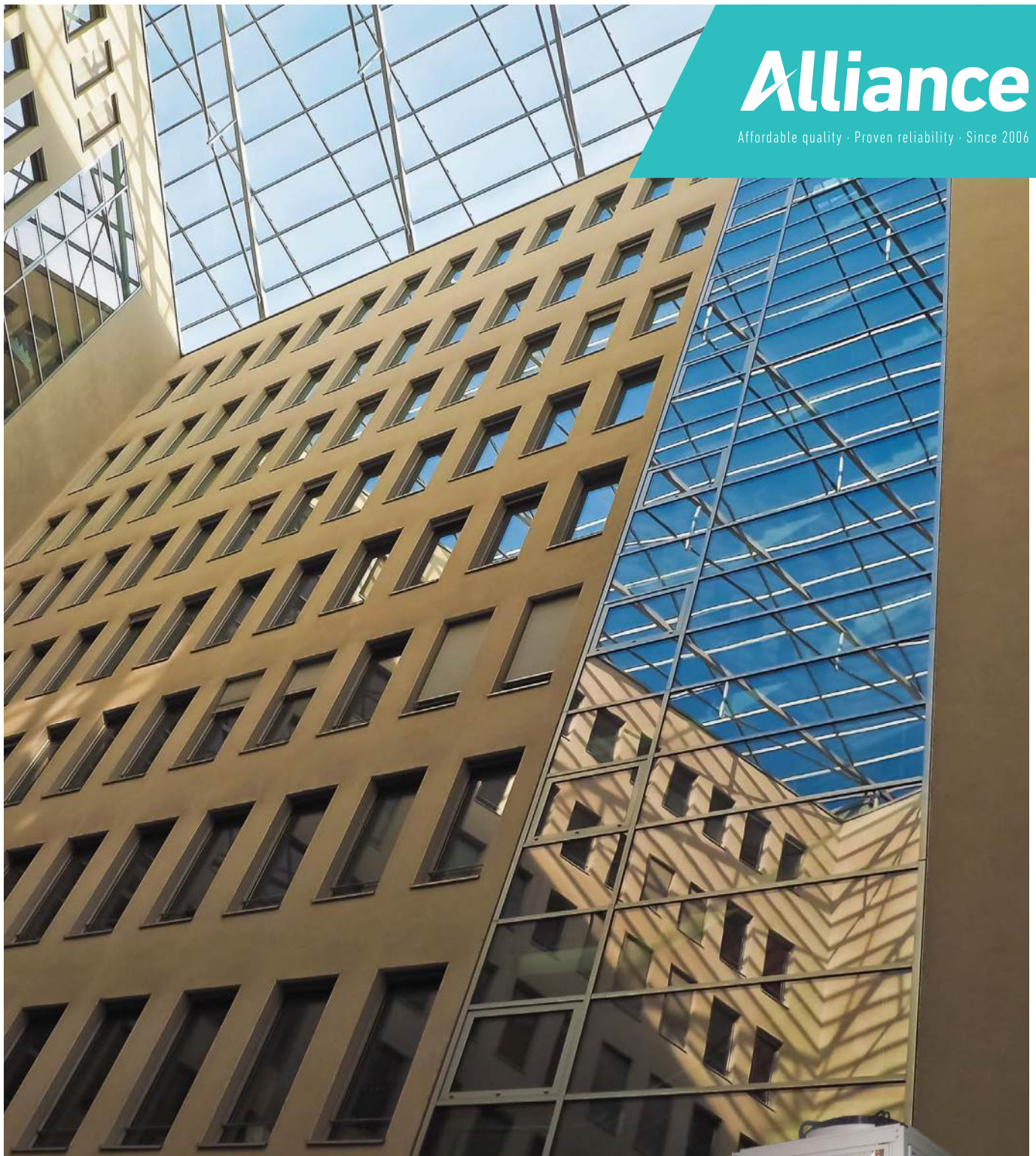


# Alliance

Affordable quality · Proven reliability · Since 2006



## Alliance High Temperature Commercial Heat Pump Range

*ALLHT33R134 · ALLHT660R134 · ALLHT1170R134*

- Max. water temperature up to 70°C / 80°C depending on model
- Ideal solution for industrial hot water applications such as sterilising etc
- Highly economical to run
- Easy to install, self-contained, quiet in operation
- Eco-friendly R134A refrigerant



*Total Comfort*

# Alliance High Temperature Commercial Heat Pump Range

ALLHT33R134 · ALLHT660R134 · ALLHT1170R134

Delivering excellent efficiency with high COP's, Alliance High Temperature Commercial Heat Pump range is the ideal solution for industrial hot water applications such as electroplating, laundries, abattoirs, food processing plants and sterilization of bottles. With the ability to heat water beyond a typical 60°C, these High Temperature Heat Pumps are suitable for the prevention and control of Legionella in large reticulation systems like hotels and hospitals. Thanks to Alliance's pioneering heat pump technology, these units are easy to install, self-contained and quiet in operation, while the use of R134A refrigerant ensures eco-friendliness.



Model	ALLHT33R134	ALLHT660R134	ALLHT1170R134
Power supply	380-415V/3ph/50 Hz	380-415V/3ph/50 Hz	380-415V/3ph/50 Hz
Rated heating output	33kW	66kW	117kW
Rated power input	9.2kW	18.2kW	30kW
COP	3.48	3.52	3.33
Max running current	27.2A	50.7A	76.6A
Max power input	16Kw	31.9Kw	41.2Kw
Hot water volume	550	1100	1720
Compressor type	Panasonic EVI Scroll	Panasonic EVI Scroll	Copeland Scroll
Compressor Quantity	1	2	4
Fan Quantity	2	2	2
Fan motor input	260W X 2	615W X 2	2000W X 2
Circulation Pump	Grundfos CM10-2	Grundfos CM10-2	-
Water flow volume	5 m <sup>3</sup> /h	10 m <sup>3</sup> /h	10 m <sup>3</sup> /h
Water pressure drop	46 kPa	81 kPa	15 kPa
Water pipe connections	1 ¼ inch	2 inch	DN80 Flange
Noise	60 dB(A)	71 dB(A)	75 dB(A)
Air discharge type	Vertical	Vertical	Vertical
Operation range	-7 to 45	-7 to 45	-7 to 45
Condenser	Patented tube in shell heat exchanger		
Max water temp	80°C	80°C	70°C
Casing	Galvanized metal	Galvanized metal	Galvanized metal
Net/gross weight	362/420(kg)	757/789(kg)	1016/1066(kg)
Net dimensions(LxWxH)	1610x1050x1550(mm)	2180x1080x2000(mm)	2180x1080x2000(mm)
Packing dimensions(LxWxH)	1725x1100x1725(mm)	2360x1180x2160(mm)	2360x1180x2160(mm)
Refrigerant	R134a	R134a	R134a

Test conditions: ambient temp.20°C/15°C, water circulation from 15°C to 65°C

Alliance reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE.



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