



# tecumseh

# AG4581P

400V 3~ 50Hz / 440V 3~ 60 Hz

Compressor

AG4581P-TZ1A

HBP

R-404A / R-448A / R-449A / R-452A / R-454C / R-455A

Voltage Code : TZ

| Refrigerant | Frequency   | Nominal Cooling Capacity (*) |               | Sound Power<br>ISO3745 / ISO 3743-1 |
|-------------|-------------|------------------------------|---------------|-------------------------------------|
|             |             | Watts                        | BTU/h         |                                     |
| R-452A      | 50HZ / 60HZ | 9817 / 11688                 | 33478 / 39857 | 84 dBA                              |
| R-404A      | 50HZ / 60HZ | 9903 / 11790                 | 33769 / 40205 |                                     |
| R-448A      | 50HZ / 60HZ | 9792 / 11657                 | 33390 / 39751 |                                     |
| R-449A      | 50HZ / 60HZ | 9776 / 11639                 | 33337 / 39688 |                                     |
| R-454C      | 50HZ / 60HZ | 8659 / 10596                 | 29528 / 36133 |                                     |
| R-455A      | 50HZ / 60HZ | 9307 / 11391                 | 31738 / 38843 |                                     |

(\*) Operating conditions ARI 520-90 : Dew / T°Cond. 120°F / T°Evap 20°F / T°Evaporating 20°F / T°Superheat 32°F



\*Non-contractual picture

## Dimensions

|                  |                   |
|------------------|-------------------|
| Weight           | 48.5 kg (107 lb)  |
| Length           | 361 mm (14.2 in)  |
| Width            | 238 mm (9.4 in)   |
| Height           | 423 mm (16.7 in)  |
| Ø Suction Tube   | 1-1/8 in (28.6mm) |
| Ø Discharge Tube | 5/8 in (15.9mm)   |

## Certificates



## General

|                         |                             |
|-------------------------|-----------------------------|
| Compressor Type         | Reciprocating               |
| Displacement (cc)       | 145                         |
| Horse Power             | 6-1/2                       |
| Compressor Cooling      | Fan                         |
| Evaporating Temp. Range | -15°C to 15°C (5°F to 59°F) |
| Expansion Device        | Capil. Tube/Expans. Valve   |
| Oil Type                | P.O.E 32                    |
| Oil Charge (cc)         | 1760                        |

## Electrical

|                      |          |
|----------------------|----------|
| Motor Type           | 3PH      |
| Main Winding (Ohm)   | 1.63     |
| Current RLA 50Hz (A) | 12.3     |
| Current RLA 60Hz (A) | 13.6     |
| Current LRA (A)      | 85       |
| Overload             | Internal |

## Pressure Equipment Directive

|                             |          |
|-----------------------------|----------|
| Max. Ambient Temp. (°C)     | +46      |
| Max. Allowable Press. (bar) | 21.5     |
| Ambient Temp. Range (°C)    | -35/+150 |
| Leak Test pressure (bar)    | 23.7     |
| Free Volume (l)             | 11.6     |

Note : Tecumseh reserves the right to change information contained in this document without notification.



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**AG4581P**

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI 520-90  
Conditions DEW

Evaporating : 20 °F  
Superheat : 32 °F

## 50HZ R-452A

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 16668 | 23292 | 31417 | 41355 | 53446 | 68054 | 85569 | 106405 |
|            | Power Input      | (W)     | 2972  | 3558  | 4098  | 4615  | 5130  | 5666  | 6244  | 6887   |
|            | Amps             | (A)     | 6.65  | 7.22  | 7.83  | 8.48  | 9.16  | 9.89  | 10.7  | 11.5   |
| <b>105</b> | Refrig. Capacity | (Btu/h) | 12947 | 19064 | 26414 | 35298 | 46051 | 59035 | 74651 | 93336  |
|            | Power Input      | (W)     | 2874  | 3598  | 4256  | 4871  | 5465  | 6060  | 6677  | 7339   |
|            | Amps             | (A)     | 6.59  | 7.29  | 8.01  | 8.78  | 9.58  | 10.4  | 11.3  | 12.2   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 21229 | 29013 | 38382 | 49698 | 63369 | 79857  |
|            | Power Input      | (W)     |       |       | 4312  | 5052  | 5751  | 6432  | 7115  | 7823   |
|            | Amps             | (A)     |       |       | 8.13  | 9.02  | 9.94  | 10.9  | 11.9  | 13     |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 20328 | 27768 | 36780 | 47782 | 61275  |
|            | Power Input      | (W)     |       |       |       | 5129  | 6010  | 6847  | 7660  | 8472   |
|            | Amps             | (A)     |       |       |       | 9.23  | 10.3  | 11.4  | 12.6  | 13.8   |

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## 60HZ R-452A

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 19793 | 27563 | 36850 | 48014 | 61443 | 77556 | 96803 | 119660 |
|            | Power Input      | (W)     | 3613  | 4333  | 5020  | 5709  | 6433  | 7229  | 8129  | 9170   |
|            | Amps             | (A)     | 8.08  | 8.79  | 9.59  | 10.5  | 11.5  | 12.6  | 13.9  | 15.3   |
| <b>105</b> | Refrig. Capacity | (Btu/h) | 15570 | 22880 | 31453 | 41635 | 53811 | 68399 | 85861 | 106703 |
|            | Power Input      | (W)     | 3528  | 4411  | 5228  | 6015  | 6806  | 7634  | 8536  | 9544   |
|            | Amps             | (A)     | 8.12  | 8.94  | 9.84  | 10.8  | 11.9  | 13.1  | 14.5  | 15.9   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 25651 | 34708 | 45486 | 58403 | 73934 | 92616  |
|            | Power Input      | (W)     |       |       | 5317  | 6252  | 7157  | 8069  | 9020  | 10047  |
|            | Amps             | (A)     |       |       | 10    | 11.2  | 12.4  | 13.7  | 15.1  | 16.7   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 24879 | 33562 | 44022 | 56750 | 72334  |
|            | Power Input      | (W)     |       |       |       | 6342  | 7478  | 8577  | 9672  | 10800  |
|            | Amps             | (A)     |       |       |       | 11.4  | 12.8  | 14.3  | 15.9  | 17.6   |



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**AG4581P**

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI 520-90  
Conditions DEW

Evaporating : 20 °F  
Superheat : 32 °F

## 50HZ R-404A

| Condensing | Evaporating (°F)         | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity (Btu/h) | 17606 | 24308 | 32492 | 42467 | 54565 | 69150 | 86617 | 107395 |
|            | Power Input (W)          | 3156  | 3758  | 4311  | 4835  | 5354  | 5889  | 6461  | 7094   |
|            | Amps (A)                 | 7.06  | 7.63  | 8.24  | 8.88  | 9.56  | 10.3  | 11    | 11.8   |
| <b>105</b> | Refrig. Capacity (Btu/h) | 13683 | 19832 | 27181 | 36026 | 46692 | 59541 | 74979 | 93459  |
|            | Power Input (W)          | 3076  | 3818  | 4488  | 5111  | 5706  | 6297  | 6905  | 7552   |
|            | Amps (A)                 | 7.04  | 7.73  | 8.45  | 9.21  | 10    | 10.8  | 11.7  | 12.6   |
| <b>120</b> | Refrig. Capacity (Btu/h) |       | 15248 | 21712 | 29384 | 38577 | 49651 | 63017 | 79161  |
|            | Power Input (W)          |       | 3750  | 4566  | 5312  | 6011  | 6684  | 7353  | 8041   |
|            | Amps (A)                 |       | 7.77  | 8.61  | 9.48  | 10.4  | 11.3  | 12.3  | 13.3   |
| <b>140</b> | Refrig. Capacity (Btu/h) |       |       | 14263 | 20282 | 27437 | 36076 | 46621 | 59604  |
|            | Power Input (W)          |       |       | 4471  | 5423  | 6300  | 7124  | 7916  | 8699   |
|            | Amps (A)                 |       |       | 8.73  | 9.75  | 10.8  | 11.9  | 13    | 14.2   |

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## 60HZ R-404A

| Condensing | Evaporating (°F)         | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity (Btu/h) | 20910 | 28763 | 38111 | 49305 | 62731 | 78806 | 97988 | 120772 |
|            | Power Input (W)          | 3838  | 4577  | 5280  | 5982  | 6715  | 7514  | 8412  | 9445   |
|            | Amps (A)                 | 8.59  | 9.29  | 10.1  | 11    | 12    | 13.1  | 14.4  | 15.7   |
| <b>105</b> | Refrig. Capacity (Btu/h) | 16456 | 23800 | 32367 | 42495 | 54561 | 68985 | 86236 | 106843 |
|            | Power Input (W)          | 3777  | 4680  | 5513  | 6311  | 7106  | 7934  | 8827  | 9820   |
|            | Amps (A)                 | 8.67  | 9.48  | 10.4  | 11.4  | 12.5  | 13.7  | 15    | 16.4   |
| <b>120</b> | Refrig. Capacity (Btu/h) |       | 18595 | 26233 | 35152 | 45718 | 58347 | 73522 | 91808  |
|            | Power Input (W)          |       | 4618  | 5630  | 6573  | 7480  | 8385  | 9323  | 10326  |
|            | Amps (A)                 |       | 9.6   | 10.6  | 11.7  | 12.9  | 14.2  | 15.6  | 17.1   |
| <b>140</b> | Refrig. Capacity (Btu/h) |       |       | 17748 | 24823 | 33163 | 43179 | 55369 | 70361  |
|            | Power Input (W)          |       |       | 5494  | 6706  | 7838  | 8923  | 9995  | 11088  |
|            | Amps (A)                 |       |       | 10.8  | 12.1  | 13.4  | 14.9  | 16.5  | 18.1   |



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**AG4581P**

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI 520-90  
Conditions DEW

Evaporating : 20 °F  
Superheat : 32 °F

### 50HZ R-448A\*

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 15303 | 21862 | 29875 | 39662 | 51558 | 65917 | 83114 | 103535 |
|            | Power Input      | (W)     | 2783  | 3318  | 3822  | 4314  | 4808  | 5323  | 5874  | 6479   |
|            | Amps             | (A)     | 6.22  | 6.73  | 7.31  | 7.93  | 8.59  | 9.29  | 10    | 10.8   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 18105 | 25449 | 34315 | 45035 | 57966 | 73488 | 92006  |
|            | Power Input      | (W)     |       | 3381  | 3995  | 4577  | 5145  | 5714  | 6301  | 6923   |
|            | Amps             | (A)     |       | 6.85  | 7.52  | 8.25  | 9.02  | 9.83  | 10.7  | 11.5   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 20905 | 28842 | 38381 | 49878 | 63719 | 80328  |
|            | Power Input      | (W)     |       |       | 4071  | 4779  | 5454  | 6112  | 6770  | 7444   |
|            | Amps             | (A)     |       |       | 7.68  | 8.53  | 9.42  | 10.4  | 11.3  | 12.3   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 21509 | 29461 | 39034 | 50625 | 64681  |
|            | Power Input      | (W)     |       |       |       | 4876  | 5749  | 6580  | 7386  | 8185   |
|            | Amps             | (A)     |       |       |       | 8.77  | 9.86  | 11    | 12.2  | 13.4   |

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### 60HZ R-448A\*

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 18168 | 25872 | 35044 | 46048 | 59271 | 75121 | 94025 | 116432 |
|            | Power Input      | (W)     | 3384  | 4040  | 4681  | 5335  | 6029  | 6790  | 7647  | 8628   |
|            | Amps             | (A)     | 7.57  | 8.2   | 8.95  | 9.81  | 10.8  | 11.9  | 13.1  | 14.4   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 21730 | 30304 | 40473 | 52621 | 67157 | 84522 | 105181 |
|            | Power Input      | (W)     |       | 4146  | 4908  | 5652  | 6406  | 7197  | 8053  | 9002   |
|            | Amps             | (A)     |       | 8.4   | 9.24  | 10.2  | 11.2  | 12.4  | 13.6  | 15     |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 25262 | 34503 | 45483 | 58614 | 74345 | 93164  |
|            | Power Input      | (W)     |       |       | 5020  | 5915  | 6788  | 7668  | 8583  | 9559   |
|            | Amps             | (A)     |       |       | 9.48  | 10.5  | 11.7  | 13    | 14.4  | 15.8   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 26324 | 35605 | 46719 | 60127 | 76353  |
|            | Power Input      | (W)     |       |       |       | 6026  | 7152  | 8243  | 9328  | 10433  |
|            | Amps             | (A)     |       |       |       | 10.9  | 12.3  | 13.8  | 15.4  | 17     |

\* Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.



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**AG4581P**

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI 520-90  
Conditions DEW

Evaporating : 20 °F  
Superheat : 32 °F

### 50HZ R-449A\*

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 15265 | 21816 | 29824 | 39610 | 51510 | 65882 | 83103 | 103565 |
|            | Power Input      | (W)     | 2783  | 3318  | 3822  | 4314  | 4808  | 5323  | 5874  | 6479   |
|            | Amps             | (A)     | 6.22  | 6.73  | 7.31  | 7.93  | 8.59  | 9.29  | 10    | 10.8   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 18060 | 25398 | 34262 | 44986 | 57930 | 73477 | 92037  |
|            | Power Input      | (W)     |       | 3381  | 3995  | 4577  | 5145  | 5714  | 6301  | 6923   |
|            | Amps             | (A)     |       | 6.85  | 7.52  | 8.25  | 9.02  | 9.83  | 10.7  | 11.5   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 20855 | 28789 | 38331 | 49841 | 63708 | 80361  |
|            | Power Input      | (W)     |       |       | 4071  | 4779  | 5454  | 6112  | 6770  | 7444   |
|            | Amps             | (A)     |       |       | 7.68  | 8.53  | 9.42  | 10.4  | 11.3  | 12.3   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 21456 | 29409 | 38995 | 50613 | 64718  |
|            | Power Input      | (W)     |       |       |       | 4876  | 5749  | 6580  | 7386  | 8185   |
|            | Amps             | (A)     |       |       |       | 8.77  | 9.86  | 11    | 12.2  | 13.4   |

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### 60HZ R-449A\*

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 18123 | 25817 | 34984 | 45987 | 59216 | 75081 | 94014 | 116465 |
|            | Power Input      | (W)     | 3384  | 4040  | 4681  | 5335  | 6029  | 6790  | 7647  | 8628   |
|            | Amps             | (A)     | 7.57  | 8.2   | 8.95  | 9.81  | 10.8  | 11.9  | 13.1  | 14.4   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 21676 | 30243 | 40410 | 52564 | 67116 | 84509 | 105217 |
|            | Power Input      | (W)     |       | 4146  | 4908  | 5652  | 6406  | 7197  | 8053  | 9002   |
|            | Amps             | (A)     |       | 8.4   | 9.24  | 10.2  | 11.2  | 12.4  | 13.6  | 15     |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 25201 | 34439 | 45424 | 58571 | 74332 | 93203  |
|            | Power Input      | (W)     |       |       | 5020  | 5915  | 6788  | 7668  | 8583  | 9559   |
|            | Amps             | (A)     |       |       | 9.48  | 10.5  | 11.7  | 13    | 14.4  | 15.8   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 26258 | 35542 | 46672 | 60113 | 76396  |
|            | Power Input      | (W)     |       |       |       | 6026  | 7152  | 8243  | 9328  | 10433  |
|            | Amps             | (A)     |       |       |       | 10.9  | 12.3  | 13.8  | 15.4  | 17     |

\* Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.



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**AG4581P**

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI 520-90  
Conditions DEW

Evaporating : 20 °F  
Superheat : 32 °F

## 50HZ R-454C

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55    |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 13759 | 19486 | 26628 | 35489 | 46392 | 59681 | 75716 | 94873 |
|            | Power Input      | (W)     | 2548  | 2984  | 3417  | 3832  | 4211  | 4538  | 4796  | 4969  |
|            | Amps             | (A)     | 6.39  | 6.71  | 7.1   | 7.57  | 8.11  | 8.72  | 9.39  | 10.1  |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 16204 | 22599 | 30466 | 40125 | 51920 | 66216 | 83405 |
|            | Power Input      | (W)     |       | 3064  | 3570  | 4074  | 4559  | 5008  | 5405  | 5732  |
|            | Amps             | (A)     |       | 6.88  | 7.35  | 7.89  | 8.49  | 9.17  | 9.92  | 10.7  |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 18617 | 25519 | 33965 | 44295 | 56882 | 72130 |
|            | Power Input      | (W)     |       |       | 3662  | 4242  | 4820  | 5379  | 5903  | 6373  |
|            | Amps             | (A)     |       |       | 7.5   | 8.11  | 8.79  | 9.53  | 10.3  | 11.2  |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 19064 | 25934 | 34356 | 44707 | 57413 |
|            | Power Input      | (W)     |       |       |       | 4358  | 5042  | 5728  | 6401  | 7043  |
|            | Amps             | (A)     |       |       |       | 8.28  | 9.05  | 9.88  | 10.8  | 11.7  |

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## 60HZ R-454C

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 17553 | 24081 | 32085 | 41887 | 53828 | 68270 | 85595 | 106201 |
|            | Power Input      | (W)     | 3264  | 3789  | 4314  | 4825  | 5309  | 5751  | 6137  | 6454   |
|            | Amps             | (A)     | 6.2   | 6.68  | 7.23  | 7.86  | 8.57  | 9.34  | 10.2  | 11.1   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 20594 | 27950 | 36866 | 47680 | 60755 | 76482 | 95274  |
|            | Power Input      | (W)     |       | 3894  | 4512  | 5130  | 5735  | 6311  | 6847  | 7326   |
|            | Amps             | (A)     |       | 6.53  | 7.2   | 7.94  | 8.74  | 9.62  | 10.6  | 11.6   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 23542 | 31536 | 41188 | 52862 | 66953 | 83894  |
|            | Power Input      | (W)     |       |       | 4628  | 5347  | 6066  | 6772  | 7449  | 8085   |
|            | Amps             | (A)     |       |       | 7.2   | 8.04  | 8.96  | 9.93  | 11    | 12.1   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 24068 | 32110 | 41854 | 53704 | 68118  |
|            | Power Input      | (W)     |       |       |       | 5481  | 6343  | 7211  | 8069  | 8904   |
|            | Amps             | (A)     |       |       |       | 8.24  | 9.29  | 10.4  | 11.6  | 12.8   |



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**AG4581P**

400V 3~ 50Hz / 440V 3~ 60 Hz

Performances are given at rating conditions ARI 520-90  
Conditions DEW

Evaporating : 20 °F  
Superheat : 32 °F

## 50HZ R-455A

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 14479 | 20791 | 28574 | 38157 | 49887 | 64130 | 81270 | 101704 |
|            | Power Input      | (W)     | 2642  | 3118  | 3585  | 4027  | 4428  | 4771  | 5040  | 5219   |
|            | Amps             | (A)     | 6.63  | 7.01  | 7.45  | 7.95  | 8.53  | 9.17  | 9.87  | 10.6   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 17071 | 24145 | 32792 | 43357 | 56210 | 71742 | 90368  |
|            | Power Input      | (W)     |       | 3172  | 3735  | 4291  | 4824  | 5317  | 5753  | 6117   |
|            | Amps             | (A)     |       | 7.13  | 7.68  | 8.3   | 8.99  | 9.74  | 10.6  | 11.4   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 19632 | 27295 | 36648 | 48060 | 61933 | 78699  |
|            | Power Input      | (W)     |       |       | 3800  | 4460  | 5115  | 5748  | 6343  | 6883   |
|            | Amps             | (A)     |       |       | 7.79  | 8.52  | 9.32  | 10.2  | 11.1  | 12.1   |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 20017 | 27677 | 37091 | 48669 | 62872  |
|            | Power Input      | (W)     |       |       |       | 4527  | 5331  | 6137  | 6928  | 7687   |
|            | Amps             | (A)     |       |       |       | 8.61  | 9.57  | 10.6  | 11.7  | 12.8   |

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## 60HZ R-455A

| Condensing | Evaporating      | (°F)    | -15   | -5    | 5     | 15    | 25    | 35    | 45    | 55     |
|------------|------------------|---------|-------|-------|-------|-------|-------|-------|-------|--------|
| <b>90</b>  | Refrig. Capacity | (Btu/h) | 18476 | 25690 | 34425 | 45032 | 57879 | 73357 | 91875 | 113856 |
|            | Power Input      | (W)     | 3385  | 3959  | 4525  | 5071  | 5583  | 6046  | 6449  | 6777   |
|            | Amps             | (A)     | 6.43  | 6.98  | 7.59  | 8.27  | 9.01  | 9.82  | 10.7  | 11.6   |
| <b>105</b> | Refrig. Capacity | (Btu/h) |       | 21704 | 29864 | 39679 | 51516 | 65770 | 82859 | 103225 |
|            | Power Input      | (W)     |       | 4031  | 4719  | 5403  | 6068  | 6701  | 7289  | 7818   |
|            | Amps             | (A)     |       | 6.76  | 7.53  | 8.36  | 9.25  | 10.2  | 11.2  | 12.3   |
| <b>120</b> | Refrig. Capacity | (Btu/h) |       |       | 24833 | 33738 | 44447 | 57357 | 72895 | 91526  |
|            | Power Input      | (W)     |       |       | 4802  | 5621  | 6437  | 7236  | 8006  | 8732   |
|            | Amps             | (A)     |       |       | 7.47  | 8.45  | 9.5   | 10.6  | 11.8  | 13     |
| <b>140</b> | Refrig. Capacity | (Btu/h) |       |       |       | 25249 | 34266 | 45192 | 58470 | 74598  |
|            | Power Input      | (W)     |       |       |       | 5695  | 6707  | 7724  | 8732  | 9717   |
|            | Amps             | (A)     |       |       |       | 8.57  | 9.82  | 11.1  | 12.5  | 14     |