



Series 11, Ceiling-Mounted Units

Technical Data– 60 Hz

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Air-cooled Systems

Self-contained		11AX15	11AX20	11AX25			
Split unit - (Requires air-cooled condensing unit)		11AH15	11AH20	11AH25	11AH30		
Split unit - (Requires air-cooled condenser)		11DX15	11DX20	11DX25	11DX30	11DX40	11DX50
Cooling Capacity -		<i>Rated at standard air volume, and 95°F ambient temperature</i>					
80°F DB, 50%rh							
Total	BTUH	18795	22759	26505	36220	55478	69009
Sensible	BTUH	16418	19902	22885	28658	49350	58052
THR	BTUH	26069	31967	36413	49539	60182	75399
80°F DB, 45%rh							
Total	BTUH	18536	22354	25968	35611	54565	67498
Sensible	BTUH	17517	21145	24352	30858	52976	62307
THR	BTUH	25813	31574	35885	48905	59199	73798
75°F DB, 50%rh							
Total	BTUH	17303	21724	24455	33314	51512	63550
Sensible	BTUH	15627	18595	21866	27532	47357	55553
THR	BTUH	24597	30964	34409	46662	56146	69912
75°F DB, 45%rh							
Total	BTUH	17073	20689	23966	32869	50386	62247
Sensible	BTUH	16655	20100	23103	29605	50305	59461
THR	BTUH	24370	29969	33929	46201	55020	68521
72°F DB, 50%rh							
Total	BTUH	16425	20705	24209	31729	49091	60642
Sensible	BTUH	15104	18056	21055	26839	42635	54108
THR	BTUH	23733	29981	34170	45100	53829	66970
72°F DB, 45%rh							
Total	BTUH	16486	20554	22945	31328	48279	59696
Sensible	BTUH	16486	19116	22412	28835	48279	57931
THR	BTUH	23794	29839	32939	44685	52913	65934
Fan Section - Impeller backward curved blower system with EC Motor							
Standard Air Volume	CFM	750	950	1100	1400	2200	2500
Quantity of Fans		1	1	1	1	1	1
External Static Pressure	in	0.3	0.3	0.3	0.3	0.3	0.3
Total Fan Motor Power	KW	0.8	0.8	0.8	0.8	3.3	3.3
Compressor - Refrigerant R410A, for self contained and DX models							
Quantity of Compressors		1	1	1	1	1	1
Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan							
Face Area	ft ²	2.06	2.06	2.06	2.57	6.25	6.25
Rows Deep		3	3	3	4	4	4
Fins per inch	fpi	12	12	12	12	12	12
Face Velocity	fpm	364	461	534	545	352	400
Refrigerant Charge	lbs	0.4	0.6	0.8	1.2	3.9	3.9

Self-contained		11AX15	11AX20	11AX25			
Split unit - (Requires air-cooled condensing unit)		11AH15	11AH20	11AH25	11AH30		
Split unit - (Requires air-cooled condenser)		11DX15	11DX20	11DX25	11DX30	11DX40	11DX50
Reheat Section - Electric Reheat - finned tubular type heater, -Optional							
Capacity @ 208V/1ph	kW	5	5	5	5		
Capacity @ 208V/ 3ph	kW	5	5	5	6	6	6
Capacity @ 230V	kW	6.1	6.1	6.1			
Capacity @ 277V	kW	8.9	8.9	8.9			
Humidifier - Electrode boiler type, -Optional							
Steam Generation Capacity	Lb/hr	5	5	5	5	10	10
Humidifier Power	kW	1.7	1.7	1.7	1.7	3.4	3.4
Filter Section - Pleated disposable type							
Quantity of Filters		1	1	1	1	2	2
Nominal Size	WxHxD in	20 x 24 x 4					
Piping Connection Size							
Liquid Line	- ODM -in	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"
Suction Line (11AH**)	- ODM -in	5/8"	5/8"	5/8"	5/8"	7/8"	7/8"
Hot Gas Line (11DX**)	- ODM -in	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"
Humidifier Water	- ODM -in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Condensate Drain	- ODM -in	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"
Condenser Coil - Copper tube / aluminium fin (for 11AX** units)							
Face Area	ft ²	2.4	2.4	2.4			
Rows Deep		4	4	4			
Fins per inch		10	10	10			
Face Velocity	fpm	542	542	542			
Refrigerant Charge	lbs	2.2	2.2	2.2			
Condenser Fan Module Section - Impeller Backward Curved Blower (for 11AX** units)							
Standard Air Volume	CFM	1300	1300	1300			
Quantity of Fans		1	1	1			
Total Fan Motor Power	Hp	0.75	0.75	0.75			
Physical Details							
Width x Depth x Height	in	24 x 47 x 22		24 x 47 x 26 57 x 56 x 35			
Weight x Depth x Height	in	20-1/4 x 22 x 17-1/4 (condenser fan module with 11AX** only)					
Weight (11AX**)	lbs	246	250	260			
Weight (11DX**)	lbs	181	185	194	475	475	490
Weight (11AH**)	lbs	135	135	135			
Matching Air-Cooled Condenser -Selected at 95°F ambient temperature							
Model	in				KS11-065-1	KS11-065-1	KS11-078-1
Width x Depth x Height	lbs				51 x 30 x 44	51 x 30 x 44	51 x 30 x 44
Weight					170	170	177

Air-cooled Remote Indoor Condensers – (for use with 11DX**)

		11RC15	11RC20	11RC25
Fan Section – Impeller Backward Curved on model 10 to 25 and Forward curved centrifugal on model 30 to 50				
Standard Air Volume	CFM	1300	1300	1300
Quantity of Fans		1	1	1
Total Fan Motor Power	Hp	0.75	0.75	0.75
Condenser Coil - Copper tube / aluminium fin				
Face Area	ft ²	2.4	2.4	2.4
Rows Deep		4	4	4
Fins per inch		10	10	10
Face Velocity	fpm	542	542	542
Normal Refrigerant Charge	lbs	2.2	2.2	2.2
Flooded Refrigerant Charge	lbs	5	5	5
Piping Connection Size				
Liquid Line	- ODM -in	3/8"	3/8"	3/8"
Discharge Line	- ODM -in	1/2"	1/2"	1/2"

Physical Details

Width x Depth x Height	in	24 x 25 x 21		
Weight	lbs	75	75	75

Air-cooled Remote Outdoor Condensers – (for use with 11DX**)

		11AR15	11AR20	11AR25
Fan Section – Direct drive Propeller Fan				
Standard Air Volume	CFM	1600	1600	2200
Quantity of Fans		1	1	1
Total Fan Motor Power	Hp	0.25	0.25	0.25
Condenser Coil - Copper tube / aluminium fin				
Face Area	ft ²	4.2	4.2	4.2
Rows Deep		3	3	3
Fins per inch		9	9	9
Face Velocity	fpm	384	384	528
Normal Refrigerant Charge	lbs	2.9	2.9	2.9
Flooded Refrigerant Charge	lbs	6.7	6.7	6.7
Piping Connection Size				
Liquid Line	- ODM -in	3/8"	3/8"	3/8"
Discharge Line	- ODM -in	1/2"	1/2"	1/2"
Physical Details				
Width x Depth x Height	in	41 x 13 x 26		
Weight	lbs	95	95	95

Air-cooled Remote Indoor Condensing Unit – (for use with 11AH**)

11RU15 11RU20 11RU25

Fan Section – Impeller Backward Curved on model 10 to 25 and Forward curved centrifugal on model 30 to 50

Standard Air Volume	CFM	1300	1300	1300
Quantity of Fans		1	1	1
Total Fan Motor Power	Hp	0.75	0.75	0.75

Compressor - Refrigerant R410A, Located in remote unit

Quantity of Compressors		1	1	1
Type		Scroll	Scroll	Scroll

Condenser Coil - Copper tube / aluminium fin

Face Area	ft ²	2.4	2.4	2.4
Rows Deep		4	4	4
Fins per inch		10	10	10
Face Velocity	fpm	542	542	542
Normal Refrigerant Charge	lbs	2.2	2.2	2.2
Flooded Refrigerant Charge	lbs	5	5	5

Piping Connection Size

Liquid Line	- ODM -in	3/8"	3/8"	3/8"
Suction Line	- ODM -in	5/8"	5/8"	5/8"

Physical Details

Width x Depth x Height	in	24 x 25 x 21		
Weight	lbs	130	135	140

Air-cooled Remote Outdoor Condensing Unit – (for use with 11AH**)

11AC15 11AC20 11AC25

Fan Section – Direct drive Propeller Fan

Standard Air Volume	CFM	1600	1600	2200
Quantity of Fans		1	1	1
Total Fan Motor Power	Hp	0.25	0.25	0.25

Compressor - Refrigerant R410A, Located in outdoor unit

Quantity of Compressors		1	1	1
Type		Scroll	Scroll	Scroll

Condenser Coil - Copper tube / aluminium fin

Face Area	ft ²	4.2	4.2	4.2
Rows Deep		3	3	3
Fins per inch		13	13	13
Face Velocity	fpm	384	384	528
Normal Refrigerant Charge	lbs	2.9	2.9	2.9
Flooded Refrigerant Charge	lbs	6.7	6.7	6.7

Piping Connection Size

Liquid Line	- ODM -in	3/8"	3/8"	3/8"
Suction Line	- ODM -in	5/8"	5/8"	5/8"

Physical Details

Width x Depth x Height	in	41 x 13 x 26		
Weight	lbs	145	145	145

Water-cooled Systems

Self-contained		11WX15	11WX20	11WX25	11WX30	11WX40	11WX50
Split unit – (requires water-cooled condensing unit)		11AH15	11AH20	11AH25	11AH30		
Cooling Capacity -		<i>Rated at standard air volume, 115°F condensing temperature</i>					
80°F DB, 50%rh							
Total	BTUH	19719	24584	28625	39332	60206	74465
Sensible	BTUH	17556	20595	23747	29933	51233	60188
THR	BTUH	20982	31230	35806	50978	72657	90975
80°F DB, 45%rh							
Total	BTUH	19294	24071	27998	38169	58802	72933
Sensible	BTUH	18698	22011	25408	34231	54990	64569
THR	BTUH	20557	30697	35188	49773	71244	89437
75°F DB, 50%rh							
Total	BTUH	18203	22731	26412	36349	55546	69038
Sensible	BTUH	16708	19862	22756	28918	49081	57984
THR	BTUH	19466	29293	33632	48016	68064	85611
75°F DB, 45%rh							
Total	BTUH	17793	22355	25936	35785	54494	67665
Sensible	BTUH	17735	20987	24182	30938	52443	61888
THR	BTUH	19056	28904	33164	47432	66998	84229
72°F DB, 50%rh							
Total	BTUH	17944	21633	25106	34676	52970	66036
Sensible	BTUH	15950	19223	22217	28250	47785	56584
THR	BTUH	19207	28155	32350	46360	65519	82642
72°F DB, 45%rh							
Total	BTUH	17097	21275	24735	34043	52085	64580
Sensible	BTUH	17097	20310	23425	30114	50880	60203
THR	BTUH	18292	27786	31986	45701	64634	81174
Fan Section – Impeller Backward Curved Blower							
Standard Air Volume	CFM	750	950	1100	1400	2200	2500
Quantity of Fans		1	1	1	1	1	1
External Static Pressure	in	0.3	0.3	0.3	0.3	0.3	0.3
Total Fan Motor Power	Hp	0.8	0.8	0.8	0.8	3.3	3.3
Compressor - Refrigerant R410A, for self-contained model							
Quantity of Compressors		1	1	1	1	1	1
Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan							
Face Area	ft ²	2.06	2.06	2.06	2.57	6.25	6.25
Rows Deep		3	3	3	4	4	4
Fins per inch	fpi	12	12	12	12	12	12
Face Velocity	fpm	364	461	534	545	352	400
Refrigerant Charge (11AH**)	lbs	0.4	0.6	0.8	1.4	3.2	3.2
Reheat Section – Electric Reheat - finned tubular type heater, -Optional							
Capacity @ 208V/1ph	kW	5	5	5	5		
Capacity @ 208V/ 3ph	kW	5	5	5	6	6	6

Capacity @ 230V	kW	6.1	6.1	6.1			
Capacity @ 277V	kW	8.9	8.9	8.9			
Split unit – (requires water-cooled condensing unit)		11AH15	11AH20	11AH25	11AH30		

Humidifier - Electrode boiler type, -Optional

Steam Generation Capacity	Lb/hr	5	5	5	5	10	10
Humidifier Power	kW	1.7	1.7	1.7	1.7	3.4	3.4

Filter Section – Pleated disposable type

Quantity of Filters		1	1	1	1	2	2
Nominal Size	WxHxD in	20 x 24 x 4					

Piping Connection Size

Liquid Line	- ODM -in	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"
Suction Line (11AH**)	- ODM -in	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Humidifier Water	- ODM -in	1/4"	1/4"	1/4"	1/2"	5/8"	5/8"
Condensate Drain	- ODM -in	1/2"	1/2"	1/2"	1/4"	1/4"	1/4"
Condensing Water	- ODM -in	7/8"	7/8"	7/8"	1/2"	3/4"	3/4"

Physical Details

Width x Depth x Height	in	24 x 47 x 22		24 x 47 x 26 57 x 56 x 35			
Weight (11WX**)	lbs	196	200	210	254	525	540
Weight (11AH**)	lbs	135	135	135	145	N/A	N/A

Water-cooled Remote Indoor Condensing Unit – (for use with 11AH**)

11WC15 11WC20 11WC25 11WC30

Compressor - Refrigerant R410A, Located in remote unit

Quantity of Compressors		1	1	1	1		
Type		Scroll	Scroll	Scroll	Scroll		

Condenser

Refrigerant Charge	lbs	1.5	1.75	1.9	2.3		
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Condensing Water Requirement (for self-contained units and remote indoor condensing units)

75°F EWT							
Flow Rate	GPM	2.2	3.8	4.2	7.8	12.6	14.3
Unit Pressure Drop	ft-H ₂ O	4.4	6.9	7.6	11.1	9.7	11.6
85°F EWT							
Flow Rate	GPM	2.4	3.9	4.4	8.0	13.1	14.9
Unit Pressure Drop	ft-H ₂ O	4.9	7.2	8.3	11.3	10.2	12.2

Water Regulating Valve - 2-way, head pressure controlled

Size	in.	3/8"	1/2"	1/2"	3/4"		
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Piping Connection Size

Liquid Line	- ODM -in	3/8"	3/8"	3/8"	1/2"		
Suction Line	- ODM -in	5/8"	5/8"	5/8"	7/8"		
Condensing Water	- ODM -in	7/8"	7/8"	7/8"	1"		

Physical Details

Width x Depth x Height	in	40 x 14 x 26					
Weight	lbs	145	145	145	160		

Glycol-cooled Systems

Self-contained		11GX15	11GX20	11GX25	11GX30	11GX40	11GX50
Split unit – requires glycol-cooled condensing unit		11AH15	11AH20	11AH25	11AH30		
Cooling Capacity - Rated at standard air volume							
80°F DB, 50%rh							
Total	BTUH	19311	24053	27062	37251	54583	66853
Sensible	BTUH	17309	20447	23980	30410	49009	57175
THR	BTUH	22739	24053	34682	50312	72493	90503
80°F DB, 45%rh							
Total	BTUH	19150	23012	26604	36630	53118	65327
Sensible	BTUH	18456	22157	25358	32590	52276	61404
THR	BTUH	22567	23012	34235	49699	71016	88946
75°F DB, 50%rh							
Total	BTUH	18000	22360	25994	34625	49984	61737
Sensible	BTUH	16564	19591	22672	29341	43103	54771
THR	BTUH	21400	22360	33641	47722	68052	85459
75°F DB, 45%rh							
Total	BTUH	17902	21372	24626	33877	49170	60513
Sensible	BTUH	17902	21104	24101	31304	49170	58479
THR	BTUH	21321	21372	32308	47005	67153	84175
72°F DB, 50%rh							
Total	BTUH	17106	21478	24865	33018	47636	58886
Sensible	BTUH	16033	19112	22054	28629	42109	53315
THR	BTUH	20523	21478	32544	46152	65724	82646
72°F DB, 45%rh							
Total	BTUH	17109	21261	24603	32596	47088	57848
Sensible	BTUH	17109	20125	23148	30987	47088	56725
THR	BTUH	20532	21261	32288	45741	65121	81574
Fan Section – Impeller Backward Curved Blower							
Standard Air Volume	CFM	750	950	1100	1400	2200	2500
Quantity of Fans		1	1	1	1	1	1
External Static Pressure	in	0.3	0.3	0.3	0.3	0.3	0.3
Total Fan Motor Power	Hp	0.8	0.8	0.8	0.8	3.3	3.3
Compressor - Refrigerant R410A, for self-contained model							
Quantity of Compressors		1	1	1	1	1	1
Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan							
Face Area	ft ²	2.06	2.06	2.06	2.57	6.25	6.25
Rows Deep		3	3	3	4	4	4
Fins per inch	fpi	12	12	12	12	12	12
Face Velocity	fpm	364	461	534	545	352	400
Refrigerant Charge (11AH**)	lbs	0.4	0.6	0.8			
Reheat Section – Electric Reheat - finned tubular type heater, -Optional							
Capacity @ 208V/1ph	kW	5	5	5	5		
Capacity @ 208V/ 3ph	kW	5	5	5	6	6	6

Capacity @ 230V	kW	6.1	6.1	6.1			
Capacity @ 277V	kW	8.9	8.9	8.9			
Self-contained		11GX15	11GX20	11GX25	11GX30	11GX40	11GX50
Split unit – requires glycol-cooled condensing unit		11AH15	11AH20	11AH25			

Humidifier - Electrode boiler type, -Optional

Steam Generation Capacity	Lb/hr	5	5	5	5	10	10
Humidifier Power	kW	1.7	1.7	1.7	1.7	3.4	3.4

Filter Section – Pleated disposable type

Quantity of Filters		1	1	1	1	2	2
Nominal Size	WxHxD in	20 x 24 x 4					

Piping Connection Size

Liquid Line	- ODM -in	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"
Suction Line (11AH**)	- ODM -in	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Humidifier Water	- ODM -in	1/4"	1/4"	1/4"	1/2"	5/8"	5/8"
Condensate Drain	- ODM -in	1/2"	1/2"	1/2"	1/4"	1/4"	1/4"
Glycol Solution	- OD -in	7/8"	7/8"	7/8"	1/2"	3/4"	3/4"

Physical Details

Width x Depth x Height	in	24 x 47 x 22		24 x 47 x 26 57 x 56 x 35			
Weight (11GX**)	lbs	196	200	210	254	535	550
Weight (11AH**)	lbs	135	135	135			

Glycol-cooled Remote Indoor Condensing Unit – (for use with 11AH**)

11GC15 11GC20 11GC25 11GX30

Compressor - Refrigerant R410A, Located in remote unit

Quantity of Compressors		1	1	1	1		
Type		Scroll	Scroll	Scroll	Scroll		

Condenser

Refrigerant Charge	lbs	1.5	1.75	1.9	2.1		
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Glycol Solution Requirement – 40% ethylene glycol (for self-contained units and remote indoor condensing units)

95°F EWT							
Flow Rate	GPM	2.3	3.1	4.1	7.8		
Unit Pressure Drop	ft-H ₂ O	4.2	6.5	7.2	10.9		
105°F EWT							
Flow Rate	GPM	3.0	3.5	5.0	9.0		
Unit Pressure Drop	ft-H ₂ O	6.5	7.2	8.8	11.8		

Glycol Solution Regulating Valve – 2 way, head pressure controlled

Size	in.	3/8"	1/2"	1/2"	3/4"		
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Piping Connection Size

Liquid Line	- ODM -in	3/8"	3/8"	3/8"	1/2"		
Suction Line	- ODM -in	5/8"	5/8"	5/8"	7/8"		
Glycol Solution	- OD -in	7/8"	7/8"	7/8"	1"		

Physical Details

Width x Depth x Height	in	40 x 14 x 26					
Weight	lbs	145	145	145	160		

Chilled Water System

Self-contained		11CW15	11CW20	11CW25	11CW30	11CW40	11CW50
Cooling Capacity - Rated at standard air volume, 45°F (7.2°C) entering water & 10°F (5.5°C) temperature rise							
80°F DB, 50%rh							
Total	BTUH	29483	32358	35748	47046	95480	103585
Sensible	BTUH	21966	24237	27276	34622	65585	72006
Flow Rate	GPM	5.9	6.7	7.4	10	19.6	21.2
Unit Pressure Drop	ft-H ₂ O	20.1	25.8	31.4	15.6	43.3	50.0
80°F DB, 45%rh							
Total	BTUH	27638	29855	33155	43122	87130	94973
Sensible	BTUH	22953	25094	28357	35775	66942	73813
Flow Rate	GPM	5.8	6.2	6.9	9.2	17.8	19.6
Unit Pressure Drop	ft-H ₂ O	19.2	22.2	27.4	14.2	36.2	43.2
75°F DB, 50%rh							
Total	BTUH	21802	23520	26119	33970	71147	77231
Sensible	BTUH	18722	20435	23060	29024	55778	61271
Flow Rate	GPM	4.6	5	5.5	7.4	14.7	16
Unit Pressure Drop	ft-H ₂ O	12.3	14.3	17.5	9.4	25.3	29.6
75°F DB, 45%rh							
Total	BTUH	20962	22732	25389	32532	66110	72184
Sensible	BTUH	19668	21484	24279	30478	57669	63679
Flow Rate	GPM	4.4	4.8	5.4	7.1	13.7	15
Unit Pressure Drop	ft-H ₂ O	11.2	13.4	16.7	8.7	22.2	26.2
72°F DB, 50%rh							
Total	BTUH	18089	19505	21723	27988	58374	63776
Sensible	BTUH	16784	18260	20576	25858	50042	55210
Flow Rate	GPM	3.9	4.2	4.6	6.2	12.1	13.3
Unit Pressure Drop	ft-H ₂ O	8.6	10.0	12.3	6.7	17.6	21.0
72°F DB, 45%rh							
Total	BTUH	15568	16763	18853	24470	56019	61512
Sensible	BTUH	15568	16763	18853	24470	52347	57855
Flow Rate	GPM	3.4	3.6	4.1	5.5	11.6	12.9
Unit Pressure Drop	ft-H ₂ O	6.5	7.5	9.5	5.4	16.3	19.8
Fan Section - Impeller Backward Curved Blower with EC Motor							
Standard Air Volume	CFM	750	950	1100	1400	2200	2500
Quantity of Fans		1	1	1	1	1	1
External Static Pressure	in	0.3	0.3	0.3	0.3	0.3	0.3
Total Fan Motor Power	KW	0.8	0.8	0.8	0.8	3.3	3.3
Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan							
Face Area	ft ²	2.06	2.06	2.06	2.57	6.25	6.25
Rows Deep		4	4	4	4	4	4
Fins per inch	fpi	12	12	12	12	12	12
Face Velocity	fpm	364	461	534	545	352	400

Reheat Section - Electric Reheat - finned tubular type heater, -Optional								
Capacity @ 208V/1ph	kW	5	5	5	5	5		
Capacity @ 208V/ 3ph	kW	5	5	5	5	6	6	6
Capacity @ 230V	kW	6.1	6.1	6.1	6.1			
Capacity @ 277V	kW	8.9	8.9	8.9	8.9			
Humidifier - Electrode boiler type, -Optional								
Steam Generation Capacity Lb/hr		5	5	5	5	5	10	10
Humidifier Power	kW	1.7	1.7	1.7	1.7	1.7	3.4	3.4
Filter Section - Pleated disposable type								
Quantity of Filters		1	1	1	1	1	2	2
Nominal Size	WxHxD in	20 x 20 x 1			20 x 24 x 4			
Piping Connection Size								
Chilled Water	- ODM -in	5/8"	5/8"	5/8"	5/8"	1 1/8"	1 1/8"	1 1/8"
Humidifier Water	- ODM -in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Condensate Drain	- ODM -in	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Chilled-water Valve - 2-Way modulating								
Valve Size	in.	1/2	1/2	1/2	1/2	1	1	1
Physical Details								
Width x Depth x Height	in	24 x 47 x 22			24 x 47 x 26 57 x 54 x 31			
Weight	lbs	145	145	145	145	185	450	450

Air Dual-cooling System

Split unit - (Requires air-cooled condenser)

11AD40 11AD50

Cooling Capacity - *Rated at standard air volume, and 95°F ambient temperature*

80°F DB, 50%rh

Total	BTUH	55229	68723
Sensible	BTUH	49101	57766
THR	BTUH	60431	75685

80°F DB, 45%rh

Total	BTUH	54315	67235
Sensible	BTUH	52726	62044
THR	BTUH	59449	74061

75°F DB, 50%rh

Total	BTUH	51262	63284
Sensible	BTUH	47107	55287
THR	BTUH	56396	70178

75°F DB, 45%rh

Total	BTUH	50136	61978
Sensible	BTUH	50055	59192
THR	BTUH	55270	68790

72°F DB, 50%rh

Total	BTUH	48842	60359
Sensible	BTUH	42386	53825
THR	BTUH	54078	67253

72°F DB, 45%rh

Total	BTUH	48029	59422
Sensible	BTUH	48029	57657
THR	BTUH	53163	66208

Cooling Capacity - Chilled-water - *Rated at standard air volume, 45°F entering water & 10°F water temperature rise*

80°F DB, 50%rh

Net Total	BTUH	95231	103165
Net Sensible	BTUH	65336	71586
Flow/Pressure Drop	GPM/ft-H ₂ O	19.6/43.3	21.2/50.0

80°F DB, 45%rh

Net Total	BTUH	86880	94704
Net Sensible	BTUH	66692	73544
Flow/Pressure Drop	GPM/ft-H ₂ O	17.8/36.2	19.6/43.2

75°F DB, 50%rh

Net Total	BTUH	70897	76957
Net Sensible	BTUH	55528	60997
Flow/Pressure Drop	GPM/ft-H ₂ O	14.7/25.3	16/29.6

75°F DB, 45%rh

Net Total	BTUH	65860	71911
Net Sensible	BTUH	57419	63406
Flow/Pressure Drop	GPM/ft-H ₂ O	13.7/22.2	15/26.2

72°F DB, 50%rh

Net Total	BTUH	58124	63503
Net Sensible	BTUH	49792	54937
Flow/Pressure Drop	GPM/ft-H ₂ O	12.1/17.6	13.3/21.0

72°F DB, 45%rh

Net Total	BTUH	55774	61239
Net Sensible	BTUH	52102	57582
Flow/Pressure Drop	GPM/ft-H ₂ O	11.6/16.3	12.9/19.8

Fan Section – Impeller Backward Curved Blower with EC Motor

Standard Air Volume	CFM	2200	2500
Quantity of Fans		1	1
External Static Pressure	in	0.3	0.3
Total Fan Motor Power	KW	3.3	3.3

Compressor - Refrigerant R410A, for self-contained model

Quantity of Compressors		1	1
Type		Scroll	Scroll

Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan

Face Area	ft ²	6.25	6.25
Rows Deep		4	4
Fins per inch	fpi	12	12
Face Velocity	fpm	352	400
Refrigerant Charge	lbs	3.9	3.9

Reheat Section – Electric Reheat - finned tubular type heater, -Optional

Capacity	kW	6	6
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Humidifier - Electrode boiler type, -Optional

Steam Generation Capacity Lb/hr		10	10
Humidifier Power	kW	3.4	3.4

Filter Section - Pleated disposable type

Quantity of Filters		2	2
Nominal Size	WxHxD in	20 x 24 x 4	

Chilled-water Valve - 2-Way modulating

Valve Size	in.	1	1
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Piping Connection Size

Liquid Line	- ODM -in	1/2"	1/2"
Hot Gas Line	- ODM -in	7/8"	7/8"
Chilled Water	- ODM -in	1 1/8"	1 1/8"
Humidifier Water	- ODM -in	1/4"	1/4"
Condensate Drain	- ODM -in	1/2"	1/2"

Physical Details

Width x Depth x Height	in	57 x 54 x 32	
Weight	lbs	490	490

Matching Air-Cooled Condenser –Selected at 95°F ambient temperature

Model	in	KS11-065-1	KS11-078-1
Width x Depth x Height	lbs	51 x 30 x 44	51 x 30 x 44
Weight		170	177

Water Dual-cooling System

Self-contained		11WD40	11WD50
Cooling Capacity - Rated at standard air volume			
80°F DB, 50%rh			
Total	BTUH	59957	74196
Sensible	BTUH	50984	59919
THR	BTUH	72657	90975
80°F DB, 45%rh			
Total	BTUH	58552	72667
Sensible	BTUH	54740	64303
THR	BTUH	71244	89437
75°F DB, 50%rh			
Total	BTUH	55297	68752
Sensible	BTUH	48832	57698
THR	BTUH	68064	85611
75°F DB, 45%rh			
Total	BTUH	54244	67382
Sensible	BTUH	52193	61605
THR	BTUH	66998	84229
72°F DB, 50%rh			
Total	BTUH	52720	65770
Sensible	BTUH	47535	56318
THR	BTUH	65519	82642
72°F DB, 45%rh			
Total	BTUH	51835	64317
Sensible	BTUH	50630	59940
THR	BTUH	64634	81174
Cooling Capacity - Chilled-water - Rated at standard air volume, 45°F entering water & 10°F water temperature rise			
80°F DB, 50%rh			
Net Total	BTUH	95231	103165
Net Sensible	BTUH	65336	71586
Flow/Pressure Drop	GPM/ft-H ₂ O	19.6/43.3	21.2/50.0
80°F DB, 45%rh			
Net Total	BTUH	86880	94704
Net Sensible	BTUH	66692	73544
Flow/Pressure Drop	GPM/ft-H ₂ O	17.8/36.2	19.6/43.2
75°F DB, 50%rh			
Net Total	BTUH	70897	76957
Net Sensible	BTUH	55528	60997
Flow/Pressure Drop	GPM/ft-H ₂ O	14.7/25.3	16/29.6
75°F DB, 45%rh			
Net Total	BTUH	65860	71911
Net Sensible	BTUH	57419	63406
Flow/Pressure Drop	GPM/ft-H ₂ O	13.7/22.2	15/26.2

72°F DB, 50%rh

Net Total	BTUH	58124	63503
Net Sensible	BTUH	49792	54937
Flow/Pressure Drop	GPM/ft-H ₂ O	12.1/17.6	13.3/21.0

72°F DB, 45%rh

Net Total	BTUH	55774	61239
Net Sensible	BTUH	52102	57582
Flow/Pressure Drop	GPM/ft-H ₂ O	11.6/16.3	12.9/19.8

Fan Section - Impeller Backward Curved Blower with EC Motor

Standard Air Volume	CFM	2200	2500
Quantity of Fans		1	1
External Static Pressure	in	0.3	0.3
Total Fan Motor Power	KW	1.6	1.6

Compressor - Refrigerant R410A, for self-contained model

Quantity of Compressors		1	1
Type		Scroll	Scroll

Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan

Face Area	ft ²	6.25	6.25
Rows Deep		4	4
Fins per inch	fpi	12	12
Face Velocity	fpm	352	400

Reheat Section - Electric Reheat - finned tubular type heater, -Optional

Capacity	kW	6	6
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Humidifier - Electrode boiler type, -Optional

Steam Generation Capacity Lb/hr		10	10
Humidifier Power	kW	3.4	3.4

Filter Section - Pleated disposable type

Quantity of Filters		2	2
Nominal Size	WxHxD in	20 x 24 x 4	

Condensing Water Requirement (for self-contained units)

75°F EWT

Flow Rate	GPM	12.6	14.3
Unit Pressure Drop	ft-H ₂ O	9.7	11.6

85°F EWT

Flow Rate	GPM	13.1	14.9
Unit Pressure Drop	ft-H ₂ O	10.2	12.2

Water Regulating Valve - 2-way, head pressure controlled

Size	in.	1	1
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Chilled-water Valve - 2-way modulating

Size	in.	1	1
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Piping Connection Size

Liquid Line	- ODM -in	1/2"	1/2"
Hot Gas Line	- ODM -in	7/8"	7/8"
Condensing Water	- ODM -in	1 1/8"	1 1/8"
Chilled Water	- ODM -in	1 1/8"	1 1/8"
Humidifier Water	- ODM -in	1/4"	1/4"
Condensate Drain	- ODM -in	1/2"	1/2"

Physical Details

Width x Depth x Height	in	57 x 54 x 32	
Weight	lbs	540	540

Glycol Dual-cooling System

Self-contained	11GD40	11GD50
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Cooling Capacity - Rated at standard air volume**80°F DB, 50%rh**

Total	BTUH	54333	66587
Sensible	BTUH	48759	56909
THR	BTUH	72742	90769

80°F DB, 45%rh

Total	BTUH	52868	65064
Sensible	BTUH	52026	61141
THR	BTUH	71265	89209

75°F DB, 50%rh

Total	BTUH	49735	61454
Sensible	BTUH	42854	54488
THR	BTUH	68301	85742

75°F DB, 45%rh

Total	BTUH	48920	60239
Sensible	BTUH	48920	58205
THR	BTUH	67402	84448

72°F DB, 50%rh

Total	BTUH	47387	58623
Sensible	BTUH	41860	53052
THR	BTUH	65973	82909

72°F DB, 45%rh

Total	BTUH	46838	57574
Sensible	BTUH	46838	56451
THR	BTUH	65370	81847

Cooling Capacity - Chilled-water - Rated at standard air volume, 45°F entering water & 10°F water temperature rise**80°F DB, 50%rh**

Net Total	BTUH	95231	103165
Net Sensible	BTUH	65336	71586
Flow/Pressure Drop	GPM/ft-H ₂ O	19.6/43.3	21.2/50.0

80°F DB, 45%rh

Net Total	BTUH	86880	94704
Net Sensible	BTUH	66692	73544
Flow/Pressure Drop	GPM/ft-H ₂ O	17.8/36.2	19.6/43.2

75°F DB, 50%rh

Net Total	BTUH	70897	76957
Net Sensible	BTUH	55528	60997
Flow/Pressure Drop	GPM/ft-H ₂ O	14.7/25.3	16/29.6

75°F DB, 45%rh

Net Total	BTUH	65860	71911
Net Sensible	BTUH	57419	63406
Flow/Pressure Drop	GPM/ft-H ₂ O	13.7/22.2	15/26.2

72°F DB, 50%rh

Net Total	BTUH	58124	63503
Net Sensible	BTUH	49792	54937
Flow/Pressure Drop	GPM/ft-H ₂ O	12.1/17.6	13.3/21.0

72°F DB, 45%rh

Net Total	BTUH	55774	61239
Net Sensible	BTUH	52102	57582
Flow/Pressure Drop	GPM/ft-H ₂ O	11.6/16.3	12.9/19.8

Fan Section - Impeller Backward Curved Blower with EC Motor

Standard Air Volume	CFM	2200	2500
Quantity of Fans		1	1
External Static Pressure	in	0.3	0.3
Total Fan Motor Power	KW	3.3	3.3

Compressor - Refrigerant R410A, for self-contained model

Quantity of Compressors		1	1
Type		Scroll	Scroll

Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan

Face Area	ft ²	6.25	6.25
Rows Deep		4	4
Fins per inch	fpi	12	12
Face Velocity	fpm	352	400

Reheat Section - Electric Reheat - finned tubular type heater, -Optional

Capacity	kW	6	6
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Humidifier - Electrode boiler type, -Optional

Steam Generation Capacity Lb/hr		10	10
Humidifier Power	kW	3.4	3.4

Filter Section - Pleated disposable type

Quantity of Filters		2	2
Nominal Size	WxHxD in	20 x 24 x 4	

Condensing Glycol Requirement – 40% ethylene glycol (for self-contained units)

95°F EWT			
Flow Rate	GPM	12.4	14.1
Unit Pressure Drop	ft-H ₂ O	9.5	11.3
105°F EWT			
Flow Rate	GPM	14.5	16.3
Unit Pressure Drop	ft-H ₂ O	10.6	12.5

Glycol Regulating Valve - 2-way, head pressure controlled

Size	in.	1	1
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Chilled-water Valve - 2-way modulating

Size	in.	1	1
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Piping Connection Size

Liquid Line	- ODM -in	1/2"	1/2"
Hot Gas Line	- ODM -in	7/8"	7/8"
Glycol Solution	- ODM -in	1 1/8"	1 1/8"
Chilled Water	- ODM -in	1 1/8"	1 1/8"
Humidifier Water	- ODM -in	1/4"	1/4"
Condensate Drain	- ODM -in	1/2"	1/2"

Physical Details

Width x Depth x Height	in	57 x 54 x 32	
Weight	lbs	540	540

Glycol Free-cooling System

Self-contained	11FD40	11FD50
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Cooling Capacity - Direct Expansion - Rated at standard air volume**80°F DB, 50%rh**

Total	BTUH	54333	66587
Sensible	BTUH	48759	56909
THR	BTUH	72742	90769

80°F DB,45%rh

Total	BTUH	52868	65064
Sensible	BTUH	52026	61141
THR	BTUH	71265	89209

75°F DB, 50%rh

Total	BTUH	49735	61454
Sensible	BTUH	42854	54488
THR	BTUH	68301	85742

75°F DB, 45%rh

Total	BTUH	48920	60239
Sensible	BTUH	48920	58205
THR	BTUH	67402	84448

72°F DB, 50%rh

Total	BTUH	47387	58623
Sensible	BTUH	41860	53052
THR	BTUH	65973	82909

72°F DB, 45%rh

Total	BTUH	46838	57574
Sensible	BTUH	46838	56451
THR	BTUH	65370	81847

Cooling Capacity - 100% Free-cooling - Rated at standard air volume, 45°F entering glycol

80°F DB, 50%rh

Net Total	BTUH	76686	84479
Net Sensible	BTUH	51951	57542
Flow/Pressure Drop	GPM/ft-H ₂ O	25.7/76.9	28.4/92.5

80°F DB, 45%rh

Net Total	BTUH	67897	74979
Net Sensible	BTUH	52444	58156
Flow/Pressure Drop	GPM/ft-H ₂ O	22.8/ 62.1	25.4/75.3

75°F DB, 50%rh

Net Total	BTUH	55510	61323
Net Sensible	BTUH	44033	48811
Flow/Pressure Drop	GPM/ft-H ₂ O	20.3/50.2	22.6/61.0

75°F DB, 45%rh

Net Total	BTUH	49797	55125
Net Sensible	BTUH	45235	50251
Flow/Pressure Drop	GPM/ft-H ₂ O	18.2/41.6	20.4/50.8

72°F DB, 50%rh

Net Total	BTUH	43098	47826
Net Sensible	BTUH	38993	43321
Flow/Pressure Drop	GPM/ft-H ₂ O	15.9/32.5	17.9/40.0

72°F DB, 45%rh

Net Total	BTUH	40236	44760
Net Sensible	BTUH	40236	44760
Flow/Pressure Drop	GPM/ft-H ₂ O	14.9/28.9	16.8/35.7

Fan Section - Impeller Backward Curved Blower with EC Motor

Standard Air Volume	CFM	2200	2500
Quantity of Fans		1	1
External Static Pressure	in	0.3	0.3
Total Fan Motor Power	KW	3.3	3.3

Compressor - Refrigerant R410A, for self-contained model

Quantity of Compressors		1	1
Type		Scroll	Scroll

Evaporator Coil - Copper tube /lanced aluminium fin - Stainless steel drain pan

Face Area	ft ²	6.25	6.25
Rows Deep		4	4
Fins per inch	fpi	12	12
Face Velocity	fpm	352	400

Reheat Section - Electric Reheat - finned tubular type heater, -Optional

Capacity	kW	6	6
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Humidifier - Electrode boiler type, -Optional

Steam Generation Capacity Lb/hr		10	10
Humidifier Power	kW	3.4	3.4

Filter Section - Pleated disposable type

Quantity of Filters		2	2
Nominal Size	WxHxD in	20 x 24 x 4	

Condensing Glycol Requirement - 40% ethylene glycol (for self-contained units)

75°F EWT			
Flow Rate	GPM	12.4	14.1
Unit Pressure Drop	ft-H ₂ O	9.5	11.3
85°F EWT			
Flow Rate	GPM	14.5	16.3
Unit Pressure Drop	ft-H ₂ O	10.6	12.5

Glycol Solution Regulating Valve - 3-way, head pressure controlled

Size	in.	1	1
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Glycol Solution Free-cooling Valve - 3-way modulating

Size	in.	1	1
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Piping Connection Size

Liquid Line	- ODM -in	1/2"	1/2"
Hot Gas Line	- ODM -in	7/8"	7/8"
Glycol Solution	- ODM -in	1 1/8"	1 1/8"
Chilled Water	- ODM -in	1 1/8"	1 1/8"
Humidifier Water	- ODM -in	1/4"	1/4"
Condensate Drain	- ODM -in	1/2"	1/2"

Physical Details

Width x Depth x Height	in	57 x 54 x 32	
Weight	lbs	540	540

Electrical Data - 208Volts/1 Phase/60 Hertz (with standard thermostat)

Indoor Units with Compressor *

Model	11AX15			11AX20			11AX25		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	41	49.3	60	45.5	54.9	60	44.9	54.1	60
None	17	19.2	25	21.5	24.8	35	20.8	24	35

Model	11WX/GX/DX15			11WX/GX/DX20			11WX/GX/DX25		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	37	45.5	50	41.5	50.9	60	40.9	50.1	60
None	13	15.2	20	17.5	20.8	30	16.8	20	30

Model	11WX/GX/DX30		
	FLA	MCA	MFS
Electric	44.7	54.9	60
None	20.7	24.8	40

208Volts/3 Phase/60 Hertz

Model	11WX/GX/DX30			11WX/GX/DX40			11WX/GX/DX50		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	34.2	41.7	50	40.9	48.7	50	45.7	54.7	60
None	14.4	17.1	25	24.3	27.9	40	29	33.8	50

460Volts/3 Phase/60 Hertz

Model	11WX/GX/DX30			11WX/GX/DX40			11WX/GX/DX50		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	15.5	18.8	20	19.2	22.6	25	21.5	25.6	30
None	8.0	9.4	15	11.6	13.2	15	14	16.2	20

575Volts/3 Phase/60 Hertz

Model	11WX/GX/DX40			11WX/GX/DX50		
	FLA	MCA	MFS	FLA	MCA	MFS
Electric	17.4	24.0	25	18.2	21.4	25
None	11.3	12.8	15	12.2	13.9	20

Indoor Units without Compressor ***208Volts/1 Phase/60 Hertz**

<i>Model</i>	<i>11AH/CW15</i>			<i>11AH/CW20</i>			<i>11AH/CW25</i>		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	28	35	40	28	35	40	28	35	40
None	4.0	5.0	15	4.0	5.0	15	4.0	5.0	15

<i>Model</i>	<i>11AH/CW30</i>		
Reheat Option	FLA	MCA	MFS
Electric	28	35	40
None	4.0	5.0	15

208Volts/3 Phase/60 Hertz

<i>Model</i>	<i>11CW30</i>			<i>11CW40</i>			<i>11CW50</i>		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	19.4	23.5	25	26.0	31.8	35	26.0	31.8	35
None	2.8	3.5	15	9.4	11.0	15	9.4	11.0	15

460Volts/3 Phase/60 Hertz

<i>Model</i>	<i>11CW30</i>			<i>11CW40</i>			<i>11CW50</i>		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric	9.1	11.0	15	13.1	16.0	20	13.1	16.0	20
None	1.5	1.6	15	5.6	6.6	15	5.6	6.6	15

575Volts/3 Phase/60 Hertz

<i>Model</i>	<i>11CW40</i>			<i>11CW50</i>		
	FLA	MCA	MFS	FLA	MCA	MFS
Electric	9.7	11.9	15	9.7	11.9	15
None	3.8	4.4	15	3.8	4.4	15

Condensing Unit ***208Volts/1 Phase/60 Hertz**

<i>Model</i>	<i>11RU/AC/WC/GC15</i>			<i>11RU/AC/WC/GC20</i>			<i>11RU/AC/WC/GC25</i>		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Air-Cooled (11RU...)	11.8	14.0	20	16.8	21.0	35	16.1	20.0	30
Air-Cooled (11AC...)	11.3	14.0	20	16.3	20.0	35	15.6	19.0	30
Water-Cooled (11W...)	10.0	13.0	20	15.0	19.0	30	14.3	18.0	30
Glycol-Cooled (11G...)	10.0	13.0	20	15.0	19.0	30	14.3	18.0	30

<i>Model</i>	<i>11WC/GC30</i>		
	FLA	MCA	MFS
Air-Cooled (11AC...)	21.4	26.0	40
Water-Cooled (11W...)	18.6	23.0	40
Glycol-Cooled (11G...)	18.6	23.0	40

Condenser *

<i>Model</i>	<i>11RC/AR15</i>			<i>11RC/AR20</i>			<i>11RC/AR25</i>		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Air cooled (11RC...)	1.8	2.2	15	1.8	2.2	15	1.8	2.2	15
Air cooled (11AR...)	1.3	1.6	15	1.3	1.6	15	1.3	1.6	15

* FLA is based on full load current of individual components that result in maximum electrical load condition during normal operation.
 FLA = Full Load Amps, MCA = Minimum Circuit Ampacity, MFS = Maximum Fuse Size

Electrical Data - 208Volts/1 Phase/60 Hertz *(with M52 Controller Option)*

Indoor Units with Compressor *

Model	11AX15			11AX20			11AX25		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	41	49.3	60	45.5	54.9	60	44.9	54.1	60
Electric / None	41	49.3	60	45.5	54.9	60	44.9	54.1	60
None / Boiler	25.1	29.4	35	29.6	35.0	45	29.0	34.3	45
None / None	17.0	19.2	25	21.5	24.8	35	20.8	24	35

Reheat Option / Humidifier Option	11WX/GX/DX15			11WX/GX/DX20			11WX/GX/DX25		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	37.0	45.5	50	41.5	50.9	60	40.9	50.1	60
Electric / None	37.0	45.5	50	41.5	50.9	60	40.9	50.1	60
None / Boiler	21.1	25.4	30	25.6	31.0	40	25.0	30.2	40
None / None	13.0	15.2	20	17.5	20.8	30	16.8	20.0	30

Reheat Option / Humidifier Option	11WX/GX/DX30		
	FLA	MCA	MFS
Electric / Boiler	44.7	54.9	60
Electric / None	44.7	54.9	60
None / Boiler	28.8	35.5	45
None / None	20.7	24.8	40

208Volts/3 Phase/60 Hertz

Model	11WX/GX/DX30			11WX/GX/DX40			11WX/GX/DX50		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	31.1	37.9	40	40.9	48.7	50	45.7	54.7	60
Electric / None	34.2	41.7	50	40.9	48.7	50	45.7	54.7	60
None / Boiler	22.6	27.3	35	40.6	48.3	50	45.4	54.3	60
None / None	14.4	17.1	25	24.3	27.9	40	29.0	33.8	50

460Volts/3 Phase/60 Hertz

Model	11WX/GX/DX30			11WX/GX/DX40			11WX/GX/DX50		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	15.5	18.8	20	19.2	22.6	25	21.5	25.6	30
Electric / None	15.5	18.8	20	19.2	22.6	25	21.5	25.6	30
None / Boiler	11.6	14.0	20	19.0	22.5	25	21.4	25.4	30
None / None	8.0	9.4	15	11.6	13.2	15	14.0	16.2	20

575Volts/3 Phase/60 Hertz

Model	11WX/GX/DX40			11WX/GX/DX50		
	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	17.4	20.4	25	18.2	21.4	25
Electric / None	17.4	20.4	25	18.2	21.4	25
None / Boiler	17.2	20.2	25	18.1	21.3	25
None / None	11.3	12.8	15	12.2	13.9	20

208Volts/1 Phase/60 Hertz

Indoor Units without Compressor *

Model	11AH/CW15			11AH/CW20			11AH/CW25			11CW30		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	36.2	44.3	50	36.2	44.3	50	36.2	44.3	50	36.2	44.3	50
Electric / None	28.0	35.0	40	28.0	35.0	40	28.0	35.0	40	28.0	35.0	40
None / Boiler	12.2	15.2	20	12.2	15.2	20	12.2	15.2	20	12.2	15.2	20
None / None	4.0	5.0	15	4.0	5.0	15	4.0	5.0	15	4.0	5.0	15

208Volts/3 Phase/60 Hertz

Model	11AH/CW30			11CW40			11CW50		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Electric / Boiler	28.8	36.0	40	42.8	53.5	60	42.8	53.5	60
Electric / None	20.7	25.8	30	26.5	33.1	35	26.5	33.1	35
None / Boiler	12.2	15.2	20	26.1	32.7	35	26.1	32.7	35
None / None	4.0	5.0	15	9.8	12.3	20	9.8	12.3	20

460Volts/3 Phase/60 Hertz

Model	11CW30			11CW40			11CW50		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Reheat Option / Humidifier Option									
Electric / Boiler	13.4	16.7	20	20.2	25.3	30	20.2	25.3	30
Electric / None	9.7	12.1	15	12.8	16.0	20	12.8	16.0	20
None / Boiler	5.9	7.3	15	12.7	15.9	20	12.7	15.9	20
None / None	2.2	2.7	15	5.3	6.6	15	5.3	6.6	15

575Volts/3 Phase/60 Hertz

Model	11CW40			11CW50		
	FLA	MCA	MFS	FLA	MCA	MFS
Reheat Option / Humidifier Option						
Electric / Boiler	17.2	21.5	25	17.2	21.5	25
Electric / None	11.3	14.2	15	11.3	14.2	15
None / Boiler	11.2	14.0	15	11.2	14.0	15
None / None	5.5	6.6	15	5.5	6.6	15

Dual / Free Cooling - 208Volts/3 Phase/60 Hertz

Indoor Units with Compressor *

Model	11AD/WD/GD/FD40			11AD/WD/GD/FD50		
	FLA	MCA	MFS	FLA	MCA	MFS
Reheat Option / Humidifier Option						
Electric / Boiler	40.9	48.7	50	45.7	54.7	60
Electric / None	40.9	48.7	50	45.7	48.7	60
None / Boiler	40.6	48.3	50	45.4	54.3	60
None / None	24.3	27.9	40	29.0	33.8	50

Dual / Free Cooling - 460Volts/3 Phase/60 Hertz

Model	11AD/WD/GD/FD40			11AD/WD/GD/FD50		
	FLA	MCA	MFS	FLA	MCA	MFS
Reheat Option / Humidifier Option						
Electric / Boiler	19.2	22.6	25	21.5	25.6	30
Electric / None	19.2	22.6	25	21.5	25.6	30
None / Boiler	19.0	22.5	25	21.4	25.4	30
None / None	11.6	13.2	15	14.0	16.2	20

Dual / Free Cooling - 575Volts/3 Phase/60 Hertz

Model	11AD/WD/GD/FD40			11AD/WD/GD/FD50		
	FLA	MCA	MFS	FLA	MCA	MFS
Reheat Option / Humidifier Option						
Electric / Boiler	17.4	20.4	25	18.2	21.4	25
Electric / None	17.4	20.4	25	18.2	21.4	25
None / Boiler	17.2	20.2	25	18.1	21.3	25
None / None	11.3	12.8	15	12.2	13.9	20

208Volts/1 Phase/60 Hertz

Condensing Unit *

Model	11RU/AC/WC/GC15			11RU/AC/WC/GC20			11RU/AC/WC/GC25		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Air-Cooled (11RU...)	11.8	14.0	20	16.8	21.0	35	16.1	20.0	30
Air-Cooled (11AC...)	11.3	14.0	20	16.3	20.0	35	15.6	19.0	30
Water-Cooled (11W...)	10.0	13.0	20	15.0	19.0	30	14.3	18.0	30
Glycol-Cooled (11G...)	10.0	13.0	20	15.0	19.0	30	14.3	18.0	30

Model	11WC/GC30		
	FLA	MCA	MFS
Water-Cooled (11W...)	18.6	23.0	40
Glycol-Cooled (11G...)	18.6	23.0	40

Condenser *

Model	11RC/AR15			11RC/AR20			11RC/AR25		
	FLA	MCA	MFS	FLA	MCA	MFS	FLA	MCA	MFS
Air cooled (11RC...)	1.8	2.2	15	1.8	2.2	15	1.8	2.2	15
Air cooled (11AR...)	1.3	1.6	15	1.3	1.6	15	1.3	1.6	15

* FLA is based on full load current of individual components that result in maximum electrical load condition during normal operation.
 FLA = Full Load Amps, MCA = Minimum Circuit Ampacity, MFS = Maximum Fuse Size