

SYMBOLS

Operation



Cooling only



Heat Pump



Ice protection system

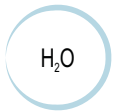


Thermostatic Expansion Valve

Condensation



Air cooled



Water cooled



Evap. Condenser

Installation



Indoor Inst.



Outdoor inst.



Roof Top

Refrigerant



Refrig. R-134a



Refrig. R-407C



Refrig. R-22



Refrig. Ammonia



Refrig. R-507A



Refrig. R-404A

Compressor



Twin-screw Semi



Herm. Scroll

Electronics



Electronic Expansion Valve



Adv. Magnum Cont.



PLC Cont.



Variable Freq. Drive



Remote Monitoring

Extra Optional Features



Direct Expansion Type



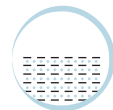
Cold Water



Hot Water



Coated Fins



Flooded Evap.



Elec. Liquid Level Ctrl.

NOMENCLATURE

Refrigerant

A



Refrig. R-134a



Refrig. R-507A



Refrig. R-404A

B



Refrig. R-407C

C



Refrig. R-22

D



Refrig. Ammonia

Condensation

AC



Air cooled

WC



Water cooled

Compressor

R



Twin-screw Semi

S



Herm. Scroll

Temperature

P



Plus

M



Minus

SERIES

AirCon

Application Type

Designed for comfort cooling / heating applications using screw compressor & scroll compressor technology

Temperature Range

+7.0 degree Celsius to +15.0 degree Celsius

Kuhler

Application Type

Designed for industrial process cooling applications using screw compressor & scroll compressor technology

Temperature Range

-15.0 degree Celsius to +20.0 degree Celsius

CST

Application Type

Designed for ultra low temperature process cooling applications using screw compressor technology with in-built motor

Temperature Range

-15.0 degree Celsius to -50.0 degree Celsius

Buffalo

Application Type

Designed for ultra low temperature process cooling / refrigeration & comfort cooling applications

Temperature Range

-50.0 degree Celsius to +10.0 degree Celsius

MRI Chillers

Application Type

Designed for medical equipment cooling applications

Temperature Range

+5.0 degree Celsius to +20.0 degree Celsius

technical data

Flamingo Chillers: KUHLER (CWCRM15) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of minus 15 degree C

Model Number	CWCRM15 01	CWCRM15 02	CWCRM15 03	CWCRM15 04	CWCRM15 05	CWCRM15 06	CWCRM15 07	CWCRM15 08	CWCRM15 09	CWCRM15 10	CWCRM15 11	CWCRM15 12	CWCRM15 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	12.63	17.21	21.76	22.59	24.61	29.99	32.92	38.81	41.00	42.22	44.83	48.53	53.46
Nominal Cooling Capacity (KW)	44.40	60.50	76.50	79.40	86.50	105.40	115.70	136.40	144.10	148.40	157.60	170.60	187.90
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	33.90	44.60	55.10	55.90	61.30	74.70	81.30	91.60	96.30	99.90	106.00	115.70	128.70
Total Input (KW)	20.60	27.20	33.60	34.10	37.40	45.50	49.60	55.80	58.70	60.90	64.70	70.50	78.40
Total COP/EER at 100%	2.20	2.20	2.30	2.30	2.30	2.30	2.30	2.40	2.50	2.40	2.40	2.40	2.40
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = Minus 15°C / Minus 10°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRM15 13 to CWCRM15 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

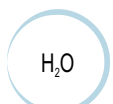
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRM15**

technical data

Flamingo Chillers: KUHLER (CWCRM15) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of minus 15 degree C

Model Number	CWCRM15 14	CWCRM15 15	CWCRM15 16	CWCRM15 17	CWCRM15 18	CWCRM15 19	CWCRM15 20	CWCRM15 21	CWCRM15 22	CWCRM15 23	CWCRM15 24	CWCRM15 25	CWCRM15 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	63.61	67.14	73.54	79.63	81.68	82.67	96.30	105.75	112.92	127.25	155.99	183.81	213.20
Nominal Cooling Capacity (KW)	223.60	236.00	258.50	279.90	287.10	290.60	338.50	371.70	396.90	447.30	548.30	646.10	749.40
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	149.40	157.70	170.90	184.00	187.50	189.90	218.70	242.60	257.70	289.80	348.20	406.00	468.60
Total Input (KW)	91.10	96.20	104.20	112.20	114.30	115.70	133.40	147.90	157.10	176.70	212.30	247.50	285.70
Total COP/EER at 100%	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.60	2.60	2.60
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = Minus 15°C / Minus 10°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRM15 13 to CWCRM15 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

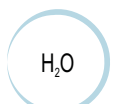
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRM15**

technical data

Flamingo Chillers: KUHLER (CWCRM10) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of minus 10 degree C

Model Number	CWCRM10 01	CWCRM10 02	CWCRM10 03	CWCRM10 04	CWCRM10 05	CWCRM10 06	CWCRM10 07	CWCRM10 08	CWCRM10 09	CWCRM10 10	CWCRM10 11	CWCRM10 12	CWCRM10 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	15.28	20.85	26.34	27.34	29.79	36.30	39.83	46.94	49.59	51.10	54.25	58.75	64.67
Nominal Cooling Capacity (KW)	53.70	73.30	92.60	96.10	104.70	127.60	140.00	165.00	174.30	179.60	190.70	206.50	227.30
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	35.10	46.20	57.00	57.90	63.50	77.30	84.20	94.80	99.70	103.40	109.80	119.80	133.20
Total Input (KW)	21.40	28.20	34.80	35.30	38.70	47.10	51.40	57.80	60.80	63.00	67.00	73.00	81.20
Total COP/EER at 100%	2.50	2.60	2.70	2.70	2.70	2.70	2.70	2.90	2.90	2.80	2.80	2.80	2.80
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = Minus 10°C / Minus 5°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRM10 13 to CWCRM10 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

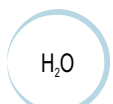
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRM10**

technical data

Flamingo Chillers: KUHLER (CWCRM10) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of minus 10 degree C

Model Number	CWCRM10 14	CWCRM10 15	CWCRM10 16	CWCRM10 17	CWCRM10 18	CWCRM10 19	CWCRM10 20	CWCRM10 21	CWCRM10 22	CWCRM10 23	CWCRM10 24	CWCRM10 25	CWCRM10 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	76.96	81.25	88.96	96.33	98.80	100.00	116.50	127.94	136.61	153.97	188.73	222.36	257.92
Nominal Cooling Capacity (KW)	270.50	285.60	312.70	338.60	347.30	351.60	409.50	449.70	480.20	541.20	663.40	781.60	906.60
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	154.70	163.40	177.00	190.50	194.20	196.60	226.50	251.30	266.90	300.10	360.60	420.40	485.30
Total Input (KW)	94.30	99.60	107.90	116.10	118.40	119.90	138.10	153.20	162.70	183.00	219.80	256.30	295.90
Total COP/EER at 100%	2.90	2.90	2.90	2.90	2.90	2.90	3.00	2.90	3.00	3.00	3.00	3.00	3.10
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = Minus 10°C / Minus 5°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRM10 13 to CWCRM10 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

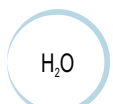
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRM10**

technical data

Flamingo Chillers: KUHLER (CWCRM05) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of minus 5 degree C

Model Number	CWCRM05 01	CWCRM05 02	CWCRM05 03	CWCRM05 04	CWCRM05 05	CWCRM05 06	CWCRM05 07	CWCRM05 08	CWCRM05 09	CWCRM05 10	CWCRM05 11	CWCRM05 12	CWCRM05 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	18.35	25.00	31.64	32.86	35.76	43.58	47.85	56.39	59.57	61.39	65.17	70.55	77.69
Nominal Cooling Capacity (KW)	64.50	88.00	111.20	115.50	125.70	153.20	168.20	198.20	209.40	215.80	229.10	248.00	273.10
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	36.10	47.60	58.80	59.70	65.50	79.70	86.80	97.70	102.80	106.60	113.20	123.50	137.30
Total Input (KW)	22.00	29.00	35.80	36.40	39.90	48.60	52.90	59.60	62.70	65.00	69.00	75.30	83.70
Total COP/EER at 100%	2.90	3.00	3.10	3.20	3.20	3.20	3.20	3.30	3.30	3.30	3.30	3.30	3.30
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = Minus 5°C / 0°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRM05 13 to CWCRM05 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

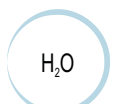
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRM05**

technical data

Flamingo Chillers: KUHLER (CWCRM05) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of minus 5 degree C

Model Number	CWCRM05 14	CWCRM05 15	CWCRM05 16	CWCRM05 17	CWCRM05 18	CWCRM05 19	CWCRM05 20	CWCRM05 21	CWCRM05 22	CWCRM05 23	CWCRM05 24	CWCRM05 25	CWCRM05 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	92.43	97.61	106.86	115.73	118.69	120.17	139.97	153.71	164.13	184.98	226.71	267.14	309.87
Nominal Cooling Capacity (KW)	324.90	343.10	375.60	406.80	417.20	422.40	492.00	540.30	576.90	650.20	796.90	939.00	1089.20
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	159.40	168.40	182.40	196.30	200.10	202.60	233.40	259.00	275.00	309.30	371.60	433.30	500.10
Total Input (KW)	97.20	102.60	111.20	119.70	122.00	123.50	142.30	157.90	167.70	188.50	226.60	264.20	304.90
Total COP/EER at 100%	3.30	3.30	3.40	3.40	3.40	3.40	3.50	3.40	3.40	3.40	3.50	3.60	3.60
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = Minus 5°C / 0°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRM05 13 to CWCRM05 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

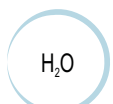
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRM05**

technical data

Flamingo Chillers: KUHLER (CWCRP01) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of plus 1 degree C

Model Number	CWCRP01 01	CWCRP01 02	CWCRP01 03	CWCRP01 04	CWCRP01 05	CWCRP01 06	CWCRP01 07	CWCRP01 08	CWCRP01 09	CWCRP01 10	CWCRP01 11	CWCRP01 12	CWCRP01 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	22.56	30.75	38.86	40.34	43.92	53.54	58.77	69.24	73.17	75.39	80.00	86.68	95.41
Nominal Cooling Capacity (KW)	79.30	108.10	136.60	141.80	154.40	188.20	206.60	243.40	257.20	265.00	281.50	304.70	335.40
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	37.50	49.40	61.00	61.90	67.90	82.70	90.10	101.40	106.70	110.60	117.40	128.10	142.50
Total Input (KW)	22.90	30.10	37.20	37.80	41.40	50.40	54.90	61.80	65.00	67.40	71.60	78.10	86.90
Total COP/EER at 100%	3.50	3.60	3.70	3.80	3.70	3.70	3.80	3.90	4.00	3.90	3.90	3.90	3.90
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = plus 6°C / plus 1°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP01 13 to CWCRP0126** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

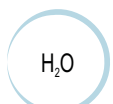
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic Expansion Valve



Ice Protection System

Optional Features



Adv. Magnum Cont.



Remote Monitoring



Variable Freq. Drive



Electronic Expansion Valve



Direct Expansion Type

**Kuhler Series
CWCRP01**

technical data

Flamingo Chillers: KUHLER (CWCRP01) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Brine/Glycol temperature of plus 1 degree C

Model Number	CWCRP01 14	CWCRP01 15	CWCRP01 16	CWCRP01 17	CWCRP01 18	CWCRP01 19	CWCRP01 20	CWCRP01 21	CWCRP01 22	CWCRP01 23	CWCRP01 24	CWCRP01 25	CWCRP01 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	113.54	119.88	131.26	142.16	145.80	147.62	171.92	188.81	201.59	227.19	278.49	328.16	380.62
Nominal Cooling Capacity (KW)	399.10	421.40	461.40	499.70	512.50	518.90	604.30	663.70	708.60	798.60	978.90	1153.50	1337.90
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	165.40	174.70	189.30	203.70	207.70	210.20	242.20	268.70	285.00	320.90	385.60	449.60	519.00
Total Input (KW)	100.90	106.50	115.40	124.20	126.60	128.20	147.70	163.80	174.00	195.60	235.10	274.10	316.40
Total COP/EER at 100%	4.0	4.0	4.0	4.0	4.0	4.0	4.10	4.10	4.10	4.10	4.20	4.20	4.20
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol Temperature = plus 6°C / plus 1°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP01 13 to CWCRP0126** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

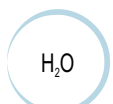
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP01**

technical data

Flamingo Chillers: KUHLER (CWCRP05) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Water temperature of plus 5 degree C

Model Number	CWCRP05 01	CWCRP05 02	CWCRP05 03	CWCRP05 04	CWCRP05 05	CWCRP05 06	CWCRP05 07	CWCRP05 08	CWCRP05 09	CWCRP05 10	CWCRP05 11	CWCRP05 12	CWCRP05 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	24.81	33.83	42.73	44.35	48.31	58.89	64.64	76.16	80.48	82.90	88.00	95.31	104.92
Nominal Cooling Capacity (KW)	87.20	118.90	150.20	155.90	169.80	207.00	227.20	267.70	282.90	291.40	309.50	335.00	368.80
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	36.70	48.30	59.60	60.50	66.40	80.80	88.00	99.10	104.30	108.10	114.80	125.20	139.30
Total Input (KW)	22.30	29.40	36.40	36.90	40.50	49.30	53.70	60.40	63.60	65.90	70.00	76.30	84.90
Total COP/EER at 100%	3.9	4.0	4.1	4.2	4.2	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.3
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol /Water Temperature = Plus 5°C / Plus 10°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP05 13 to CWCRP05 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic
- (4) For Dimensions & Weight contact Flamingo Chillers

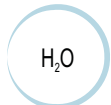
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP05**

technical data

Flamingo Chillers: KUHLER (CWCRP05) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Water temperature of plus 5 degree C

Model Number	CWCRP05 14	CWCRP05 15	CWCRP05 16	CWCRP05 17	CWCRP05 18	CWCRP05 19	CWCRP05 20	CWCRP05 21	CWCRP05 22	CWCRP05 23	CWCRP05 24	CWCRP05 25	CWCRP05 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	124.86	131.83	144.35	156.30	160.26	162.33	189.00	207.62	221.67	249.84	306.23	360.83	418.52
Nominal Cooling Capacity (KW)	438.90	463.40	507.40	549.40	563.60	570.60	664.50	729.80	779.20	878.20	1076.40	1268.30	1471.10
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	161.70	170.80	185.00	199.10	203.00	205.50	236.80	262.70	279.00	313.70	376.90	439.50	507.30
Total Input (KW)	98.60	104.10	112.80	121.40	123.80	125.30	144.40	160.10	170.10	191.20	229.80	267.90	309.30
Total COP/EER at 100%	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol /Water Temperature = Plus 5°C / Plus 10°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP05 13 to CWCRP05 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic
- (4) For Dimensions & Weight contact Flamingo Chillers

Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP05**

technical data

Flamingo Chillers: KUHLER (CWCRP10) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Water temperature of plus 10 degree C

Model Number	CWCRP10 01	CWCRP10 02	CWCRP10 03	CWCRP10 04	CWCRP10 05	CWCRP10 06	CWCRP10 07	CWCRP10 08	CWCRP10 09	CWCRP10 10	CWCRP10 11	CWCRP10 12	CWCRP10 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	29.70	40.48	51.15	53.11	57.84	70.50	77.38	91.18	96.33	99.26	105.40	114.11	125.63
Nominal Cooling Capacity (KW)	104.40	142.30	179.80	186.70	203.30	247.80	272.00	320.50	338.60	348.90	370.50	401.10	441.60
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	38.30	50.40	62.20	63.20	69.30	84.40	96.70	108.90	114.60	118.80	126.10	137.60	153.00
Total Input (KW)	23.30	30.70	37.90	38.50	42.30	51.40	56.00	63.10	66.30	68.80	73.00	79.70	88.60
Total COP/EER at 100%	4.5	4.6	4.7	4.8	4.8	4.8	4.9	5.1	5.1	5.1	5.1	5.0	5.0
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol/Water Temperature = Plus 10°C / 15°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP10 13 to CWCRP10 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP10**

technical data

Flamingo Chillers: KUHLER (CWCRP10) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Water temperature of plus 10 degree C

Model Number	CWCRP10 14	CWCRP10 15	CWCRP10 16	CWCRP10 17	CWCRP10 18	CWCRP10 19	CWCRP10 20	CWCRP10 21	CWCRP10 22	CWCRP10 23	CWCRP10 24	CWCRP10 25	CWCRP10 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	149.47	157.84	172.80	187.14	191.95	194.33	226.34	248.56	265.40	299.12	366.63	432.00	501.00
Nominal Cooling Capacity (KW)	525.40	554.80	607.40	657.80	674.70	683.10	795.60	873.70	932.90	1051.40	1288.70	1518.50	1761.20
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	177.70	187.60	203.30	218.80	223.00	225.80	260.10	288.60	306.50	327.40	393.40	458.70	529.50
Total Input (KW)	102.90	108.70	117.70	126.70	129.20	130.80	150.70	167.10	177.50	199.60	239.90	279.70	322.80
Total COP/EER at 100%	5.1	5.1	5.2	5.2	5.2	5.2	5.3	5.2	5.3	5.3	5.4	5.4	5.5
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol/Water Temperature = Plus 10°C / 15°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP10 13 to CWCRP10 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

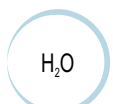
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP10**

technical data

Flamingo Chillers: KUHLER (CWCRP12.5) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Water temperature of plus 12.5 degree C

Model Number	CWCRP12.5 01	CWCRP12.5 02	CWCRP12.5 03	CWCRP12.5 04	CWCRP12.5 05	CWCRP12.5 06	CWCRP12.5 07	CWCRP12.5 08	CWCRP12.5 09	CWCRP12.5 10	CWCRP12.5 11	CWCRP12.5 12	CWCRP12.5 13
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	32.97	44.95	56.81	58.98	64.21	78.26	85.92	101.22	106.97	110.21	117.00	126.68	139.48
Nominal Cooling Capacity (KW)	115.90	158.00	199.70	207.30	225.70	275.10	302.00	355.80	376.00	387.40	411.40	445.30	490.30
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	39.20	51.70	63.80	64.80	71.10	86.50	94.20	106.10	111.60	115.70	122.90	134.00	149.0
Total Input (KW)	23.90	31.50	38.90	39.50	43.30	52.70	57.50	64.70	68.00	70.50	74.90	81.70	90.90
Total COP/EER at 100%	4.80	5.00	5.10	5.20	5.20	5.20	5.30	5.50	5.50	5.50	5.50	5.50	5.4
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol/Water Temperature = Plus 12.5°C / Plus 17.5°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP12.5 13 to CWCRP12.5 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

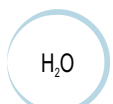
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP12.5**

technical data

Flamingo Chillers: KUHLER (CWCRP12.5) Series Water Cooled Screw Chillers

Technical Specifications: R-22 Refrigerant @ Chilled Water temperature of plus 12.5 degree C

Model Number	CWCRP12.5 14	CWCRP12.5 15	CWCRP12.5 16	CWCRP12.5 17	CWCRP12.5 18	CWCRP12.5 19	CWCRP12.5 20	CWCRP12.5 21	CWCRP12.5 22	CWCRP12.5 23	CWCRP12.5 24	CWCRP12.5 25	CWCRP12.5 26
Refrigerant	R-22												
Nominal Cooling Capacity (TR)	165.97	175.24	191.89	207.80	213.11	215.79	251.32	276.00	294.67	332.11	407.00	479.66	556.36
Nominal Cooling Capacity (KW)	583.40	616.00	674.50	730.40	749.10	758.50	883.40	970.10	1035.80	1167.40	1430.90	1686.00	1955.50
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	173.10	182.80	198.00	213.10	217.20	219.90	253.40	281.10	298.50	335.70	403.40	470.30	542.90
Total Input (KW)	105.50	111.40	120.70	129.90	132.40	134.10	154.50	171.40	182.00	204.70	246.00	286.80	331.00
Total COP/EER at 100%	5.50	5.50	5.60	5.60	5.70	5.70	5.70	5.70	5.70	5.70	5.80	5.90	5.90
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Brine/Glycol/Water Temperature = Plus 12.5°C / Plus 17.5°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) Kuhler Series = Multipurpose Industrial process cooling chillers
- (3) All Kuhler Series Models **CWCRP12.5 13 to CWCRP12.5 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

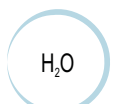
Functions & Features



PLC Cont.



Cooling Only



Water Cooled



Indoor Inst.



Refrig. R-22



Twin-screw Semi



Thermostatic
Expansion Valve



Ice Protection
System

Optional Features



Adv. Magnum
Cont.



Remote Monitoring



Variable Freq.
Drive



Electronic Expansion
Valve



Direct Expansion
Type

**Kuhler Series
CWCRP12.5**