Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A1 Qty: 1 Tag(s): 3 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK036A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	3 Ton	1200 cfm	0.500 in H2O	3.91 ft	3.69 ft	5.82 ft	651.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	12.00
SEER @ AHRI	14.00
EER2 @ AHRI	11.00
SEER2 @ AHRI	13.40

Unit Electrical

Voltage	208-230/60/3
MCA	23.00 A
MOP	30.00 A
Condenser Fan FLA	1.10 A
Evaporator Fan FLA	5.70 A
Compressor 1 RLA	12.50 A
Compressor 2 RLA	0.00 A
Compressor Power	2.40 kW
System Power	3.36 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	**Gross Total**	37.97 MBh
Entering Wet Bulb	67.00 F	**Gross Latent**	9.74 MBh
Ambient Temp	95.00 F	**Gross Sensible**	28.23 MBh
Leaving Coil Dry Bulb	57.29 F	**Net Total**	37.04 MBh
Leaving Coil Wet Bulb	56.39 F	**Net Sensible**	27.29 MBh
Leaving Unit Dry Bulb	59.53 F	**Net Sensible Heat Ratio**	74.00 %
Leaving Unit Wet Bulb	57.26 F	**Fan Motor Heat**	0.62 MBh
Saturated Discharge Temperature	116.84 F	**Refrig Charge-Circuit 1**	3.1 lb
Saturated Suction Temperature	52.28 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	120.00 MBh
Output Heating Capacity	97.20 MBh
Heating EAT	60.00 F
Heating LAT	134.66 F
Heating Temp Rise	74.66 F
Heating Stages	2

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A1 Qty: 1 Tag(s): 3 Ton

Fan Section

Indoor Fan Data	
Airflow Application	Downflow
Design ESP	0.500 in H2O
Component SP	0.000 in H2O
Heat SP	0.000 in H2O
Total SP	0.500 in H2O
Indoor Fan Drive Type	Direct
Indoor Fan Quantity	1
Indoor Fan Type	FC Centrifugal

Indoor Fan Performance	
Airflow	1200 cfm
Supply Motor Horsepower	0.750 hp
Total Supply Motor Operating Power	0.270 hp
Indoor RPM	801 rpm
Outdoor Fan Data	
Outdoor Fan Drive Type	Direct
Outdoor Fan Quantity	1
Outdoor Fan Type	Propeller
Filters	
1st Filter Size and Qty	4 - 20 x 20 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	84 dB	71 dB	59 dB	59 dB	53 dB	50 dB	48 dB	41 dB
Ducted Inlet	77 dB	70 dB	59 dB	54 dB	48 dB	47 dB	47 dB	42 dB
Outdoor Noise	81 dB	80 dB	80 dB	77 dB	73 dB	69 dB	65 dB	60 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to -- AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A2 Qty: 1 Tag(s): 4 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK048A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	4 Ton	1600 cfm	0.500 in H2O	3.91 ft	3.69 ft	5.82 ft	671.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	12.00
SEER @ AHRI	14.00
EER2 @ AHRI	11.00
SEER2 @ AHRI	13.40

Unit Electrical

Voltage	208-230/60/3
MCA	27.00 A
MOP	40.00 A
Condenser Fan FLA	1.40 A
Evaporator Fan FLA	6.90 A
Compressor 1 RLA	14.80 A
Compressor 2 RLA	0.00 A
Compressor Power	3.39 kW
System Power	4.41 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	**Gross Total**	49.88 MBh
Entering Wet Bulb	67.00 F	**Gross Latent**	12.61 MBh
Ambient Temp	95.00 F	**Gross Sensible**	37.27 MBh
Leaving Coil Dry Bulb	57.87 F	**Net Total**	48.55 MBh
Leaving Coil Wet Bulb	56.70 F	**Net Sensible**	35.93 MBh
Leaving Unit Dry Bulb	59.77 F	**Net Sensible Heat Ratio**	74.00 %
Leaving Unit Wet Bulb	57.44 F	**Fan Motor Heat**	0.87 MBh
Saturated Discharge Temperature	120.42 F	**Refrig Charge-Circuit 1**	3.3 lb
Saturated Suction Temperature	51.18 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	130.00 MBh
Output Heating Capacity	105.30 MBh
Heating EAT	60.00 F
Heating LAT	120.71 F
Heating Temp Rise	60.71 F
Heating Stages	2

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A2 Qty: 1 Tag(s): 4 Ton

Fan Section

Indoor Fan Data	
Airflow Application	Downflow
Design ESP	0.500 in H2O
Component SP	0.000 in H2O
Heat SP	0.000 in H2O
Total SP	0.500 in H2O
Indoor Fan Drive Type	Direct
Indoor Fan Quantity	1
Indoor Fan Type	FC Centrifugal

Indoor Fan Performance	
Airflow	1600 cfm
Supply Motor Horsepower	1.000 hp
Total Supply Motor Operating Power	0.430 hp
Indoor RPM	891 rpm
Outdoor Fan Data	
Outdoor Fan Drive Type	Direct
Outdoor Fan Quantity	1
Outdoor Fan Type	Propeller
Filters	
1st Filter Size and Qty	4 - 20 x 20 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	85 dB	73 dB	61 dB	61 dB	55 dB	52 dB	52 dB	45 dB
Ducted Inlet	77 dB	71 dB	60 dB	55 dB	49 dB	48 dB	48 dB	43 dB
Outdoor Noise	81 dB	80 dB	80 dB	77 dB	73 dB	69 dB	65 dB	60 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to -- AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A3 Qty: 1 Tag(s): 5 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK060A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	5 Ton	2000 cfm	0.500 in H2O	3.91 ft	3.69 ft	5.82 ft	691.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	12.00
SEER @ AHRI	14.00
EER2 @ AHRI	11.00
SEER2 @ AHRI	13.40

Unit Electrical

Voltage	208-230/60/3
MCA	29.00 A
MOP	45.00 A
Condenser Fan FLA	1.40 A
Evaporator Fan FLA	6.90 A
Compressor 1 RLA	16.50 A
Compressor 2 RLA	0.00 A
Compressor Power	3.94 kW
System Power	5.41 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	**Gross Total**	61.74 MBh
Entering Wet Bulb	67.00 F	**Gross Latent**	13.58 MBh
Ambient Temp	95.00 F	**Gross Sensible**	48.15 MBh
Leaving Coil Dry Bulb	57.41 F	**Net Total**	59.56 MBh
Leaving Coil Wet Bulb	56.90 F	**Net Sensible**	45.98 MBh
Leaving Unit Dry Bulb	59.30 F	**Net Sensible Heat Ratio**	77.00 %
Leaving Unit Wet Bulb	57.64 F	**Fan Motor Heat**	1.49 MBh
Saturated Discharge Temperature	118.91 F	**Refrig Charge-Circuit 1**	3.9 lb
Saturated Suction Temperature	55.17 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	150.00 MBh
Output Heating Capacity	121.50 MBh
Heating EAT	60.00 F
Heating LAT	116.01 F
Heating Temp Rise	56.01 F
Heating Stages	2

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A3 Qty: 1 Tag(s): 5 Ton

Fan Section

Indoor Fan Data	
Airflow Application	Downflow
Design ESP	0.500 in H2O
Component SP	0.000 in H2O
Heat SP	0.000 in H2O
Total SP	0.500 in H2O
Indoor Fan Drive Type	Direct
Indoor Fan Quantity	1
Indoor Fan Type	FC Centrifugal

Indoor Fan Performance	
Airflow	2000 cfm
Supply Motor Horsepower	1.000 hp
Total Supply Motor Operating Power	0.590 hp
Indoor RPM	943 rpm
Outdoor Fan Data	
Outdoor Fan Drive Type	Direct
Outdoor Fan Quantity	1
Outdoor Fan Type	Propeller
Filters	
1st Filter Size and Qty	4 - 20 x 20 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	86 dB	75 dB	62 dB	63 dB	57 dB	54 dB	55 dB	48 dB
Ducted Inlet	76 dB	70 dB	63 dB	55 dB	50 dB	49 dB	48 dB	42 dB
Outdoor Noise	83 dB	80 dB	80 dB	77 dB	73 dB	70 dB	67 dB	66 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to -- AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A4 Qty: 1 Tag(s): 6 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK072A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	6 Ton	1860 cfm	0.500 in H2O	4.24 ft	4.44 ft	7.34 ft	1004.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	11.00
IEER @ AHRI	14.60

Unit Electrical

Voltage	208-230/60/3
MCA	38.00 A
MOP	50.00 A
Condenser Fan FLA	3.30 A
Evaporator Fan FLA	8.80 A
Compressor 1 RLA	14.80 A
Compressor 2 RLA	7.40 A
Compressor Power	4.78 kW
System Power	7.21 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

Entering Dry Bulb	80.00 F	**Capacity**	
Entering Wet Bulb	67.00 F	**Gross Total**	79.26 MBh
Ambient Temp	95.00 F	**Gross Latent**	24.74 MBh
Leaving Coil Dry Bulb	52.65 F	**Gross Sensible**	54.52 MBh
Leaving Coil Wet Bulb	52.59 F	**Net Total**	77.90 MBh
Leaving Unit Dry Bulb	54.29 F	**Net Sensible**	53.16 MBh
Leaving Unit Wet Bulb	53.29 F	**Net Sensible Heat Ratio**	68.00 %
Saturated Discharge Temperature	114.85 F	**Fan Motor Heat**	0.79 MBh
Saturated Suction Temperature	52.44 F	**Refrig Charge-Circuit 1**	8.0 lb

Heating Section

Heating	High Gas Heat
Input Heating Capacity	150.00 MBh
Output Heating Capacity	121.50 MBh
Heating EAT	60.00 F
Heating LAT	119.24 F
Heating Temp Rise	59.24 F
Heating Stages	2

Fan Section

Indoor Fan Data	
Airflow Application	Downflow
Design ESP	0.500 in H2O
Component SP	0.000 in H2O
Heat SP	0.000 in H2O
Total SP	0.500 in H2O
Indoor Fan Drive Type	Variable Direct
Indoor Fan Quantity	1
Indoor Fan Type	BC Plenum

Indoor Fan Performance	
Airflow	1860 cfm
Supply Motor Horsepower	3.000 hp
Total Supply Motor Operating Power	0.330 hp
Indoor RPM	786 rpm
Outdoor Fan Data	
Outdoor Fan Drive Type	Direct
Outdoor Fan Quantity	1
Outdoor Fan Type	Propeller
Filters	
1st Filter Size and Qty	2 - 18 x 24 x 2
2nd Filter Size and Qty	3 - 24 x 16 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	78 dB	71 dB	66 dB	63 dB	57 dB	55 dB	53 dB	53 dB
Ducted Inlet	75 dB	66 dB	61 dB	53 dB	48 dB	45 dB	44 dB	42 dB
Outdoor Noise	85 dB	84 dB	84 dB	85 dB	82 dB	76 dB	73 dB	67 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A5 Qty: 1 Tag(s): 7.5 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK090A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	7.5 Ton	2475 cfm	0.500 in H2O	4.24 ft	4.44 ft	7.34 ft	1063.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	11.00
IEER @ AHRI	14.60

Unit Electrical

Voltage	208-230/60/3
MCA	43.00 A
MOP	50.00 A
Condenser Fan FLA	3.30 A
Evaporator Fan FLA	8.80 A
Compressor 1 RLA	16.50 A
Compressor 2 RLA	9.90 A
Compressor Power	5.92 kW
System Power	8.27 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	Gross Total	90.89 MBh
Entering Wet Bulb	67.00 F	Gross Latent	25.02 MBh
Ambient Temp	95.00 F	Gross Sensible	65.87 MBh
Leaving Coil Dry Bulb	55.14 F	Net Total	88.91 MBh
Leaving Coil Wet Bulb	54.80 F	Net Sensible	63.90 MBh
Leaving Unit Dry Bulb	56.64 F	Net Sensible Heat Ratio	72.00 %
Leaving Unit Wet Bulb	55.41 F	Fan Motor Heat	1.10 MBh
Saturated Discharge Temperature	117.33 F	Refrig Charge-Circuit 1	7.6 lb
Saturated Suction Temperature	52.79 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	200.00 MBh
Output Heating Capacity	162.00 MBh
Heating EAT	60.00 F
Heating LAT	119.69 F
Heating Temp Rise	59.69 F
Heating Stages	2

Fan Section

Indoor Fan Data		Indoor Fan Performance	
Airflow Application	Downflow	Airflow	2475 cfm
Design ESP	0.500 in H2O	Supply Motor Horsepower	3.000 hp
Component SP	0.000 in H2O	Total Supply Motor Operating Power	0.510 hp
Heat SP	0.000 in H2O	Indoor RPM	910 rpm
Total SP	0.500 in H2O	**Outdoor Fan Data**	
Indoor Fan Drive Type	Variable Direct	Outdoor Fan Drive Type	Direct
Indoor Fan Quantity	1	Outdoor Fan Quantity	1
Indoor Fan Type	BC Plenum	Outdoor Fan Type	Propeller
		Filters	
		1st Filter Size and Qty	2 - 18 x 24 x 2
		2nd Filter Size and Qty	3 - 24 x 16 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	78 dB	73 dB	68 dB	65 dB	59 dB	57 dB	56 dB	56 dB
Ducted Inlet	76 dB	66 dB	63 dB	54 dB	50 dB	47 dB	47 dB	46 dB
Outdoor Noise	85 dB	84 dB	84 dB	85 dB	82 dB	76 dB	73 dB	67 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A6 Qty: 1 Tag(s): 8.5 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK102A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	8.5 Ton	2975 cfm	0.500 in H2O	4.24 ft	4.44 ft	7.34 ft	1095.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	11.00
IEER @ AHRI	14.60

Unit Electrical

Voltage	208-230/60/3
MCA	53.00 A
MOP	70.00 A
Condenser Fan FLA	2.80 A
Evaporator Fan FLA	8.80 A
Compressor 1 RLA	21.80 A
Compressor 2 RLA	13.20 A
Compressor Power	7.37 kW
System Power	9.96 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

Entering Dry Bulb	80.00 F	**Capacity**	
Entering Wet Bulb	67.00 F	**Gross Total**	110.62 MBh
Ambient Temp	95.00 F	**Gross Latent**	30.83 MBh
Leaving Coil Dry Bulb	55.19 F	**Gross Sensible**	79.79 MBh
Leaving Coil Wet Bulb	54.74 F	**Net Total**	107.96 MBh
Leaving Unit Dry Bulb	56.67 F	**Net Sensible**	77.13 MBh
Leaving Unit Wet Bulb	55.35 F	**Net Sensible Heat Ratio**	71.00 %
Saturated Discharge Temperature	121.13 F	**Fan Motor Heat**	1.45 MBh
Saturated Suction Temperature	52.40 F	**Refrig Charge-Circuit 1**	8.3 lb

Heating Section

Heating	High Gas Heat
Input Heating Capacity	200.00 MBh
Output Heating Capacity	162.00 MBh
Heating EAT	60.00 F
Heating LAT	109.65 F
Heating Temp Rise	49.65 F
Heating Stages	2

Fan Section

Indoor Fan Data		Indoor Fan Performance	
Airflow Application	Downflow	**Airflow**	2975 cfm
Design ESP	0.500 in H2O	**Supply Motor Horsepower**	3.000 hp
Component SP	0.000 in H2O	**Total Supply Motor Operating Power**	0.710 hp
Heat SP	0.000 in H2O	**Indoor RPM**	1019 rpm
Total SP	0.500 in H2O	**Outdoor Fan Data**	
Indoor Fan Drive Type	Variable Direct	**Outdoor Fan Drive Type**	Direct
Indoor Fan Quantity	1	**Outdoor Fan Quantity**	1
Indoor Fan Type	BC Plenum	**Outdoor Fan Type**	Propeller
		Filters	
		1st Filter Size and Qty	2 - 18 x 24 x 2
		2nd Filter Size and Qty	3 - 24 x 16 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	84 dB	75 dB	71 dB	67 dB	61 dB	59 dB	59 dB	59 dB
Ducted Inlet	77 dB	69 dB	66 dB	54 dB	51 dB	49 dB	49 dB	49 dB
Outdoor Noise	87 dB	86 dB	86 dB	83 dB	81 dB	77 dB	73 dB	67 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A7 Qty: 1 Tag(s): 10 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK120A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	10 Ton	3700 cfm	0.500 in H2O	4.24 ft	4.44 ft	7.34 ft	1114.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	11.00
IEER @ AHRI	14.60

Unit Electrical

Voltage	208-230/60/3
MCA	57.00 A
MOP	80.00 A
Condenser Fan FLA	2.80 A
Evaporator Fan FLA	8.80 A
Compressor 1 RLA	25.20 A
Compressor 2 RLA	13.20 A
Compressor Power	8.72 kW
System Power	11.34 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	**Gross Total**	125.15 MBh
Entering Wet Bulb	67.00 F	**Gross Latent**	31.18 MBh
Ambient Temp	95.00 F	**Gross Sensible**	93.97 MBh
Leaving Coil Dry Bulb	56.54 F	**Net Total**	121.15 MBh
Leaving Coil Wet Bulb	55.97 F	**Net Sensible**	89.97 MBh
Leaving Unit Dry Bulb	58.07 F	**Net Sensible Heat Ratio**	74.00 %
Leaving Unit Wet Bulb	56.59 F	**Fan Motor Heat**	2.19 MBh
Saturated Discharge Temperature	121.33 F	**Refrig Charge-Circuit 1**	8.0 lb
Saturated Suction Temperature	53.60 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	240.00 MBh
Output Heating Capacity	194.40 MBh
Heating EAT	60.00 F
Heating LAT	108.06 F
Heating Temp Rise	48.06 F
Heating Stages	2

Fan Section

Indoor Fan Data		**Indoor Fan Performance**	
Airflow Application	Downflow	**Airflow**	3700 cfm
Design ESP	0.500 in H2O	**Supply Motor Horsepower**	3.000 hp
Component SP	0.000 in H2O	**Total Supply Motor Operating Power**	1.090 hp
Heat SP	0.000 in H2O	**Indoor RPM**	1189 rpm
Total SP	0.500 in H2O	**Outdoor Fan Data**	
Indoor Fan Drive Type	Variable Direct	**Outdoor Fan Drive Type**	Direct
Indoor Fan Quantity	1	**Outdoor Fan Quantity**	1
Indoor Fan Type	BC Plenum	**Outdoor Fan Type**	Propeller
		Filters	
		1st Filter Size and Qty	2 - 18 x 24 x 2
		2nd Filter Size and Qty	3 - 24 x 16 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	86 dB	83 dB	75 dB	70 dB	64 dB	62 dB	62 dB	62 dB
Ducted Inlet	81 dB	74 dB	69 dB	58 dB	55 dB	54 dB	54 dB	53 dB
Outdoor Noise	86 dB	87 dB	86 dB	83 dB	81 dB	77 dB	73 dB	67 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A8 Qty: 1 Tag(s): 12.5 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK150A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	12.5 Ton	5000 cfm	0.500 in H2O	4.24 ft	5.26 ft	8.30 ft	1315.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	10.80
IEER @ AHRI	14.00

Unit Electrical

Voltage	208-230/60/3
MCA	67.00 A
MOP	90.00 A
Condenser Fan FLA	4.30 A
Evaporator Fan FLA	11.00 A
Compressor 1 RLA	29.50 A
Compressor 2 RLA	14.80 A
Compressor Power	11.32 kW
System Power	13.99 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	Gross Total	149.79 MBh
Entering Wet Bulb	67.00 F	Gross Latent	35.50 MBh
Ambient Temp	95.00 F	Gross Sensible	114.29 MBh
Leaving Coil Dry Bulb	57.36 F	Net Total	143.13 MBh
Leaving Coil Wet Bulb	56.59 F	Net Sensible	107.63 MBh
Leaving Unit Dry Bulb	59.22 F	Net Sensible Heat Ratio	75.00 %
Leaving Unit Wet Bulb	57.33 F	Fan Motor Heat	3.88 MBh
Saturated Discharge Temperature	125.90 F	Refrig Charge-Circuit 1	9.8 lb
Saturated Suction Temperature	52.81 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	250.00 MBh
Output Heating Capacity	202.50 MBh
Heating EAT	60.00 F
Heating LAT	97.12 F
Heating Temp Rise	37.12 F
Heating Stages	2

Fan Section

Indoor Fan Data	
Airflow Application	Downflow
Design ESP	0.500 in H2O
Component SP	0.000 in H2O
Heat SP	0.000 in H2O
Total SP	0.500 in H2O
Indoor Fan Drive Type	Variable Direct
Indoor Fan Quantity	1
Indoor Fan Type	BC Plenum

Indoor Fan Performance	
Airflow	5000 cfm
Supply Motor Horsepower	4.600 hp
Total Supply Motor Operating Power	1.760 hp
Indoor RPM	1423 rpm
Outdoor Fan Data	
Outdoor Fan Drive Type	Direct
Outdoor Fan Quantity	1
Outdoor Fan Type	Propeller
Filters	
1st Filter Size and Qty	3 - 24 x 18 x 2
2nd Filter Size and Qty	3 - 18 x 18 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	85 dB	85 dB	78 dB	74 dB	69 dB	66 dB	66 dB	65 dB
Ducted Inlet	81 dB	78 dB	74 dB	64 dB	60 dB	57 dB	58 dB	57 dB
Outdoor Noise	88 dB	89 dB	90 dB	87 dB	84 dB	80 dB	75 dB	67 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A9 Qty: 1 Tag(s): 15 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK180A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	15 Ton	5250 cfm	0.500 in H2O	4.92 ft	7.25 ft	10.25 ft	2156.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	10.80
IEER @ AHRI	14.00

Unit Electrical

Voltage	208-230/60/3
MCA	79.00 A
MOP	110.00 A
Condenser Fan FLA	2.20 A
Evaporator Fan FLA	8.80 A
Compressor 1 RLA	32.30 A
Compressor 2 RLA	16.50 A
Compressor Power	12.53 kW
System Power	16.80 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

Entering Dry Bulb	80.00 F	**Capacity**	
Entering Wet Bulb	67.00 F	**Gross Total**	183.58 MBh
Ambient Temp	95.00 F	**Gross Latent**	48.37 MBh
Leaving Coil Dry Bulb	56.16 F	**Gross Sensible**	135.20 MBh
Leaving Coil Wet Bulb	55.56 F	**Net Total**	179.84 MBh
Leaving Unit Dry Bulb	57.55 F	**Net Sensible**	131.47 MBh
Leaving Unit Wet Bulb	56.12 F	**Net Sensible Heat Ratio**	73.00 %
Saturated Discharge Temperature	122.07 F	**Fan Motor Heat**	1.52 MBh
Saturated Suction Temperature	52.06 F	**Refrig Charge-Circuit 1**	11.8 lb

Heating Section

Heating	High Gas Heat
Input Heating Capacity	400.00 MBh
Output Heating Capacity	324.00 MBh
Heating EAT	60.00 F
Heating LAT	116.38 F
Heating Temp Rise	56.38 F

Fan Section

Indoor Fan Data		**Indoor Fan Performance**	
Airflow Application	Downflow	**Airflow**	5250 cfm
Design ESP	0.500 in H2O	**Supply Motor Horsepower**	3.000 hp
Component SP	0.000 in H2O	**Total Supply Motor Operating Power**	0.990 hp
Heat SP	0.000 in H2O	**Indoor RPM**	913 rpm
Total SP	0.500 in H2O	**Outdoor Fan Data**	
Indoor Fan Drive Type	Variable Direct	**Outdoor Fan Drive Type**	Direct
Indoor Fan Quantity	2	**Outdoor Fan Quantity**	2
Indoor Fan Type	BC Plenum	**Outdoor Fan Type**	Propeller
		Filters	
		1st Filter Size and Qty	8 - 20 x 24 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	81 dB	78 dB	71 dB	66 dB	60 dB	56 dB	55 dB	53 dB
Ducted Inlet	82 dB	73 dB	65 dB	59 dB	54 dB	52 dB	52 dB	48 dB
Outdoor Noise	84 dB	87 dB	88 dB	85 dB	82 dB	77 dB	74 dB	69 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260

Product Report - 3 - 25 Ton Precedent Unitary Rooftop
Item: A10 Qty: 1 Tag(s): 17.5 Ton

Trane Precedent Packaged Rooftop

Unit Overview - YSK210A3S0H**0000000000000000000000000000

Application	Unit Size	Supply Fan		External Dimensions (in.)			Operating Weight	Elevation
		Airflow	Total Static Pressure	Height	Width	Length		
DX Cooling / Gas Heat	17.5 Ton	6650 cfm	0.500 in H2O	4.92 ft	7.25 ft	10.25 ft	2186.0 lb	0.00 ft

Unit Features

Unit Efficiency	Standard Efficiency
Refrigerant	R-454B Refrigerant
EER @ AHRI	10.80
IEER @ AHRI	14.00

Unit Electrical

Voltage	208-230/60/3
MCA	95.00 A
MOP	125.00 A
Condenser Fan FLA	4.30 A
Evaporator Fan FLA	8.80 A
Compressor 1 RLA	37.10 A
Compressor 2 RLA	21.80 A
Compressor Power	14.99 kW
System Power	19.62 kW

Controls

Unit Controls	Symbio 700
SupplyFan/Drive/MotorType	Multi-speed Motor

Cooling Section

		Capacity	
Entering Dry Bulb	80.00 F	Gross Total	215.01 MBh
Entering Wet Bulb	67.00 F	Gross Latent	52.84 MBh
Ambient Temp	95.00 F	Gross Sensible	162.17 MBh
Leaving Coil Dry Bulb	57.44 F	Net Total	209.65 MBh
Leaving Coil Wet Bulb	56.49 F	Net Sensible	156.81 MBh
Leaving Unit Dry Bulb	58.75 F	Net Sensible Heat Ratio	75.00 %
Leaving Unit Wet Bulb	57.02 F	Fan Motor Heat	2.15 MBh
Saturated Discharge Temperature	122.24 F	Refrig Charge-Circuit 1	12.0 lb
Saturated Suction Temperature	51.57 F		

Heating Section

Heating	High Gas Heat
Input Heating Capacity	400.00 MBh
Output Heating Capacity	324.00 MBh
Heating EAT	60.00 F
Heating LAT	104.63 F
Heating Temp Rise	44.63 F

Fan Section

Indoor Fan Data	
Airflow Application	Downflow
Design ESP	0.500 in H2O
Component SP	0.000 in H2O
Heat SP	0.000 in H2O
Total SP	0.500 in H2O
Indoor Fan Drive Type	Variable Direct
Indoor Fan Quantity	2
Indoor Fan Type	BC Plenum

Indoor Fan Performance	
Airflow	6650 cfm
Supply Motor Horsepower	3.000 hp
Total Supply Motor Operating Power	1.490 hp
Indoor RPM	1057 rpm
Outdoor Fan Data	
Outdoor Fan Drive Type	Direct
Outdoor Fan Quantity	2
Outdoor Fan Type	Propeller
Filters	
1st Filter Size and Qty	8 - 20 x 24 x 2

Acoustics

Sound Path	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Ducted Discharge	80 dB	86 dB	74 dB	69 dB	63 dB	60 dB	59 dB	57 dB
Ducted Inlet	75 dB	83 dB	68 dB	62 dB	57 dB	54 dB	54 dB	51 dB
Outdoor Noise	88 dB	88 dB	91 dB	89 dB	86 dB	82 dB	79 dB	73 dB

Note:Ducted Discharge/Ducted Inlet prediction data conform to AHRI 260