The information contained in this datasheet is subjected to the limitations contained in the Vertiv™ GRS Disclaimer.

Selection at Rating Conditions

Unit Information			
Product Family	**PWM**	Width	**2550 mm**
Model Number	**PWM15FNP3**	Depth	**1050 mm**
Service Front Space	**1000 mm**	Height	**3050 mm**
Chilled Water Connection	**64 mm**	Weight	**1050 kg**
Drain Connection	**10 mm**	Fan Location	**Blow-thru**

Options			
CW Water Valve	**PICV**	Humidifier	**None**

Data Input			
Calculation Mode	**Fan modulation + Fluid Out Temperature**	Fluid Type	**E.G.**
Unit Inlet Air Temperature - Dry Bulb	**40.0 °C**	Fluid Concentration	**40.00 %**
Unit Inlet Air Relative Humidity	**24 %**	Fluid Inlet Temperature	**22.0 °C**
Unit Return Airflow	**28624 $m^3/_{hr}$**	Room Fan Modulation (%)	**61.3 %**
ESP	**50.0 Pa**	Fluid Outlet Temperature	**32.0 °C**
Elevation	**0 m**		

Unit Performance			
Unit Model	**PWM15FNP3**	Unit Power Supply	**400V/3ph/50Hz+N-CE**
Unit Return Airflow	**28624 $m^3/_{hr}$**	Unit Power Input	**3.39 kW**
Unit Airflow Rate	**26389 $m^3/_{hr}$ of Std. Air**	Unit Net Total EER	**35.5**
NTCC	**120.4 kW**	Unit Net Sens EER	**35.5**
NSCC	**120.4 kW**	Indoor Unit Air Static Pressure Drop	**219.5 Pa**
nSHR	**1**	Internal FilterAir Pressure Drop	**28.8 Pa**
Gross Total Cooling Capacity	**123.8 kW**	Internal Filter Face Velocity	**1.7 $m/_s$**
Gross Sensible Cooling Capacity	**123.8 kW**	Internal Filter Class	**ePM10 50%**
Supply Air DB	**26.7 °C**	Fluid Outlet Temperature	**32.0 °C**
Supply Air WB	**19.4 °C**	Fluid Pressure Drop	**62.4 kPa**
Supply Air RH	**50.7 %**	PWL Suction	**81.5 dBA**

Chilled Water Coil			
Quantity	**1**	Fluid Pressure Drop Coil + Connections	**53 kPa**

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Chilled Water Coil			
Gross Total Cooling Capacity	**123.81 kW**	Inlet Coil Air Temperature	**40.4 °C**
Gross Sensible Cooling Capacity	**123.81 kW**	Inlet Coil Air Relative Humidity	**23.6 %**
Coil Fluid Flow	**201.68 $^{l}/_{min}$**	Inlet Coil Air Density	**1.1089 $^{kg}/_{m^3}$**

Fan			
Quantity	**3**	Operating Ampere	**5.37 A**
Fan Module	**High Static Fan-HP**	Full Load Ampere	**22.2 A**
Power Supply	**400V/3ph/50Hz+N-CE**	Locked Rotor Ampere	**0 A**
Power Input	**3.34 kW**	Fan Modulation (%)	**61.3 %**

Air Filter	
Filter Class	**ePM10 50%**

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