

SPECIFICATIONS

Ducted Cooling Units



Model Number		WG40 (R134A)	WG40 (R513A)
Power Requirements	volt/phase/hz	240/1/50	240/1/50
Performance			
Net Cooling Capacity*		Total/Sensible	Total/Sensible
@21 Deg C condenser inlet air	Watts	916/850	935/755
@27 Deg C condenser inlet air	Watts	858/831	940/760
@32 Deg C condenser inlet air	Watts	791/791	890/735
Controls			
Type		Digital electronic	Digital electronic
Temperature Accuracy/RH% Accuracy		1F / 10%	1F / 10%
Evaporator Section			
Fan Motor Size	Watts	75	75
Rated Air Flow (free blow)	M3/H	451	451
Rated Air Flow @ pressure loss (8 meter flex duct)	M3/H	400	400
Air-cooled Condenser Section			
Fan Motor Size	Watts	75	75
Rated Air Flow (free blow)	M3/H	468	468
Rated Air Flow @ pressure loss (8 meter flex duct)	M3/H	421	421
Water-cooled Condenser Section (option)			
Water usage at 11 Deg C rise	l/sec	0.03	0.03
Pressure drop	kPa	1.38	1.38
Pipe connection size (In/Out) outside diameter	mm	12.70	12.70
Heat (Option)			
Type		Electric	Electric
Capacity / temp rise (including fan)	Watts / Deg C	1000 / 7.5	1000 / 7.5
Humidifier (Option)			
Type		Removable drip pad with integral fan	Removable drip pad with integral fan
Capacity - water temp of 16 Deg C	L/Day	6.00	6.00
Capacity - water temp of 32 Deg C	L/Day	13.20	13.20
Capacity - water temp of 49 Deg C	L/Day	19.30	19.30
Electrical Requirements			
Current Draw - Cooling mode	Amps	4.8	4.8
Current Draw - Heating mode	Amps	4.4	4.4
Minimum Circuit amps (heat / no heat)	Amps		
Optional Low Ambient	Amps	0.4	0.4
Optional Humidifier	Amps	0.3	0.3
Cabinet			
Construction		Aluminum chassis & UL Rated plastic panels	Aluminum chassis & UL Rated plastic panels
Finish		Gray Metal epoxy powder coat/textured PVC Acrylic blend	Gray Metal epoxy powder coat/textured PVC Acrylic blend
Weight	kg	35.38	35.38
Dimensions (cm)	Width	84.96	84.96
	Depth	42.16	42.16
	Height	39.52	39.52
Condensate Drain connection (ID)	cm	1.27	1.27
Agency approval	CE	2014/30/EU	2014/30/EU

- Net cooling capacity at entering temperature and humidity conditions of 14 Deg C and 55% RH at rated airflow. Reduce capacity by 3% for each 10% reduction in evaporator airflow.
- Wine Guardian reserves the right to make changes to this document without prior notice at its sole discretion.
- All rating at sea level.

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