

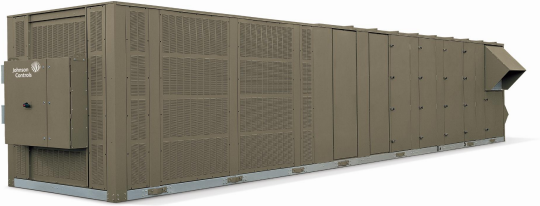
PERFORMANCE SPECIFICATION

Series100 (70-105)

Unit Tag	Qty.	Model Number	Airflow (cfm)	Total Capacity (mbh)	Volt-Ph-Hz	Refrigerant
RTU-SF1	1	YPAL070CVE46RBGXN	26000	866.2	460V-3Ph-60Hz	HFC-410a

UNIT DATA

Unit Size	YPAL 070	Unit of Measure
Approximate Weight	13535*	lb
Unit Dimension (LxWxH)	454.0 x 92.0 x 92.6in	
Supply Airflow	26000	cfm
Supply Air ESP	3.55	iwg
Return Airflow	15000	cfm
Return Duct Static	0.52	iwg
Altitude (above sea level)	0	ft
Ambient Temp.	85.0	°F



STATIC PRESSURE SUMMARY

Item		Unit of Measure
External Static Pressure*	3.55	iwg
Outdoor Air Opening (w/ dampers)	0.29	iwg
Filter (2" Pleated, MERV 8)	0.14	iwg
Evaporator Coil	0.52	iwg
TOTAL	4.51	iwg

* Weights shown represent approximate shipping weights and have a ± 10% accuracy

COOLING PERFORMANCE

		Unit of Measure
Total Capacity (gross)	866.2	mbh
Sensible Capacity (gross)	515.9	mbh
Latent Capacity	350.4	mbh
Entering Air Temp	78.9 / 67.6	°F db/ °F wb
Leaving Air Temp (coil)	61.5 / 57.4	°F db/ °F wb
Leaving Air Temp (unit)	64.6 / 58.5	°F db/ °F wb
Face Velocity	457.1	ft/min
Power Consumption	59.3	kw
EER at std. conditions	11.0	Btu / (hr. W)
IEER at std. conditions	13.6	Btu / (hr. W)

HEATING PERFORMANCE

Cooling Only, No Heat Options

SUPPLY FAN

Fan	FC-28x25
Motor	ODP - Premium Efficiency - 40 HP
BHP	31.9(hp)
RPM	763

RETURN FAN

Fan	2 X RF-270
Motor	2 X ODP - Premium Efficiency - 5 HP
BHP	3.2(hp)
RPM	830

ELECTRICAL DATA

	Current Draw						Unit
Compressors	1A	1B	2A	2B	3A	3B	amps
	17.9	17.9	17.9	17.9	17.9	17.9	
Condenser Fans (total)				16.8			amps
Supply Fan				48.2			amps
Return Fan				2 X6.3			amps
Control Transformer				1.6			amps
MCA				199			amps

MOP/Max CB	225	amps
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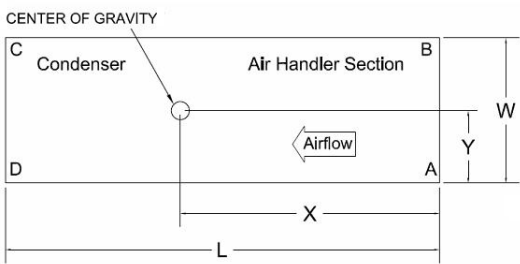
NOTES:Limit of 4" positive pressure on discharge.

SCCR:65kA rms symmetrical,480 Volts maximum when unit overcurrent protection provided by Class J fuses.

Octave Band Sound Power Levels (dB re 1 pW)								
	63	125	250	500	1K	2K	4K	8K dBA
Ducted Discharge	91	94	89	86	86	84	81	74
Ducted Inlet	80	93	78	72	67	66	60	53
Radiated	97	96	97	96	94	90	86	81 99

Sound estimates given are not in accordance with ARI Standards 260 or 370

Dimensions(in)			Unit Corner Weights(lb)				Center of Gravity(in)	
L	W	H	A	B	C	D	X	Y
454.0	92.0	92.6	3654	3485	3122	3273	214.5	44.9



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov