4.9
Power Input (kW)	1.13~0.16	1.4~0.19	1.89~0.26	2.47~0.31	3.07~0.43	3.92~0.57	5.08~0.73
EER	6.6~3.8	6.7~3.8	6.9~3.8	6.7~3.8	6.87~3.77	6.7~3.8	6.7~3.8
Power Supply	220~240V / 1/ 50 Hz					380~415V/3/50HZ	
Max Power Input (kW)	1,6	1,8	2,2	2,6	3,2	4,5	6,9
Max current (A)	7,3	8,3	10,2	12	15	7,9	11,3
Heating Ambient Temperature (°C)	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43	-15~43
Cooling Ambient Temperature (°C)	15~43	15~43	15~43	15~43	15~43	15~43	15~43
Heating Water Operating Temperature (°C)	15~40	15~40	15~40	15~40	15~40	15~40	15~40
Cooling Water Operating Temperature (°C)	8~28	8~28	8~28	8~28	8~28	8~28	8~28
Compressor	Mitsubishi DC Inverter compressor						
Heat Exchanger	Screwed titanium tube						
Casing Material	Rust-free ABS						
Fan Motor	Brushless DC type						
Working temperature range (°C)	-15~43						
Water Proof Level	IPX4						
Refrigerant	R32						
Refrigerant volume (g)	350	430	720	790	850	1150	1300
Water Flow Volume (m3/h) Minimum	2,5	3,5	4,5	5,5	6,5	9	12
Water collection (mm)	50						
Net Dimensions (mm) (L x W x H)	864*349*592		925*364*642	925*364*642		1084*399*737	
Package Dimensions (mm) (L x W x H)	930*400*620		990*435*700	990*435*760		1146*460*862	
Net Weight (kg)	35	36	44	47	48	70	84
Gross Weight (kg)	42	44	55	57	58	83	96
Noise at 1 m dB(A)	36~45	36~45	40~48	41~50	42~52	42~52	43~55
Noise at 10 m dB(A)	19~27	20~28	21~29	23~31	24~32	24~32	25~33

Test conditions - Air 26°C / Water 26°C / Humidity 80%