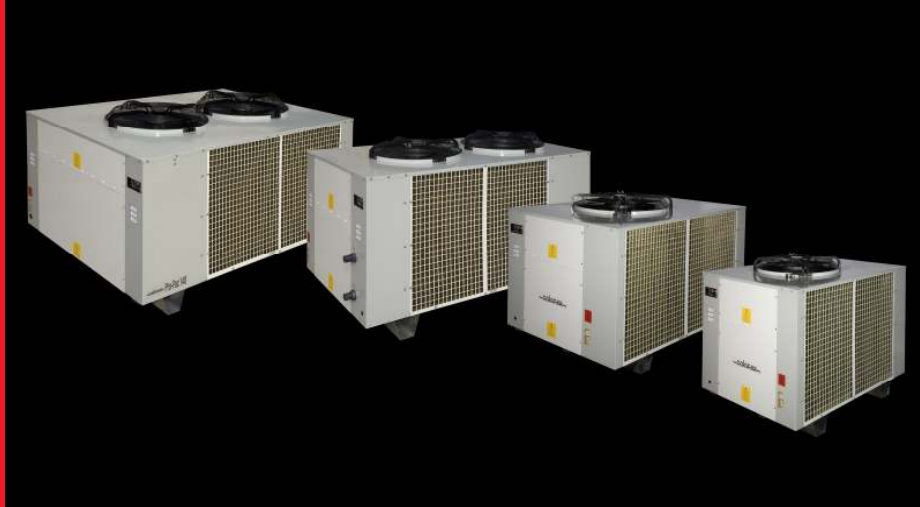


**All New**

# Pro-Pac 45-70-90-140

## Commercial Hot Water Heat Pumps



### Key features at a glance

- Capacity up to 120kW (30°C/85%RH)
- Designed specifically for heating commercial hot water up to 68°C
- Can operate in air temperatures from -15°C to 50°C
- Non ozone depleting R134a technology provides long service life
- Multiple staged scroll compressors for low starting currents
- WRAS approved heat exchangers - the units can safely be connected directly to a calorifier
- Standard features include digital control with comprehensive operation diagnostics
- Option: Reverse cycle defrost allows operation down to – 15°C
- Option: Soft start

# PRODUCT RELEASE



World Leaders in Heat Pump Technology

## Pro-Pac 45-70-90-140 Commercial Hot Water Heat Pumps

Pro-Pac Model		45	70	90	140
Output/input to water @ 30°C air, 30°C water	kW	34	60	68	120
Output/input to water @ 10°C air, 30°C water	kW	19	35	38	70
Refrigerant	Type	R134a	R134a	R134a	R134a
Compressor type	Scroll	1	2	2	2
Fan type	Axial	1	1	2	2
Supply fuse capacity min- max	400-3N/50HZ	84 - 125			
Air flow	M <sup>3</sup> /hr	10000	14000	20000	28000
Water flow	l/min	66	133	133	266
Operating limits - water	°C	10 - 68			
Operating limits - air	°C	-15 - 50			
Water connections	Inches	1 <sup>1/2</sup> BSPM			2 BSPM
Condensate water connections	Inches	1 <sup>1/2</sup> BSPM			
Sound pressure @ 3m	dB A	64	68	82	71
Width unpacked	mm	1665	1810	2010	2146
Depth unpacked	mm	1060	1190	1200	1650
Height unpacked	1mm	1310	1310	1300	1300
Weight unpacked	kg	329	549	599	858

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