

TROPICALIZED LOW NOISE CONDENSING UNIT WITH SINGLE SCROLL COMPRESSOR

R449A (XP40)

Model	IR Code	Amb. temp.	EVAPORATING TEMPERATURE °C - COOLING CAPACITY W						N° fans	Dimensions (mm)			Noise Level dB/A(1)	Piping		Receiver (l)	Weight (Kg)	Max abs. Curr. 400/3/50
			-15	-20	-25	-30	-35	-40		A	B	H		liquid	Suct.			
HULS-ZF06-135X-T	USB.135	32	2.955	2.455	2.040	1.635	1.310	1.020	1 X 350	1005	530	590	34	10	16	2,3	80	5,4
		38	2.745	2.295	1.890	1.540	1.235	960										
		43	2.560	2.150	1.780	1.460	1.150	885										
HULS-ZF08-145X-T	USB.145	32	3.670	3.070	2.540	2.030	1.610	1.250	1 X 450	1005	530	590	37	10	16	4,2	80	6,6
		38	3.365	2.825	2.305	1.885	1.500	1.180										
		43	3.130	2.590	2.110	1.710	1.390	1.130										
HULS-ZF09-145X-T	USB.145	32	4.000	3.350	2.750	2.220	1.770	1.380	1 X 450	1005	530	590	37	10	22	4,2	80	6,6
		38	3.735	3.105	2.555	2.075	1.660	1.295										
		43	3.460	2.885	2.375	1.935	1.550	1.200										
HULS-ZF11-145X-T	USZ.145	32	4.775	4.020	3.355	2.740	2.195	1.720	1 X 450	1100	530	590	37	10	22	4,2	90	7,7
		38	4.355	3.690	3.095	2.535	2.030	1.590										
		43		3.450	2.860	2.340	1.880	1.450										
HULS-ZF13-150X-T	USZ.150	32	5.580	4.680	3.875	3.125	2.510	1.950	1 X 500	1100	580	590	39	12	22	4,2	100	9,0
		38	5.075	4.270	3.555	2.885	2.315	1.825										
		43		3.990	3.220	2.675	2.170	1.730										
HULS-ZF15-150X-T	USJ.150	32	6.820	5.730	4.750	3.835	3.045	2.410	1 X 500	1100	530	860	39	12	22	6,6	120	11,0
		38	6.225	5.250	4.320	3.550	2.825	2.205										
		43		4.930	3.990	3.250	2.600	2.030										
HULS-ZF18-245X-T	USF.245	32	8.415	6.965	5.780	4.670	3.700	2.840	2 X 450	1005	530	1140	41	14	28	10	150	13,6
		38	7.645	6.425	5.260	4.230	3.320	2.500										
		43		5.940	4.850	3.885	3.015	2.220										
HULS-ZF25-245X-T	USF.245	32	10.270	8.580	7.105	5.740	4.630	3.625	2 X 450	1005	530	1140	42	14	28	10	150	17,1
		38	9.415	7.905	6.570	5.320	4.245	3.360										
		43		7.440	6.010	4.955	3.955	3.085										
HULS-ZF34-250X-T	USL.250	32	13.100	11.100	9.200	7.505	5.935	4.630	2 X 500	1250	820	1210	42	14	35	10	175	27,0
		38	12.150	10.190	8.475	6.840	5.485	4.210										
		43			7.970	6.340	5.100	3.910										
HULS-ZF41-250X-T	USK.250	32	16.100	13.720	11.400	9.315	7.420	5.860	2 X 500	1250	770	1710	42	16	35	19	210	31,0
		38	14.850	12.550	10.445	8.610	6.875	5.365										
		43			9.820	7.870	6.405	4.995										
HULS-ZF49-350X-T	USK.350	32	20.060	16.770	13.870	11.320	9.010	7.040	3 X 500	1250	770	1710	44	18	35	19	220	33,0
		38	18.340	15.390	12.800	10.300	8.330	6.510										
		43			11.800	9.560	7.620	5.955										

Suction Gas Return :20°C ; Usefull Superheat:100% ; Subcooling:0K

Standard equipment:

- Powder coated steel case with acoustically lined casework (RAL 7035 orange peel finish)
- Single Scroll Copeland compressor with:
 - Suction valve
 - Crankcase heater
 - Discharge valve
- Condenser coil, in copper tube and aluminum fins
- EBM axial fan with six poles and external rotor motor
- Liquid Receiver with rotalock valve and safety relief valve
- Liquid line with filter drier, sight glass with moisture indicator and maintenance valve
- Suction line
- Terminal Box cabled
- Dual pressure switch PED with automatic reset
- Brazed connection to liquid and suction line
- Nitrogen-pressurized

Accessories:

- External Instruments
- Oil Separator
- Control Panel cabled
- Coil with special treatment
- Dual pressure switch PED with manual reset
- Fan speed control based on condenser pressure
- Soundproof jackets for socompressor
- Package
- HP/LP Gauges
- Solenoid Valve



TROPICALIZED LOW NOISE CONDENSING UNIT WITH DOUBLE SCROLL COMPRESSORS

R449A (XP40)

Model	IR Code	Amb. temp.	EVAPORATING TEMPERATURE °C - COOLING CAPACITY W						N° fans	Dimensions (mm)			Noise Level dB/A(1)	Piping		Receiver (l)	Weight (Kg)	Max abs. Curr. 400/3/50
			-15	-20	-25	-30	-35	-40		A	B	H		liquid	Suct.			
HULS-2XZF06-245X-T	USL.245	32	5.975	4.960	4.080	3.300	2.640	2.060	2 X 450	1250	770	1210	39	14	22	10	160	11,1
		35	5.560	4.645	3.820	3.115	2.500	1.920										
		43	5.190	4.360	3.600	2.955	2.330	1.800										
HULS-2XZF08-245X-T	USL.245	32	7.520	6.210	5.140	4.105	3.245	2.500	2 X 450	1250	770	1210	40	14	22	10	160	13,1
		35	6.940	5.730	4.680	3.820	3.000	2.380										
		43	6.380	5.275	4.300	3.480	2.820	2.280										
HULS-2XZF09-245X-T	USL.245	32	8.000	6.700	5.500	4.440	3.540	2.760	2 X 450	1250	770	1210	40	14	22	10	160	13,1
		35	7.360	6.210	5.105	4.145	3.320	2.560										
		43	6.800	5.765	4.750	3.865	3.060	2.400										
HULS-2XZF11-245X-T	USL.245	32	9.550	8.040	6.710	5.475	4.390	3.440	2 X 450	1250	770	1210	40	14	28	10	165	15,3
		35	8.710	7.380	6.190	5.065	4.060	3.180										
		43		6.900	5.720	4.680	3.755	2.900										
HULS-2XZF13-250X-T	USL.250	32	11.155	9.360	7.750	6.250	5.020	3.900	2 X 500	1250	820	1210	42	14	28	10	185	18,0
		35	10.145	8.540	7.110	5.770	4.630	3.650										
		43		7.980	6.440	5.350	4.340	3.460										
HULS-2XZF15-250X-T	USK.250	32	13.640	11.460	9.500	7.670	6.160	4.820	2 X 500	1250	770	1710	42	16	35	19	225	22,0
		35	12.450	10.500	8.765	7.095	5.650	4.405										
		43		9.860	7.980	6.500	5.270	4.120										
HULS-2XZF18-350X-T	USK.350	32	16.400	13.755	11.415	9.220	7.300	5.590	3 X 500	1250	770	1710	44	18	35	19	235	28,0
		35	15.060	12.660	10.360	8.460	6.640	5.000										
		43	14.360	11.680	9.530	7.620	5.890	4.315										
HULS-2XZF25-350X-T	USK.350	32	19.965	16.940	14.035	11.340	9.155	7.160	3 X 500	1250	770	1710	45	18	42	19	230	35,0
		35	18.545	15.580	12.960	10.500	8.490	6.630										
		43			12.020	9.755	7.795	6.170										
HULS-2XZF34-450X-T	UST.450	32	27.280	22.800	18.865	15.380	12.160	9.380	4 X 500	1995	1020	1210	45	22	54	19	355	53,9
		35	25.060	20.995	17.440	14.260	11.270	8.660										
		43		19.760	16.195	13.080	10.505	8.060										
HULS-2XZF41-450X-T	UST.450	32	32.200	27.060	22.800	18.405	14.840	11.720	4 X 500	1995	1020	1210	46	22	54	19	355	61,9
		35	29.700	24.700	20.580	16.980	13.750	10.725										
		43			19.640	15.740	12.615	9.985										
HULS-2XZF49-450X-T	USE.450	32	41.240	34.440	28.420	22.920	18.240	14.255	4 X 500	1995	1020	1210	47	22	54	24,5	390	63,9
		35	37.840	31.700	26.320	21.200	16.890	13.200										
		43	36.100	29.400	24.400	19.710	15.720	12.280										

Suction Gas Return :20°C ; Usefull Superheat:100% ; Subcooling:0K

Standard equipment:

- Self-supporting metal sheet casing varnished with epoxy powder (RAL 7035)
- Easy to open side panels for internal inspection
- Acoustic insulation with pyramidal soundproofing
- Two Copeland Scroll Compressors in tandem connection each equipped with :
 - Rotolock valve on suction and discharge side
 - Crankcase heaters
 - HP pressure switch manual reset (IV PED)
- Curved condenser made of copper tube and aluminum fins
- EBM axial fan with six poles and external rotor motor
- Condenser fan speed variator
- Oil separator and standard Oil management system
- Liquid receiver with outlet shut-off valve and pressure relief valve
- Liquid line with drier filter, sight-glass and valve
- Dual pressure switch with automatic reset
- Built-in Electrical control panel with
 - Compressor and fans protection
 - Carel/Dixell Electronic Control
 - Backup System
- LP transducer
- Nitrogen-pressurized

Accessories:

- External Instruments
- Electronic Oil Managment
- Desupeheater
- EC Fans
- Coil with special treatment
- Dual pressure switch PED with manual reset
- Soundproof jackets for compressors
- HP / LP Gauges



TROPICALIZED LOW NOISE CONDENSING UNIT WITH THREE SCROLL COMPRESSORS

R449A (XP40)

Model	IR Code	Amb. temp.	EVAPORATING TEMPERATURE °C - COOLING CAPACITY W					
			-15	-20	-25	-30	-35	-40
HULS-3XZF06-250X-T	USKL.250	32	8.960	7.440	6.115	4.945	3.960	3.060
		38	8.335	6.970	5.730	4.670	3.705	2.880
		43	7.670	6.535	5.330	4.380	3.495	2.655
HULS-3XZF08-250X-T	USKL.250	32	11.145	9.315	7.615	6.090	4.820	3.750
		38	10.260	8.595	7.015	5.650	4.500	3.570
		43	9.390	7.910	6.450	5.220	4.230	3.390
HULS-3XZF09-250X-T	USKL.250	32	12.000	9.930	8.245	6.660	5.305	4.135
		38	11.040	9.190	7.555	6.135	4.915	3.840
		43	10.200	8.510	7.010	5.715	4.585	3.550
HULS-3XZF11-350X-T	USKL.350	32	14.920	12.530	10.315	8.400	6.730	5.270
		38	13.710	11.575	9.550	7.815	6.270	4.830
		43	12.630	10.710	8.865	7.260	5.725	4.500
HULS-3XZF13-350X-T	USKL.350	32	16.975	14.235	11.780	9.490	7.530	5.845
		38	15.475	13.020	10.825	8.780	7.030	5.520
		43	14.700	11.970	9.830	8.025	6.510	5.235
HULS-3XZF15-445X-T	UST.445	32	20.745	17.415	14.430	11.650	9.240	7.225
		38	18.980	15.990	13.335	10.785	8.590	6.690
		43	18.060	14.790	12.170	9.900	8.020	6.180
HULS-3XZF18-450X-T	UST.450	32	24.930	20.630	17.120	13.825	10.950	8.385
		38	22.585	18.990	15.770	12.685	9.960	7.500
		43	21.540	17.520	14.295	11.425	8.835	6.470
HULS-3XZF25-450X-T	UST.450	32	30.375	25.405	21.050	17.220	13.730	10.740
		38	27.820	23.365	19.440	15.750	12.735	9.945
		43	27.820	23.365	18.030	14.630	11.690	9.255
HULS-3XZF34-450X-T	USE.450	32	41.460	34.620	28.645	23.065	18.240	14.070
		38	38.160	31.950	26.520	21.385	16.905	12.990
		43		29.640	24.290	19.920	15.760	12.090
HULS-3XZF41-450X-T	USE.450	32	49.020	41.160	34.200	27.945	22.260	17.580
		38	44.550	37.650	31.335	25.830	20.625	16.090
		43			29.460	23.610	19.210	14.980
HULS-3XZF49-650X-T	USE.650	32	61.860	51.660	42.630	34.380	27.360	21.380
		38	56.760	47.550	39.480	31.800	25.335	19.800
		43	54.150	44.100	36.600	29.565	23.580	18.420

Suction Gas Return :20°C ; Usefull Superheat:100% ; Subcooling:0K

Standard equipment:

- Self-supporting metal sheet casing varnished with epoxy powder (RAL 7035)
- Easy to open side panels for internal inspection
- Acoustic insulation with pyramidal soundproofing
- Two Copeland Scroll Compressors in tandem connection each equipped with :
 - Rotolock valve on suction and discharge side
 - Crankcase heaters
 - HP pressure switch manual reset (IV PED)
- Curved condenser made of copper tube and aluminum fins
- EBM axial fan with six poles and external rotor motor
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- Dual pressure switch with automatic reset
- Built-in Electrical control panel with
 - Compressor and fans protection
 - Carel/Dixell Electronic Control
 - Backup System
- LP transducer
- Nitrogen-pressurized

Accessories:

- External Instruments
- Electronic Oil Management
- Desuperheater
- EC Fans
- Coil with special treatment
- Dual pressure switch PED with manual reset
- Soundproof jackets for compressors
- HP / LP Gauges

