Airedale
APPLIED THERMAL INNOVATION

EcoChill



UNIT SELECTION

UNIT TYPE : (•) Cooling Only ( ) Heatpump

SIZE SELECTED : ECL050

POWER SUPPLY : (•) 400V 3Ph 50Hz

HYDRAULIC OPTIONS : ( ) None ( ) Pump ( ) Pump & Tank (•) Boosted Pump & Tank

HEAT RECOVERY : (•) None

COIL FINS : (•) Aluminium ( ) Epoxy-coated

SOFT START : (•) No ( ) Yes

COOLING SUPPLY WATER TEMPERATURE : 8 °C ***dT :*** 6 °C

COOLING AMBIENT TEMPERATURE : 35 °C

CHOSEN UNIT NOMENCLATURE : **ECL050Q** **Valid Selection**

SAP PART NUMBER : 7499577

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UNIT SELECTED :	ECL050Q		
COOLING DUTY :	13.78	kW	
POWER INPUT :	4.49	kW	
EER :	3.33		
SEER :	3.99		
HEATING DUTY :	n/a	kW	
POWER INPUT :	n/a	kW	
COP :	n/a		
Compressors	Scroll		
Number / circuit :	1/1		
Oil heater :	1 x 35	W	
Capacity steps :	0 - 100	%	
Refrigerant charge :	3.48	kg	
Fans	Axial		
Number / circuit :	2		
Airflow rate :	2.00	m^3/s	
Power input :	1.32	kW	
Electrical Data			
Maximum Current (FLA) :	14	A	
Peak Current (LRA) :	68	A	
Water-Side			
Tank Size :	75	l	
Pump Input Power :	0.45	kW	
Pump Input Current :	2.7	A	
Unit Flow Rate :	0.55	l/s	* based on cooling mode
Unit Pressure Drop :	22	kPa	* based on cooling mode
Available External :	171	kPa	* based on cooling mode
Min System Water Volume :	54	l	
Dimensions and Weight			
Height :	1281	mm	
Width :	1165	mm	
Depth :	550	mm	
Machine Weight :	151	kg	
Sound			
Sound Pressure :	69	dB(A)	
Sound Pressure * :	38	dB(A)	* measured in free field conditions at distance of 10m and direction factor of 2 in accordance with ISO3744.

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