

# RECOVERY EQUIPMENT

**RECOVER REFRIGERANTS  
QUICKLY and EFFICIENTLY**



# Pro-Set®

## TR600 SERIES REFRIGERANT RECOVERY MACHINES

CPS introduces a new addition to its recovery machine line-up, the Pro-Set TR600. A lightweight, efficient and reliable refrigerant recovery machine in a compact, rugged, contemporary housing – the TR600 offers the ideal combination of form and function to make refrigerant recovery fast and easy!

### KEY FEATURES

- Powerful 2/3 HP oil-less 2 cylinder reciprocating recovery compressor
- Exceptional compressor, condensing and cooling systems allow fast recovery in high temperature environments
- R-410a ready (fastest R-410A flow rates in its class!)
- 550 psi high pressure shut-off switch
- Durable inlet and outlet ball valve construction with 1/4 turn gauges
- Integrated component moorings for quiet operation
- Rugged high density, double walled, contemporary, compact housing with easy view top mounted controls



- Ergonomic well balanced design for easy transport
- No tool access suction housing for easy filter clean/change
- Less parts provides greater reliability
- Designed and manufactured in USA with US and globally sourced components
- Worldwide patents pending

### \* CERTIFIED REFRIGERANT RECOVERY RATES (LBS/MIN.)

| Competing Brands     | REFCO Powermax* | Robinair RG3* | Yellow Jacket YJ-LTE* | Bacharach ECO-2020** | Inficon Vortex Dual** | Appion G5 Twin* | CPS ProSet TR600* |
|----------------------|-----------------|---------------|-----------------------|----------------------|-----------------------|-----------------|-------------------|
| <b>R410A</b>         |                 |               |                       |                      |                       |                 |                   |
| Vapor Rate           | 0.53            | 0.14          | 0.35                  | 0.55                 | 0.55                  | 0.55            | <b>0.70</b>       |
| Liquid Rate          | 4.99            | 3.57          | 9.25                  | 5.71                 | 3.55                  | 3.48            | <b>11.94</b>      |
| Liquid Push-Pull     | 17.56           | 12.69         | 10.91                 | 15.85                | 16.82                 | 10.20           | <b>31.7</b>       |
| <b>R22</b>           |                 |               |                       |                      |                       |                 |                   |
| Vapor Rate           | 0.50            | 0.20          | 0.37                  | 0.55                 | 0.53                  | 0.61            | <b>0.59</b>       |
| High Temp Vapor Rate | Not Mentioned   | 0.22          | Not Mentioned         | 0.60                 | 0.57                  | 0.41            | <b>0.39</b>       |
| Liquid Rate          | 4.50            | 6.39          | 6.83                  | 6.35                 | 5.97                  | 6.21            | <b>8.86</b>       |
| Liquid Push-Pull     | 11.81           | 11.83         | 9.17                  | 11.40                | 11.0                  | 16.62           | <b>31.52</b>      |
| <b>R134A</b>         |                 |               |                       |                      |                       |                 |                   |
| Vapor Rate           | 0.50            | 0.18          | 0.35                  | 0.46                 | 0.42                  | 0.41            | <b>0.49</b>       |
| Liquid Rate          | 4.25            | 5.48          | 5.35                  | 4.52                 | 4.03                  | 4.34            | <b>7.80</b>       |
| Liquid Push-Pull     | 12.06           | 8.86          | 6.94                  | 10.89                | 11.64                 | 11.08           | <b>25.66</b>      |
| <b>R407C</b>         |                 |               |                       |                      |                       |                 |                   |
| Vapor Rate           | Not Mentioned   | 0.18          | 0.30                  | Not Mentioned        | 0.55                  | 0.55            | <b>0.53</b>       |
| Liquid Rate          | Not Mentioned   | 5.48          | 7.53                  | Not Mentioned        | 5.49                  | 7.01            | <b>9.50</b>       |
| Liquid Push-Pull     | Not Mentioned   | 11.68         | 10.05                 | Not Mentioned        | 14.0                  | 17.61           | <b>29.14</b>      |

\*UL ONLINE CERTIFICATIONS DIRECTORY (DATABASE.UL.COM) \*\*AHR1 CERTIFIED® (AHRIDIRECTORY.ORG) DISCLAIMER: The information found within this chart is not reflective of all competitors. All trademarks and copyrights on this page are owned by their respective owners. Data collected is based on technical specification literature available through the worldwide web and other publicly available marketing literature.



### PRO-SET TR600 SERIES SPECIFICATIONS

| Model #                     | TR600   | TR610   | TR600C | TR610C            | TR600S            | TR600A  | TR600E           |
|-----------------------------|---|---|--------|-------------------|-------------------|---|------------------|
| Voltage (Hz)                | 115V (60 Hz)  |   |        |                   | 220-240V (50 Hz)  | 240V (50 Hz)  | 220-240V (50 Hz) |
| Motor Size                  | 2/3 HP  |   |        |                   |                   |   |                  |
| Motor Thermally Protected   | ✓   |   |        |                   |                   |   |                  |
| Compressor Type             | Two cylinder, oilless                               |   |        |                   |                   |   |                  |
| Overload Protection         | 15 Amp  | 13 Amp  |        |                   | 10 Amp            |   |                  |
| Power Consumption           | 1000 W  |   |        |                   |                   |   |                  |
| Tank Overfill Sensor Cord   | ✗   | ✓   | ✗      | ✓                 | ✗                 | ✗   | ✗                |
| Suction Pressure Gauge      | Outer Scale   | -30" hg to 500 psig   |        |                   |                   | 3500 kPa  |                  |
|                             | Inner Scale   |   |        |                   |                   | 35 bar  |                  |
| Discharge Pressure Gauge    | Outer Scale   | 0-550 psig  |        |                   |                   | 3800 kPa  |                  |
|                             | Inner Scale   |   |        |                   |                   | 38 bar  |                  |
| High Pressure Shut-Off      | 550 psig (38 bar)                                   | 450 psig (31 bar)   |        | 550 psig (38 bar) | 525 psig (36 bar) |   |                  |
| AHRI 740 Class Refrigerants | Class III   | R-12, R-134A, R-401C, R-406A, R-500   |        |                   |                   | R-12, R-134A, R-22, R-32, R-401A/B/C, R-402A/B, R-404A, R-407C/D/E/F, R-408A, R-409A, R-411A/B, R-412A, R-502, R-509A |                  |
|                             | Class IV  | R-22, R-401A/B, R-402B, R-407C/D/E/F, R-408A, R-409A, R-411A/B, R-412A, R-502, R-509A |        |                   |                   |   |                  |
|                             | Class V   | R-402A, R-404A, R-407A/B, R-410A/B, R-507A  |        |                   |                   |   |                  |
| Operating Temperature Range | 32°F to 120°F (0°C to 49°C)                         |   |        |                   |                   |   |                  |
| Power Cord Length           | 3.5 Ft. (1.06 m)                                    |   |        |                   |                   |   |                  |
| Dimensions                  | Inch: 8.5" x 16.7" x 12.3" (cm: 21.6 x 42.4 x 31.2) |   |        |                   |                   |   |                  |
| Weight                      | 28 Lbs (12.7 Kg)                                    |   |        |                   |                   |   |                  |
| Approvals                   | UL, CE, CSA, TUV                                    |   |        |                   |                   |   |                  |
| Warranty (Years)            | 1   |   |        |                   |                   |   |                  |

### TR600 SERIES SERVICE PARTS

| Item    | Description                            | Where Used (Series)      |
|---------|--|--------------------------|
| TR21X1  | Valve Rebuild Kit                      | All TR Recovery Machines |
| TR21X3  | TR21 Piston/Connecting Rod Replacement |                          |
| TR21X2  | Complete Rebuild Kit                   | TR600                    |
| TR21X5  | TR19/TR21 Eccentric Set                |                          |
| TR700X1 | Head Replacement                       |                          |