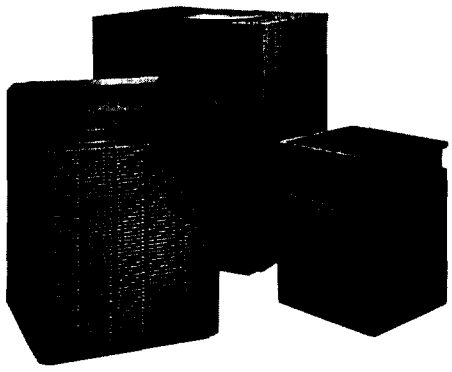
TRANE

TTB-PD-2

Performance Data

TTB5 (60 Hz)

Models
TTB512C100A0
TTB518C100A0
TTB524C100A0
TTB530C100A0
TTB536C100A0



PUB. NO. TTB-PD-2-6/97

Contents

Pub. No. TTB-PD-2

Contents

TRANE™

Performance Data
Cooling English

TTB512C1 WITH MCD512D100A AT 300 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	11.6	9.0	9.5	10.1	10.6	11.2	1.06	46.0
85	63	12.6	8.0	8.5	9.1	9.6	10.2	1.09	49.0
	67	13.7	6.8	7.4	7.9	8.5	9.0	1.12	52.9
	71	14.8	5.6	6.2	6.8	7.3	7.9	1.16	57.2
	59	11.7	9.0	9.6	10.1	10.7	11.2	1.12	45.6
90	63	12.7	8.0	8.6	9.1	9.7	10.2	1.15	48.4
	67	13.8	6.9	7.4	8.0	8.6	9.1	1.19	52.0
	71	14.9	5.7	6.3	6.8	7.4	7.9	1.22	56.5
	59	11.8	9.1	9.7	10.2	10.8	11.3	1.19	45.2
95	63	12.8	8.1	8.6	9.2	9.7	10.3	1.22	47.7
	67	14.0	7.0	7.5	8.1	8.6	9.2	1.25	51.0
	71	15.1	5.8	6.3	6.9	7.5	8.0	1.28	55.8
	59	11.5	9.0	9.5	10.1	10.6	11.2	1.23	46.1
100	63	12.6	7.9	8.5	9.1	9.6	10.2	1.26	49.1
	67	13.7	6.8	7.4	7.9	8.5	9.0	1.29	52.8
	71	14.8	5.7	6.2	6.8	7.3	7.9	1.32	57.1
	59	11.3	8.8	9.4	9.9	10.5	11.0	1.27	47.0
105	63	12.3	7.8	8.4	8.9	9.5	10.0	1.30	50.3
	67	13.4	6.7	7.2	7.8	8.3	8.9	1.33	54.4
	71	14.5	5.5	6.1	6.6	7.2	7.7	1.36	58.3
	59	10.7	8.5	9.1	9.6	10.2	10.7	1.35	48.7
115	63	11.7	7.5	8.1	8.6	9.2	9.7	1.38	52.5
	67	12.8	6.4	7.0	7.5	8.1	8.6	1.41	56.9
	71	13.8	5.3	5.8	6.4	6.9	7.5	1.43	60.3

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 14000 BTUH
AIRFLOW = 300 CFM
APP. DEW PT. = 51.0 DEG. F
COMPRESSOR POWER = 1249 WATTS
I.D. FAN POWER = 80 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.35 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB512C1 WITH MCW512FB0RA AT 270 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	12.1	8.5	9.0	9.5	10.0	10.4	1.04	40.0
85	63	13.2	7.6	8.1	8.6	9.1	9.5	1.07	36.1
	67	14.3	6.7	7.1	7.6	8.1	8.6	1.10	41.6
	71	15.5	5.7	6.1	6.6	7.1	7.6	1.14	49.8
	59	11.9	8.4	8.9	9.3	9.8	10.3	1.08	41.3
90	63	12.9	7.5	8.0	8.4	8.9	9.4	1.12	40.3
	67	14.0	6.5	7.0	7.5	7.9	8.4	1.15	40.9
	71	15.2	5.5	6.0	6.5	6.9	7.4	1.18	49.1
	59	11.6	8.2	8.7	9.2	9.7	10.2	1.13	42.5
95	63	12.6	7.3	7.8	8.3	8.8	9.2	1.16	43.2
	67	13.7	6.4	6.8	7.3	7.8	8.3	1.19	43.9
	71	14.8	5.4	5.8	6.3	6.8	7.3	1.22	48.4
	59	11.4	8.1	8.6	9.1	9.6	10.0	1.18	43.5
100	63	12.4	7.2	7.7	8.2	8.6	9.1	1.21	45.2
	67	13.4	6.2	6.7	7.2	7.7	8.1	1.24	48.2
	71	14.4	5.2	5.7	6.2	6.6	7.1	1.27	51.1
	59	11.1	8.0	8.5	8.9	9.4	9.9	1.23	44.5
105	63	12.1	7.1	7.6	8.0	8.5	9.0	1.26	46.9
	67	13.1	6.1	6.6	7.0	7.5	8.0	1.29	50.7
	71	14.1	5.1	5.5	6.0	6.5	7.0	1.32	55.8
	59	10.6	7.7	8.2	8.7	9.2	9.6	1.33	46.4
115	63	11.5	6.8	7.3	7.8	8.2	8.7	1.35	49.7
	67	12.4	5.8	6.3	6.8	7.3	7.7	1.38	54.9
	71	13.4	4.8	5.3	5.7	6.2	6.7	1.41	58.4

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 13700 BTUH
AIRFLOW = 270 CFM
APP. DEW PT. = 43.9 DEG. F
COMPRESSOR POWER = 1191 WATTS
I.D. FAN POWER = 31 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.05 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB512C1 WITH MCD512D100A AT 0.14 CMS (300 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	3.3	3.4	3.4	3.5	3.3	3.2
	Sensible kW	2.5	2.6	2.6	2.6	2.5	2.4
	SHR (%)	76	75	75	75	76	77
	Compressor kW	1.0	1.1	1.1	1.2	1.3	1.3
24.0/17.0	Capacity kW	3.6	3.7	3.7	3.7	3.6	3.4
	Sensible kW	2.6	2.6	2.6	2.7	2.6	2.5
	SHR (%)	72	72	71	71	72	73
	Compressor kW	1.0	1.1	1.1	1.2	1.3	1.4
29.0/21.0	Capacity kW	3.8	3.9	4.0	4.0	3.9	3.7
	Sensible kW	2.6	2.6	2.6	2.7	2.6	2.5
	SHR (%)	67	67	66	66	67	68
	Compressor kW	1.0	1.1	1.2	1.2	1.3	1.4

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.09 KW
AIRFLOW = 0.14 CMS
AIRFLOW = 300. CFM
APP. DEW PT. = 10.6 DEG. C
COMPRESSOR POWER = 1249 WATTS
I.D. FAN POWER = 80 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.67
EER = 9.10 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TTB512C1 WITH MCW512FB0RA AT 0.13 CMS (270 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	3.6	3.6	3.5	3.4	3.3	3.1
	Sensible kW	2.5	2.4	2.4	2.4	2.3	2.2
	SHR (%)	68	68	69	69	70	70
	Compressor kW	1.0	1.0	1.1	1.1	1.2	1.3
24.0/17.0	Capacity kW	3.9	3.9	3.8	3.7	3.5	3.4
	Sensible kW	2.5	2.5	2.4	2.4	2.3	2.3
	SHR (%)	65	65	65	65	66	67
	Compressor kW	1.0	1.1	1.1	1.2	1.2	1.3
29.0/21.0	Capacity kW	4.2	4.2	4.1	4.0	3.8	3.6
	Sensible kW	2.5	2.5	2.4	2.4	2.3	2.3
	SHR (%)	60	60	60	61	61	62
	Compressor kW	1.0	1.1	1.1	1.2	1.3	1.4

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.01 KW
AIRFLOW = 0.13 CMS
AIRFLOW = 270. CFM
APP. DEW PT. = 6.6 DEG. C
COMPRESSOR POWER = 1191 WATTS
I.D. FAN POWER = 31 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.86
EER = 9.75 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB512C1 WITH MCX512C1 AT 400 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	12.5	9.6	10.3	11.0	11.7	12.3	1.16	42.9
85	63	13.6	8.4	9.0	9.7	10.4	11.1	1.19	47.2
	67	14.7	7.0	7.6	8.3	9.0	9.7	1.22	50.9
	71	15.9	5.5	6.2	6.8	7.5	8.2	1.26	54.8
	59	12.6	9.7	10.3	11.0	11.7	12.4	1.23	42.7
90	63	13.6	8.4	9.1	9.8	10.4	11.1	1.26	47.0
	67	14.8	7.0	7.7	8.3	9.0	9.7	1.29	50.8
	71	15.9	5.5	6.2	6.9	7.6	8.2	1.33	54.7
	59	12.6	9.7	10.4	11.0	11.7	12.4	1.29	42.6
95	63	13.7	8.4	9.1	9.8	10.5	11.1	1.33	46.9
	67	14.9	7.0	7.7	8.4	9.0	9.7	1.36	50.7
	71	16.0	5.6	6.2	6.9	7.6	8.3	1.39	54.5
	59	12.3	9.6	10.2	10.9	11.6	12.3	1.33	43.2
100	63	13.4	8.3	9.0	9.7	10.3	11.0	1.36	47.4
	67	14.5	6.9	7.6	8.2	8.9	9.6	1.40	51.2
	71	15.7	5.4	6.1	6.8	7.5	8.1	1.43	55.1
	59	12.1	9.4	10.1	10.8	11.5	12.1*	1.37	43.8
105	63	13.1	8.2	8.8	9.5	10.2	10.9	1.40	47.9
	67	14.2	6.8	7.4	8.1	8.8	9.5	1.43	51.7
	71	15.3	5.3	6.0	6.7	7.3	8.0	1.47	55.6
	59	11.5	9.2	9.8	10.5	11.2	11.7*	1.45	45.0
115	63	12.5	7.9	8.6	9.3	9.9	10.6	1.48	48.9
	67	13.6	6.5	7.2	7.9	8.5	9.2	1.51	52.7
	71	14.7	5.0	5.7	6.4	7.1	7.7	1.54	56.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 14900 BTUH
AIRFLOW = 400 CFM
APP. DEW PT. = 50.7 DEG. F
COMPRESSOR POWER = 1359 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.30 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB512C1 WITH MCX512E1 AT 400 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	12.5	9.6	10.3	11.0	11.7	12.3	1.16	42.9
85	63	13.6	8.4	9.0	9.7	10.4	11.1	1.19	47.2
	67	14.7	7.0	7.6	8.3	9.0	9.7	1.22	50.9
	71	15.9	5.5	6.2	6.8	7.5	8.2	1.26	54.8
	59	12.6	9.7	10.3	11.0	11.7	12.4	1.23	42.7
90	63	13.6	8.4	9.1	9.8	10.4	11.1	1.26	47.0
	67	14.8	7.0	7.7	8.3	9.0	9.7	1.29	50.8
	71	15.9	5.5	6.2	6.9	7.6	8.2	1.33	54.7
	59	12.6	9.7	10.4	11.0	11.7	12.4	1.29	42.6
95	63	13.7	8.4	9.1	9.8	10.5	11.1	1.33	46.9
	67	14.9	7.0	7.7	8.4	9.0	9.7	1.36	50.7
	71	16.0	5.6	6.2	6.9	7.6	8.3	1.39	54.5
	59	12.3	9.6	10.2	10.9	11.6	12.3	1.33	43.2
100	63	13.4	8.3	9.0	9.7	10.3	11.0	1.36	47.4
	67	14.5	6.9	7.6	8.2	8.9	9.6	1.40	51.2
	71	15.7	5.4	6.1	6.8	7.5	8.1	1.43	55.1
	59	12.1	9.4	10.1	10.8	11.5	12.1*	1.37	43.8
105	63	13.1	8.2	8.8	9.5	10.2	10.9	1.40	47.9
	67	14.2	6.8	7.4	8.1	8.8	9.5	1.43	51.7
	71	15.3	5.3	6.0	6.7	7.3	8.0	1.47	55.6
	59	11.5	9.2	9.8	10.5	11.2	11.7*	1.45	45.0
115	63	12.5	7.9	8.6	9.3	9.9	10.6	1.48	48.9
	67	13.6	6.5	7.2	7.9	8.5	9.2	1.51	52.7
	71	14.7	5.0	5.7	6.4	7.1	7.7	1.54	56.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 14900 BTUH
AIRFLOW = 400 CFM
APP. DEW PT. = 50.7 DEG. F
COMPRESSOR POWER = 1359 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.30 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB512C1 WITH MCX512C1 AT 0.19 CMS (400 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	3.6	3.7	3.7	3.7	3.6	3.4
	Sensible kW	2.7	2.7	2.7	2.7	2.7	2.6
	SHR (%)	75	74	74	74	75	76
	Compressor kW	1.1	1.1	1.2	1.3	1.4	1.4
24.0/17.0	Capacity kW	3.9	3.9	4.0	4.0	3.8	3.7
	Sensible kW	2.8	2.8	2.8	2.8	2.8	2.7
	SHR (%)	72	71	71	71	72	73
	Compressor kW	1.1	1.2	1.2	1.3	1.4	1.5
29.0/21.0	Capacity kW	4.2	4.2	4.3	4.3	4.1	4.0
	Sensible kW	2.8	2.8	2.8	2.9	2.8	2.7
	SHR (%)	67	67	67	67	68	69
	Compressor kW	1.1	1.2	1.3	1.4	1.4	1.5

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.35 KW
AIRFLOW = 0.19 CMS
AIRFLOW = 400. CFM
APP. DEW PT. = 10.4 DEG. C
COMPRESSOR POWER = 1359 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.64
EER = 9.00 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TTB512C1 WITH MCX512E1 AT 0.19 CMS (400 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	3.6	3.7	3.7	3.7	3.6	3.4
	Sensible kW	2.7	2.7	2.7	2.7	2.7	2.6
	SHR (%)	75	74	74	74	75	76
	Compressor kW	1.1	1.1	1.2	1.3	1.4	1.4
24.0/17.0	Capacity kW	3.9	3.9	4.0	4.0	3.8	3.7
	Sensible kW	2.8	2.8	2.8	2.8	2.8	2.7
	SHR (%)	72	71	71	71	72	73
	Compressor kW	1.1	1.2	1.2	1.3	1.4	1.5
29.0/21.0	Capacity kW	4.2	4.2	4.3	4.3	4.1	4.0
	Sensible kW	2.8	2.8	2.8	2.9	2.8	2.7
	SHR (%)	67	67	67	67	68	69
	Compressor kW	1.1	1.2	1.3	1.4	1.4	1.5

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.35 KW
AIRFLOW = 0.19 CMS
AIRFLOW = 400. CFM
APP. DEW PT. = 10.4 DEG. C
COMPRESSOR POWER = 1359 WATTS
I.D. FAN POWER = 85 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.64
EER = 9.00 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB512C1 WITH TWE018C14 AT 450 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	14.3	11.5	12.3	13.2	14.0	14.5*	1.09	45.2
85	63	15.5	10.0	10.8	11.6	12.4	13.2	1.13	49.5
	67	16.7	8.2	9.0	9.8	10.7	11.5	1.16	53.5
	71	17.9	6.4	7.2	8.0	8.9	9.7	1.20	57.5
	59	14.2	11.4	12.3	13.1	13.9	14.4*	1.15	45.5
90	63	15.3	9.9	10.7	11.5	12.3	13.2	1.18	49.7
	67	16.5	8.1	8.9	9.8	10.6	11.4	1.22	53.7
	71	17.7	6.3	7.1	8.0	8.8	9.6	1.25	57.8
	59	14.0	11.4	12.2	13.0	13.8	14.3*	1.20	45.7
95	63	15.1	9.8	10.6	11.4	12.3	13.1	1.24	50.0
	67	16.3	8.0	8.9	9.7	10.5	11.3	1.27	54.0
	71	17.5	6.3	7.1	7.9	8.7	9.5	1.31	58.1
	59	13.6	11.2	12.0	12.8	13.6*	13.9*	1.25	46.5
100	63	14.7	9.6	10.4	11.2	12.1	12.9	1.29	50.6
	67	15.8	7.8	8.7	9.5	10.3	11.1	1.32	54.6
	71	16.9	6.0	6.9	7.7	8.5	9.3	1.36	58.7
	59	13.2	11.0	11.8	12.6	13.3*	13.6*	1.31	47.4
105	63	14.2	9.4	10.2	11.0	11.9	12.7	1.34	51.2
	67	15.3	7.6	8.5	9.3	10.1	10.9	1.37	55.2
	71	16.4	5.8	6.7	7.5	8.3	9.1	1.41	59.4
	59	12.3	10.6	11.4	12.2	12.6*	12.9*	1.41	48.5
115	63	13.3	9.0	9.8	10.6	11.4	12.3	1.44	52.3
	67	14.3	7.2	8.0	8.9	9.7	10.5	1.47	56.4
	71	15.3	5.4	6.2	7.1	7.9	8.7	1.51	60.6

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	400	500
TOTAL CAP.	X0.98	X1.02
SENS. CAP.	X0.95	X1.05
COMPR. KW	X0.99	X1.01
A.D.P.	-1.7	+ 1.4

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 16300 BTUH
AIRFLOW = 450 CFM
APP. DEW PT. = 54.0 DEG. F
COMPRESSOR POWER = 1272 WATTS
I.D. FAN POWER = 128 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.40 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB512C1 WITH TWG018A14 AT 450 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	14.2	11.7	12.5	13.4	14.2*	14.6*	1.09	46.1
85	63	15.4	10.0	10.9	11.8	12.6	13.5	1.12	50.2
	67	16.6	8.2	9.1	9.9	10.8	11.7	1.16	54.2
	71	17.8	6.4	7.2	8.1	8.9	9.8	1.19	58.4
	59	14.1	11.6	12.5	13.3	14.1*	14.5*	1.14	46.6
90	63	15.2	10.0	10.8	11.7	12.5	13.4	1.18	50.4
	67	16.4	8.1	9.0	9.9	10.7	11.6	1.21	54.5
	71	17.6	6.3	7.1	8.0	8.8	9.7	1.25	58.6
	59	13.9	11.5	12.4	13.2	14.0*	14.3*	1.20	46.8
95	63	15.0	9.9	10.7	11.6	12.5	13.3	1.23	50.6
	67	16.2	8.1	8.9	9.8	10.6	11.5	1.27	54.7
	71	17.4	6.2	7.0	7.9	8.8	9.6	1.30	58.9
	59	13.5	11.3	12.2	13.0	13.6*	14.0*	1.25	47.4
100	63	14.5	9.7	10.5	11.4	12.2	13.1	1.28	51.2
	67	15.6	7.8	8.7	9.6	10.4	11.3	1.32	55.3
	71	16.8	6.0	6.8	7.7	8.5	9.4	1.35	59.5
	59	13.0	11.1	12.0	12.8	13.3*	13.6*	1.30	47.9
105	63	14.1	9.5	10.3	11.2	12.0	12.9	1.33	51.7
	67	15.1	7.6	8.5	9.4	10.2	11.1	1.37	55.8
	71	16.2	5.8	6.6	7.5	8.3	9.2	1.40	60.0
	59	12.2	10.7	11.6	12.3*	12.6*	12.9*	1.40	49.0
115	63	13.1	9.1	9.9	10.8	11.6	12.5	1.43	52.8
	67	14.1	7.2	8.1	8.9	9.8	10.6	1.47	57.0
	71	15.1	5.3	6.2	7.1	7.9	8.8	1.50	61.2

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	400	500
TOTAL CAP.	X0.98	X1.02
SENS. CAP.	X0.95	X1.05
COMPR. KW	X0.99	X1.01
A.D.P.	-1.4	+ 1.2

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 16200 BTUH
AIRFLOW = 450 CFM
APP. DEW PT. = 54.7 DEG. F
COMPRESSOR POWER = 1268 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.40 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB512C1 WITH TWE018C14 AT 0.21 CMS (450 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.3	4.2	4.2	4.1	3.9	3.7
	Sensible kW	3.3	3.3	3.2	3.2	3.1	3.0
	SHR (%)	77	77	78	78	80	82
	Compressor kW	1.0	1.1	1.1	1.2	1.3	1.4
24.0/17.0	Capacity kW	4.6	4.5	4.5	4.4	4.2	3.9
	Sensible kW	3.4	3.4	3.3	3.3	3.2	3.1
	SHR (%)	74	74	75	75	77	79
	Compressor kW	1.0	1.1	1.2	1.2	1.3	1.4
29.0/21.0	Capacity kW	4.9	4.8	4.8	4.7	4.4	4.2
	Sensible kW	3.4	3.4	3.4	3.3	3.2	3.1
	SHR (%)	70	70	71	71	73	75
	Compressor kW	1.1	1.1	1.2	1.3	1.4	1.4

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.189	0.236
TOTAL CAP.	X0.98	X1.02
SENS. CAP.	X0.95	X1.05
COMPR. KW	X0.99	X1.01

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.77 KW
AIRFLOW = 0.21 CMS
AIRFLOW = 450. CFM
APP. DEW PT. = 12.2 DEG. C
COMPRESSOR POWER = 1272 WATTS
I.D. FAN POWER = 128 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.95
EER = 10.05 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TTB512C1 WITH TWG018A14 AT 0.21 CMS (450 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.2	4.2	4.1	4.1	3.8	3.6
	Sensible kW	3.3	3.3	3.3	3.2	3.1	3.0
	SHR (%)	78	79	79	80	82	84
	Compressor kW	1.0	1.1	1.1	1.2	1.3	1.4
24.0/17.0	Capacity kW	4.5	4.5	4.4	4.4	4.1	3.9
	Sensible kW	3.4	3.4	3.4	3.3	3.2	3.1
	SHR (%)	76	76	76	77	79	81
	Compressor kW	1.0	1.1	1.2	1.2	1.3	1.4
29.0/21.0	Capacity kW	4.8	4.8	4.7	4.7	4.4	4.1
	Sensible kW	3.5	3.4	3.4	3.4	3.3	3.2
	SHR (%)	71	72	72	73	75	77
	Compressor kW	1.1	1.1	1.2	1.3	1.4	1.4

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.189	0.236
TOTAL CAP.	X0.98	X1.02
SENS. CAP.	X0.95	X1.05
COMPR. KW	X0.99	X1.01

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.74 KW
AIRFLOW = 0.21 CMS
AIRFLOW = 450. CFM
APP. DEW PT. = 12.6 DEG. C
COMPRESSOR POWER = 1268 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.93
EER = 10.00 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB518C1 WITH MCD518D100A AT 450 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	14.5	12.1	12.9	13.7	14.5	14.9*	1.21	46.5
85	63	15.8	10.6	11.4	12.2	13.0	13.8	1.25	50.6
	67	17.0	8.9	9.7	10.5	11.3	12.1	1.30	54.8
	71	18.4	7.1	7.9	8.8	9.6	10.4	1.35	58.4
	59	14.6	12.1	12.9	13.7	14.5	14.9*	1.27	46.4
90	63	15.8	10.6	11.4	12.2	13.0	13.8	1.32	50.5
	67	17.1	8.9	9.7	10.5	11.3	12.1	1.37	54.7
	71	18.4	7.2	8.0	8.8	9.6	10.4	1.42	58.3
	59	14.6	12.1	12.9	13.7	14.5	14.9*	1.34	46.3
95	63	15.8	10.6	11.4	12.2	13.0	13.9	1.39	50.4
	67	17.1	8.9	9.7	10.5	11.4	12.2	1.44	54.6
	71	18.5	7.2	8.0	8.8	9.6	10.4	1.50	58.2
	59	14.1	11.9	12.7	13.5	14.2*	14.6*	1.39	47.4
100	63	15.4	10.4	11.2	12.0	12.8	13.6	1.44	51.6
	67	16.6	8.7	9.5	10.3	11.1	11.9	1.49	55.6
	71	17.9	6.9	7.7	8.6	9.4	10.2	1.55	59.3
	59	13.7	11.6	12.5	13.3	13.9*	14.2*	1.44	48.4
105	63	14.9	10.2	11.0	11.8	12.6	13.4	1.49	52.9
	67	16.1	8.5	9.3	10.1	10.9	11.7	1.54	56.6
	71	17.3	6.7	7.5	8.3	9.1	9.9	1.60	60.3
	59	12.8	11.2	12.0	12.8*	13.1*	13.5*	1.54	50.4
115	63	13.9	9.7	10.5	11.3	12.1	12.9	1.59	54.5
	67	15.0	8.0	8.8	9.6	10.4	11.2	1.64	58.3
	71	16.2	6.2	7.0	7.8	8.6	9.4	1.70	62.2

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 17200 BTUH
AIRFLOW = 450 CFM
APP. DEW PT. = 54.6 DEG. F
COMPRESSOR POWER = 1442 WATTS
I.D. FAN POWER = 120 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.00 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB518C1 WITH MCW518FB0RA AT 300 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	13.5	9.7	10.2	10.7	11.3	11.8	1.17	46.4
85	63	14.7	8.6	9.2	9.7	10.3	10.8	1.21	44.8
	67	15.9	7.5	8.1	8.6	9.2	9.7	1.26	46.3
	71	17.2	6.4	6.9	7.5	8.0	8.6	1.31	54.5
	59	13.3	9.6	10.1	10.7	11.2	11.8	1.22	47.0
90	63	14.5	8.5	9.1	9.6	10.2	10.7	1.27	46.4
	67	15.7	7.5	8.0	8.5	9.1	9.6	1.32	45.9
	71	17.0	6.3	6.9	7.4	7.9	8.5	1.37	54.1
	59	13.2	9.5	10.1	10.6	11.1	11.7	1.28	47.5
95	63	14.3	8.5	9.0	9.6	10.1	10.7	1.33	47.8
	67	15.6	7.4	7.9	8.5	9.0	9.6	1.38	45.5
	71	16.8	6.2	6.8	7.3	7.9	8.4	1.43	53.8
	59	12.8	9.3	9.9	10.4	11.0	11.5	1.33	48.8
100	63	14.0	8.3	8.8	9.4	9.9	10.5	1.38	50.2
	67	15.2	7.2	7.7	8.3	8.8	9.4	1.43	53.0
	71	16.4	6.0	6.6	7.1	7.7	8.2	1.48	54.8
	59	12.5	9.1	9.7	10.2	10.8	11.3	1.38	49.9
105	63	13.6	8.1	8.7	9.2	9.8	10.3	1.43	52.2
	67	14.7	7.0	7.5	8.1	8.6	9.2	1.48	55.9
	71	15.9	5.8	6.4	6.9	7.5	8.0	1.53	60.9
	59	11.8	8.8	9.3	9.9	10.4	11.0	1.49	52.0
115	63	12.9	7.8	8.3	8.9	9.4	9.9	1.54	55.4
	67	13.9	6.6	7.2	7.7	8.3	8.8	1.59	60.3
	71	15.0	5.5	6.0	6.6	7.1	7.7	1.64	63.9

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 15600 BTUH
AIRFLOW = 300 CFM
APP. DEW PT. = 45.5 DEG. F
COMPRESSOR POWER = 1375 WATTS
I.D. FAN POWER = 48 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.15 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB518C1 WITH MCD518D100A AT 0.21 CMS (450 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.2	4.3	4.3	4.3	4.0	3.8
	Sensible kW	3.4	3.4	3.4	3.4	3.3	3.2
	SHR (%)	81	80	80	80	82	84
	Compressor kW	1.1	1.2	1.3	1.3	1.4	1.5
24.0/17.0	Capacity kW	4.5	4.6	4.6	4.6	4.3	4.1
	Sensible kW	3.5	3.5	3.5	3.5	3.4	3.3
	SHR (%)	77	77	77	77	78	80
	Compressor kW	1.2	1.2	1.3	1.4	1.5	1.6
29.0/21.0	Capacity kW	4.9	4.9	4.9	4.9	4.7	4.4
	Sensible kW	3.5	3.5	3.5	3.6	3.4	3.3
	SHR (%)	72	72	72	72	73	75
	Compressor kW	1.2	1.3	1.4	1.4	1.5	1.6

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.02 KW
AIRFLOW = 0.21 CMS
AIRFLOW = 450. CFM
APP. DEW PT. = 12.6 DEG. C
COMPRESSOR POWER = 1442 WATTS
I.D. FAN POWER = 120 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.83
EER = 9.65 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TTB518C1 WITH MCW518FB0RA AT 0.14 CMS (300 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.0	3.9	3.9	3.9	3.7	3.5
	Sensible kW	2.8	2.8	2.7	2.7	2.6	2.5
	SHR (%)	70	70	70	70	71	72
	Compressor kW	1.1	1.2	1.2	1.3	1.4	1.5
24.0/17.0	Capacity kW	4.3	4.3	4.2	4.2	4.0	3.8
	Sensible kW	2.8	2.8	2.8	2.8	2.7	2.6
	SHR (%)	66	66	66	66	67	68
	Compressor kW	1.1	1.2	1.3	1.3	1.4	1.5
29.0/21.0	Capacity kW	4.6	4.6	4.5	4.5	4.3	4.1
	Sensible kW	2.8	2.8	2.8	2.8	2.7	2.6
	SHR (%)	61	61	61	62	62	64
	Compressor kW	1.2	1.2	1.3	1.4	1.5	1.6

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 4.56 KW
AIRFLOW = 0.14 CMS
AIRFLOW = 300. CFM
APP. DEW PT. = 7.5 DEG. C
COMPRESSOR POWER = 1375 WATTS
I.D. FAN POWER = 48 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.84
EER = 9.70 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling — English

TTB518C1 WITH MCX518C1 AT 475 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	15.1	12.8	13.8	14.7	15.3*	15.7*	1.25	47.6
85	63	16.3	11.0	12.0	12.9	13.9	14.8	1.30	51.3
	67	17.6	9.1	10.0	10.9	11.9	12.8	1.35	55.3
	71	19.0	7.0	8.0	8.9	9.9	10.8	1.40	59.4
	59	15.0	12.8	13.7	14.7	15.3*	15.7*	1.31	47.7
90	63	16.3	11.0	12.0	12.9	13.8	14.8	1.36	51.4
	67	17.6	9.0	10.0	10.9	11.9	12.8	1.41	55.4
	71	18.9	7.0	7.9	8.9	9.8	10.8	1.47	59.5
	59	14.9	12.8	13.7	14.6	15.2*	15.6*	1.38	47.8
95	63	16.2	11.0	11.9	12.9	13.8	14.7	1.43	51.5
	67	17.5	9.0	9.9	10.9	11.8	12.8	1.48	55.5
	71	18.8	7.0	7.9	8.8	9.8	10.7	1.53	59.6
	59	14.5	12.5	13.5	14.4	14.9*	15.3*	1.42	48.2
100	63	15.7	10.8	11.7	12.7	13.6	14.5	1.47	52.0
	67	17.0	8.8	9.7	10.7	11.6	12.6	1.53	56.0
	71	18.3	6.7	7.7	8.6	9.6	10.5	1.58	60.1
	59	14.1	12.3	13.3	14.1*	14.5*	14.9*	1.47	48.7
105	63	15.3	10.6	11.5	12.4	13.4	14.3	1.52	52.5
	67	16.5	8.6	9.5	10.5	11.4	12.3	1.57	56.5
	71	17.8	6.5	7.5	8.4	9.4	10.3	1.63	60.6
	59	13.2	11.9	12.9	13.5*	13.8*	14.2*	1.57	49.7
115	63	14.4	10.1	11.1	12.0	13.0	13.9	1.62	53.4
	67	15.5	8.2	9.1	10.0	11.0	11.9	1.67	57.5
	71	16.7	6.1	7.1	8.0	8.9	9.9	1.72	61.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 17500 BTUH
AIRFLOW = 475 CFM
APP. DEW PT. = 55.5 DEG. F
COMPRESSOR POWER = 1477 WATTS
I.D. FAN POWER = 95 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.25 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB518C1 WITH MCX518E1 AT 475 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	15.1	12.8	13.8	14.7	15.3*	15.7*	1.25	47.6
85	63	16.3	11.0	12.0	12.9	13.9	14.8	1.30	51.3
	67	17.6	9.1	10.0	10.9	11.9	12.8	1.35	55.3
	71	19.0	7.0	8.0	8.9	9.9	10.8	1.40	59.4
	59	15.0	12.8	13.7	14.7	15.3*	15.7*	1.31	47.7
90	63	16.3	11.0	12.0	12.9	13.8	14.8	1.36	51.4
	67	17.6	9.0	10.0	10.9	11.9	12.8	1.41	55.4
	71	18.9	7.0	7.9	8.9	9.8	10.8	1.47	59.5
	59	14.9	12.8	13.7	14.6	15.2*	15.6*	1.38	47.8
95	63	16.2	11.0	11.9	12.9	13.8	14.7	1.43	51.5
	67	17.5	9.0	9.9	10.9	11.8	12.8	1.48	55.5
	71	18.8	7.0	7.9	8.8	9.8	10.7	1.53	59.6
	59	14.5	12.5	13.5	14.4	14.9*	15.3*	1.42	48.2
100	63	15.7	10.8	11.7	12.7	13.6	14.5	1.47	52.0
	67	17.0	8.8	9.7	10.7	11.6	12.6	1.53	56.0
	71	18.3	6.7	7.7	8.6	9.6	10.5	1.58	60.1
	59	14.1	12.3	13.3	14.1*	14.5*	14.9*	1.47	48.7
105	63	15.3	10.6	11.5	12.4	13.4	14.3	1.52	52.5
	67	16.5	8.6	9.5	10.5	11.4	12.3	1.57	56.5
	71	17.8	6.5	7.5	8.4	9.4	10.3	1.63	60.6
	59	13.2	11.9	12.9	13.5*	13.8*	14.2*	1.57	49.7
115	63	14.4	10.1	11.1	12.0	13.0	13.9	1.62	53.4
	67	15.5	8.2	9.1	10.0	11.0	11.9	1.67	57.5
	71	16.7	6.1	7.1	8.0	8.9	9.9	1.72	61.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 17500 BTUH
AIRFLOW = 475 CFM
APP. DEW PT. = 55.5 DEG. F
COMPRESSOR POWER = 1477 WATTS
I.D. FAN POWER = 95 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.25 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB518C1 WITH MCX518C1 AT 0.22 CMS (475 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.4	4.4	4.4	4.4	4.2	3.9
	Sensible kW	3.6	3.6	3.6	3.6	3.5	3.4
	SHR (%)	82	82	82	82	84	86
	Compressor kW	1.2	1.2	1.3	1.4	1.5	1.5
24.0/17.0	Capacity kW	4.7	4.8	4.7	4.7	4.5	4.2
	Sensible kW	3.7	3.7	3.7	3.7	3.6	3.5
	SHR (%)	79	79	79	79	81	83
	Compressor kW	1.2	1.3	1.4	1.4	1.5	1.6
29.0/21.0	Capacity kW	5.0	5.1	5.1	5.0	4.8	4.5
	Sensible kW	3.8	3.8	3.8	3.8	3.7	3.6
	SHR (%)	75	74	74	75	76	78
	Compressor kW	1.2	1.3	1.4	1.5	1.6	1.6

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.13 KW
AIRFLOW = 0.22 CMS
AIRFLOW = 475. CFM
APP. DEW PT. = 13.0 DEG. C
COMPRESSOR POWER = 1477 WATTS
I.D. FAN POWER = 95 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.89
EER = 9.85 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TTB518C1 WITH MCX518E1 AT 0.22 CMS (475 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.4	4.4	4.4	4.4	4.2	3.9
	Sensible kW	3.6	3.6	3.6	3.6	3.5	3.4
	SHR (%)	82	82	82	82	84	86
	Compressor kW	1.2	1.2	1.3	1.4	1.5	1.5
24.0/17.0	Capacity kW	4.7	4.8	4.7	4.7	4.5	4.2
	Sensible kW	3.7	3.7	3.7	3.7	3.6	3.5
	SHR (%)	79	79	79	79	81	83
	Compressor kW	1.2	1.3	1.4	1.4	1.5	1.6
29.0/21.0	Capacity kW	5.0	5.1	5.1	5.0	4.8	4.5
	Sensible kW	3.8	3.8	3.8	3.8	3.7	3.6
	SHR (%)	75	74	74	75	76	78
	Compressor kW	1.2	1.3	1.4	1.5	1.6	1.6

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.13 KW
AIRFLOW = 0.22 CMS
AIRFLOW = 475. CFM
APP. DEW PT. = 13.0 DEG. C
COMPRESSOR POWER = 1477 WATTS
I.D. FAN POWER = 95 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.89
EER = 9.85 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB518C1 WITH TWE018C14 AT 600 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	16.4	14.0	15.1	16.1	16.7*	17.2*	1.28	47.5
85	63	17.7	12.0	13.0	14.1	15.2	16.2	1.33	51.3
	67	19.1	9.7	10.8	11.8	12.9	13.9	1.38	55.3
	71	20.5	7.3	8.4	9.5	10.5	11.6	1.43	59.4
	59	16.2	13.9	15.0	16.1	16.6*	17.0*	1.34	47.7
90	63	17.5	11.9	13.0	14.0	15.1	16.1	1.39	51.5
	67	18.9	9.6	10.7	11.7	12.8	13.9	1.44	55.5
	71	20.3	7.3	8.3	9.4	10.4	11.5	1.50	59.6
	59	16.1	13.9	14.9	16.0	16.4*	16.9*	1.40	47.9
95	63	17.3	11.8	12.9	13.9	15.0	16.1	1.46	51.7
	67	18.7	9.5	10.6	11.6	12.7	13.8	1.51	55.7
	71	20.0	7.2	8.2	9.3	10.4	11.4	1.56	59.9
	59	15.6	13.6	14.7	15.6*	16.0*	16.4*	1.45	48.4
100	63	16.8	11.6	12.6	13.7	14.8	15.8	1.51	52.2
	67	18.1	9.3	10.3	11.4	12.5	13.5	1.56	56.3
	71	19.4	6.9	8.0	9.0	10.1	11.2	1.62	60.5
	59	15.0	13.4	14.4	15.2*	15.6*	16.0*	1.51	48.9
105	63	16.2	11.3	12.4	13.4	14.5	15.6	1.56	52.8
	67	17.4	9.0	10.1	11.1	12.2	13.3	1.61	56.9
	71	18.7	6.7	7.7	8.8	9.9	10.9	1.67	61.0
	59	14.0	12.9	14.0	14.4*	14.8*	15.1*	1.61	50.0
115	63	15.1	10.8	11.9	13.0	14.0	15.1	1.66	53.8
	67	16.2	8.5	9.6	10.7	11.7	12.8	1.72	57.9
	71	17.4	6.2	7.2	8.3	9.4	10.4	1.77	62.1

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	600	600
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 18700 BTUH
AIRFLOW = 600 CFM
APP. DEW PT. = 55.7 DEG. F
COMPRESSOR POWER = 1509 WATTS
I.D. FAN POWER = 170 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.25 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TTB518C1 WITH TWG018A14 AT 600 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	16.2	14.2	15.3	16.3*	16.7*	17.2*	1.27	48.0
85	63	17.5	12.1	13.2	14.3	15.4	16.5	1.32	51.8
	67	18.9	9.7	10.8	11.9	13.0	14.1	1.37	55.9
	71	20.3	7.3	8.4	9.5	10.6	11.7	1.42	60.0
	59	16.0	14.1	15.2	16.1*	16.6*	17.0*	1.33	48.2
90	63	17.3	12.0	13.1	14.2	15.3	16.4	1.38	52.0
	67	18.7	9.6	10.7	11.8	12.9	14.0	1.43	56.1
	71	20.1	7.2	8.3	9.4	10.5	11.6	1.49	60.3
	59	15.8	14.0	15.1	16.0*	16.4*	16.8*	1.39	48.4
95	63	17.1	11.9	13.0	14.1	15.2	16.3	1.44	52.2
	67	18.4	9.5	10.6	11.7	12.8	13.9	1.50	56.3
	71	19.8	7.1	8.2	9.3	10.4	11.5	1.55	60.5
	59	15.3	13.8	14.9	15.6*	16.0*	16.4*	1.44	48.9
100	63	16.5	11.6	12.7	13.9	15.0	16.1	1.49	52.7
	67	17.8	9.3	10.4	11.5	12.6	13.7	1.55	56.9
	71	19.1	6.8	7.9	9.0	10.2	11.3	1.60	61.0
	59	14.8	13.5	14.6	15.1*	15.6*	15.9*	1.49	49.4
105	63	16.0	11.4	12.5	13.6	14.7	15.8	1.54	53.2
	67	17.2	9.0	10.1	11.2	12.3	13.4	1.60	57.4
	71	18.5	6.6	7.7	8.8	9.9	11.0	1.66	61.6
	59	13.8	13.1	13.9*	14.3*	14.7*	15.0*	1.59	50.4
115	63	14.9	10.9	12.0	13.1	14.2	15.0*	1.65	54.2
	67	16.0	8.5	9.6	10.7	11.8	13.0	1.70	58.4
	71	17.1	6.1	7.2	8.3	9.4	10.5	1.76	62.6

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	600	600
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 18500 BTUH
AIRFLOW = 600 CFM
APP. DEW PT. = 56.3 DEG. F
COMPRESSOR POWER = 1497 WATTS
I.D. FAN POWER = 210 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.10 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 5/8 SUCTION AND 1/4 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB518C1 WITH TWE018C14 AT 0.28 CMS (600 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.9	4.8	4.8	4.7	4.4	4.2
	Sensible kW	4.0	3.9	3.9	3.9	3.8	3.6
	SHR (%)	81	82	82	83	85	87
	Compressor kW	1.2	1.3	1.3	1.4	1.5	1.6
24.0/17.0	Capacity kW	5.2	5.2	5.1	5.0	4.8	4.5
	Sensible kW	4.1	4.1	4.0	4.0	3.9	3.8
	SHR (%)	79	79	79	80	82	84
	Compressor kW	1.2	1.3	1.4	1.5	1.5	1.6
29.0/21.0	Capacity kW	5.6	5.5	5.5	5.4	5.1	4.8
	Sensible kW	4.1	4.1	4.1	4.1	4.0	3.8
	SHR (%)	74	75	75	76	78	80
	Compressor kW	1.3	1.4	1.4	1.5	1.6	1.7

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.283	0.283
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.47 KW
AIRFLOW = 0.28 CMS
AIRFLOW = 600. CFM
APP. DEW PT. = 13.2 DEG. C
COMPRESSOR POWER = 1509 WATTS
I.D. FAN POWER = 170 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.86
EER = 9.75 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TTB518C1 WITH TWG018A14 AT 0.28 CMS (600 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	4.8	4.8	4.7	4.6	4.4	4.1
	Sensible kW	4.0	4.0	4.0	3.9	3.8	3.7
	SHR (%)	83	84	84	85	87	90
	Compressor kW	1.2	1.3	1.3	1.4	1.5	1.6
24.0/17.0	Capacity kW	5.2	5.1	5.0	5.0	4.7	4.4
	Sensible kW	4.2	4.1	4.1	4.1	3.9	3.8
	SHR (%)	80	81	81	82	84	87
	Compressor kW	1.2	1.3	1.4	1.4	1.5	1.6
29.0/21.0	Capacity kW	5.5	5.5	5.4	5.3	5.0	4.7
	Sensible kW	4.2	4.2	4.2	4.1	4.0	3.9
	SHR (%)	76	77	77	78	80	83
	Compressor kW	1.3	1.3	1.4	1.5	1.6	1.7

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.283	0.283
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.40 KW
AIRFLOW = 0.28 CMS
AIRFLOW = 600. CFM
APP. DEW PT. = 13.5 DEG. C
COMPRESSOR POWER = 1497 WATTS
I.D. FAN POWER = 210 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.75
EER = 9.40 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 5/8 IN. SUCTION AND 1/4 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

Performance Data
Cooling English

TTB524C1 WITH MCD524D100A AT 600 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	19.0	15.8	17.0	18.1	19.1*	19.5*	1.72	46.6
85	63	20.5	13.7	14.8	16.0	17.1	18.2	1.78	50.9
	67	22.1	11.3	12.4	13.6	14.7	15.8	1.85	54.9
	71	23.7	8.9	10.0	11.1	12.2	13.3	1.91	58.9
	59	18.9	15.8	16.9	18.1	19.0*	19.5*	1.81	46.7
90	63	20.4	13.7	14.8	15.9	17.1	18.2	1.87	51.0
	67	22.0	11.3	12.4	13.5	14.7	15.8	1.93	54.9
	71	23.7	8.8	10.0	11.1	12.2	13.3	2.00	59.0
	59	18.9	15.8	16.9	18.0	19.0*	19.5*	1.89	46.7
95	63	20.4	13.7	14.8	15.9	17.0	18.2	1.96	51.0
	67	22.0	11.3	12.4	13.5	14.6	15.8	2.02	55.0
	71	23.6	8.8	9.9	11.1	12.2	13.3	2.09	59.0
	59	18.2	15.5	16.6	17.7	18.5*	18.9*	1.95	47.6
100	63	19.7	13.3	14.5	15.6	16.7	17.8	2.01	51.7
	67	21.2	10.9	12.1	13.2	14.3	15.4	2.08	55.7
	71	22.8	8.5	9.6	10.7	11.9	13.0	2.15	59.8
	59	17.6	15.2	16.3	17.4	18.0*	18.4*	2.01	48.7
105	63	19.0	13.0	14.1	15.3	16.4	17.5	2.07	52.4
	67	20.5	10.6	11.8	12.9	14.0	15.1	2.14	56.4
	71	22.0	8.2	9.3	10.4	11.5	12.7	2.21	60.5
	59	16.3	14.5	15.7	16.5*	16.9*	17.4*	2.13	50.0
115	63	17.6	12.4	13.5	14.6	15.8	16.9	2.19	53.8
	67	19.0	10.0	11.1	12.2	13.4	14.5	2.26	57.8
	71	20.4	7.5	8.7	9.8	10.9	12.0	2.33	62.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 22000 BTUH
AIRFLOW = 600 CFM
APP. DEW PT. = 55.0 DEG. F
COMPRESSOR POWER = 2022 WATTS
I.D. FAN POWER = 200 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.45 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB524C1 WITH MCW524FB0RA AT 400 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	17.2	12.5	13.2	13.9	14.7	15.4	1.66	45.3
85	63	18.7	11.2	11.9	12.6	13.3	14.0	1.71	43.5
	67	20.2	9.7	10.4	11.1	11.8	12.6	1.78	46.1
	71	21.8	8.2	8.9	9.6	10.3	11.0	1.84	54.3
	59	17.0	12.4	13.1	13.8	14.5	15.3	1.73	46.1
90	63	18.4	11.0	11.7	12.5	13.2	13.9	1.79	46.0
	67	19.9	9.6	10.3	11.0	11.7	12.4	1.85	45.6
	71	21.5	8.0	8.7	9.5	10.2	10.9	1.91	53.9
	59	16.7	12.3	13.0	13.7	14.4	15.1	1.80	46.9
95	63	18.2	10.9	11.6	12.3	13.0	13.8	1.86	47.7
	67	19.6	9.4	10.1	10.9	11.6	12.3	1.92	47.3
	71	21.2	7.9	8.6	9.3	10.0	10.8	1.98	53.4
	59	16.3	12.0	12.7	13.5	14.2	14.9	1.86	48.2
100	63	17.7	10.7	11.4	12.1	12.8	13.5	1.92	50.2
	67	19.1	9.2	9.9	10.6	11.3	12.1	1.98	53.2
	71	20.6	7.7	8.4	9.1	9.8	10.5	2.05	56.1
	59	15.9	11.8	12.5	13.2	13.9	14.7	1.92	49.4
105	63	17.2	10.4	11.2	11.9	12.6	13.3	1.98	52.2
	67	18.6	9.0	9.7	10.4	11.1	11.8	2.04	56.1
	71	20.0	7.4	8.1	8.8	9.6	10.3	2.11	60.9
	59	15.0	11.3	12.0	12.8	13.5	14.2	2.04	51.7
115	63	16.2	10.0	10.7	11.4	12.1	12.9	2.10	55.4
	67	17.5	8.5	9.2	9.9	10.6	11.4	2.16	60.3
	71	18.9	6.9	7.7	8.4	9.1	9.8	2.23	63.9

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 19700 BTUH
AIRFLOW = 400 CFM
APP. DEW PT. = 47.3 DEG. F
COMPRESSOR POWER = 1919 WATTS
I.D. FAN POWER = 48 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.85 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB524C1 WITH MCD524D100A AT 0.28 CMS (600 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	5.5	5.6	5.5	5.5	5.2	4.9
	Sensible kW	4.4	4.5	4.5	4.5	4.3	4.1
	SHR (%)	81	80	80	81	83	85
	Compressor kW	1.6	1.7	1.8	1.9	2.0	2.1
24.0/17.0	Capacity kW	5.9	6.0	5.9	5.9	5.6	5.2
	Sensible kW	4.6	4.6	4.6	4.6	4.4	4.3
	SHR (%)	78	77	77	77	79	82
	Compressor kW	1.6	1.8	1.9	1.9	2.1	2.2
29.0/21.0	Capacity kW	6.3	6.4	6.4	6.3	6.0	5.6
	Sensible kW	4.6	4.6	4.6	4.6	4.5	4.3
	SHR (%)	73	73	73	73	75	78
	Compressor kW	1.7	1.8	1.9	2.0	2.1	2.2

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6.44 KW
AIRFLOW = 0.28 CMS
AIRFLOW = 600. CFM
APP. DEW PT. = 12.8 DEG. C
COMPRESSOR POWER = 2022 WATTS
I.D. FAN POWER = 200 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.61
EER = 8.90 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB524C1 WITH MCW524FB0RA AT 0.19 CMS (400 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	5.1	5.0	5.0	4.9	4.7	4.4
	Sensible kW	3.6	3.6	3.5	3.5	3.4	3.3
	SHR (%)	71	71	71	72	72	73
	Compressor kW	1.6	1.6	1.7	1.8	1.9	2.0
24.0/17.0	Capacity kW	5.5	5.4	5.4	5.3	5.0	4.8
	Sensible kW	3.7	3.6	3.6	3.6	3.4	3.3
	SHR (%)	67	67	67	68	69	70
	Compressor kW	1.6	1.7	1.8	1.8	2.0	2.1
29.0/21.0	Capacity kW	5.9	5.8	5.8	5.7	5.4	5.1
	Sensible kW	3.7	3.6	3.6	3.6	3.4	3.3
	SHR (%)	62	62	62	63	64	65
	Compressor kW	1.7	1.8	1.8	1.9	2.0	2.1

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 5.76 KW
AIRFLOW = 0.19 CMS
AIRFLOW = 400. CFM
APP. DEW PT. = 8.5 DEG. C
COMPRESSOR POWER = 1919 WATTS
I.D. FAN POWER = 48 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.68
EER = 9.15 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

Performance Data
Cooling English

TTB524C1 WITH MCX524C1 AT 675 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	20.4	17.2	18.5	19.8	20.6*	21.2*	1.78	47.2
85	63	21.9	14.7	16.0	17.3	18.6	19.8	1.84	51.0
	67	23.6	11.9	13.2	14.5	15.8	17.1	1.91	55.1
	71	25.3	9.1	10.3	11.6	12.9	14.2	1.97	59.3
	59	20.2	17.1	18.4	19.7	20.5*	21.0*	1.86	47.3
90	63	21.7	14.6	15.9	17.2	18.5	19.8	1.93	51.2
	67	23.4	11.8	13.1	14.4	15.7	17.0	1.99	55.3
	71	25.0	9.0	10.3	11.5	12.8	14.1	2.06	59.5
	59	20.0	17.0	18.3	19.6	20.3*	20.8*	1.94	47.5
95	63	21.5	14.5	15.8	17.1	18.4	19.7	2.01	51.3
	67	23.1	11.7	13.0	14.3	15.6	16.9	2.08	55.5
	71	24.8	8.9	10.2	11.5	12.7	14.0	2.15	59.7
	59	19.3	16.7	18.0	19.3	19.8*	20.3*	2.00	48.1
100	63	20.8	14.2	15.4	16.7	18.0	19.3	2.07	51.9
	67	22.3	11.4	12.7	14.0	15.3	16.5	2.14	56.1
	71	23.9	8.5	9.8	11.1	12.4	13.7	2.21	60.3
	59	18.6	16.3	17.6	18.7*	19.2*	19.7*	2.06	48.6
105	63	20.0	13.8	15.1	16.4	17.7	19.0	2.13	52.5
	67	21.5	11.0	12.3	13.6	14.9	16.2	2.19	56.6
	71	23.0	8.2	9.5	10.8	12.1	13.4	2.27	60.9
	59	17.2	15.7	17.0	17.6*	18.0*	18.4*	2.18	49.7
115	63	18.5	13.2	14.5	15.8	17.1	18.3	2.24	53.6
	67	19.9	10.4	11.7	13.0	14.3	15.6	2.31	57.8
	71	21.3	7.5	8.8	10.1	11.4	12.7	2.38	62.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 23200 BTUH
AIRFLOW = 675 CFM
APP. DEW PT. = 55.5 DEG. F
COMPRESSOR POWER = 2076 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.05 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB524C1 WITH MCX524E1 AT 675 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	20.4	17.2	18.5	19.8	20.6*	21.2*	1.78	47.2
85	63	21.9	14.7	16.0	17.3	18.6	19.8	1.84	51.0
	67	23.6	11.9	13.2	14.5	15.8	17.1	1.91	55.1
	71	25.3	9.1	10.3	11.6	12.9	14.2	1.97	59.3
	59	20.2	17.1	18.4	19.7	20.5*	21.0*	1.86	47.3
90	63	21.7	14.6	15.9	17.2	18.5	19.8	1.93	51.2
	67	23.4	11.8	13.1	14.4	15.7	17.0	1.99	55.3
	71	25.0	9.0	10.3	11.5	12.8	14.1	2.06	59.5
	59	20.0	17.0	18.3	19.6	20.3*	20.8*	1.94	47.5
95	63	21.5	14.5	15.8	17.1	18.4	19.7	2.01	51.3
	67	23.1	11.7	13.0	14.3	15.6	16.9	2.08	55.5
	71	24.8	8.9	10.2	11.5	12.7	14.0	2.15	59.7
	59	19.3	16.7	18.0	19.3	19.8*	20.3*	2.00	48.1
100	63	20.8	14.2	15.4	16.7	18.0	19.3	2.07	51.9
	67	22.3	11.4	12.7	14.0	15.3	16.5	2.14	56.1
	71	23.9	8.5	9.8	11.1	12.4	13.7	2.21	60.3
	59	18.6	16.3	17.6	18.7*	19.2*	19.7*	2.06	48.6
105	63	20.0	13.8	15.1	16.4	17.7	19.0	2.13	52.5
	67	21.5	11.0	12.3	13.6	14.9	16.2	2.19	56.6
	71	23.0	8.2	9.5	10.8	12.1	13.4	2.27	60.9
	59	17.2	15.7	17.0	17.6*	18.0*	18.4*	2.18	49.7
115	63	18.5	13.2	14.5	15.8	17.1	18.3	2.24	53.6
	67	19.9	10.4	11.7	13.0	14.3	15.6	2.31	57.8
	71	21.3	7.5	8.8	10.1	11.4	12.7	2.38	62.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 23200 BTUH
AIRFLOW = 675 CFM
APP. DEW PT. = 55.5 DEG. F
COMPRESSOR POWER = 2076 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 10.05 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB524C1 WITH MCX524C1 AT 0.32 CMS (675 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	6.0	6.0	5.9	5.9	5.5	5.1
	Sensible kW	4.8	4.8	4.8	4.8	4.6	4.4
	SHR (%)	81	81	81	82	84	86
	Compressor kW	1.7	1.8	1.9	1.9	2.0	2.2
24.0/17.0	Capacity kW	6.4	6.4	6.3	6.3	5.9	5.5
	Sensible kW	5.0	5.0	5.0	4.9	4.8	4.6
	SHR (%)	78	78	78	79	81	84
	Compressor kW	1.7	1.8	1.9	2.0	2.1	2.2
29.0/21.0	Capacity kW	6.9	6.8	6.8	6.7	6.3	5.8
	Sensible kW	5.1	5.0	5.0	5.0	4.8	4.7
	SHR (%)	74	74	74	75	77	80
	Compressor kW	1.8	1.9	2.0	2.1	2.2	2.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6.78 KW
AIRFLOW = 0.32 CMS
AIRFLOW = 675. CFM
APP. DEW PT. = 13.0 DEG. C
COMPRESSOR POWER = 2076 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.80
EER = 9.55 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB524C1 WITH MCX524E1 AT 0.32 CMS (675 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	6.0	6.0	5.9	5.9	5.5	5.1
	Sensible kW	4.8	4.8	4.8	4.8	4.6	4.4
	SHR (%)	81	81	81	82	84	86
	Compressor kW	1.7	1.8	1.9	1.9	2.0	2.2
24.0/17.0	Capacity kW	6.4	6.4	6.3	6.3	5.9	5.5
	Sensible kW	5.0	5.0	5.0	4.9	4.8	4.6
	SHR (%)	78	78	78	79	81	84
	Compressor kW	1.7	1.8	1.9	2.0	2.1	2.2
29.0/21.0	Capacity kW	6.9	6.8	6.8	6.7	6.3	5.8
	Sensible kW	5.1	5.0	5.0	5.0	4.8	4.7
	SHR (%)	74	74	74	75	77	80
	Compressor kW	1.8	1.9	2.0	2.1	2.2	2.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6.78 KW
AIRFLOW = 0.32 CMS
AIRFLOW = 675. CFM
APP. DEW PT. = 13.0 DEG. C
COMPRESSOR POWER = 2076 WATTS
I.D. FAN POWER = 130 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.80
EER = 9.55 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

Performance Data
Cooling English

TTB524C1 WITH TWE024C14 AT 800 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	20.2	17.2	18.6	19.9	20.6*	21.1*	1.77	47.5
85	63	21.7	14.6	16.0	17.3	18.6	20.0	1.83	51.3
	67	23.4	11.7	13.1	14.4	15.8	17.1	1.90	55.3
	71	25.1	8.8	10.1	11.5	12.8	14.1	1.96	59.4
	59	19.9	17.1	18.4	19.8	20.4*	20.9*	1.85	47.7
90	63	21.5	14.5	15.8	17.2	18.5	19.9	1.91	51.5
	67	23.1	11.6	13.0	14.3	15.6	17.0	1.98	55.6
	71	24.8	8.7	10.0	11.3	12.7	14.0	2.04	59.7
	59	19.6	17.0	18.3	19.6*	20.1*	20.7*	1.92	47.9
95	63	21.2	14.4	15.7	17.1	18.4	19.7	1.99	51.7
	67	22.8	11.5	12.8	14.2	15.5	16.8	2.06	55.8
	71	24.4	8.5	9.9	11.2	12.5	13.9	2.12	59.9
	59	19.0	16.7	18.0	19.1*	19.7*	20.1*	1.98	48.4
100	63	20.5	14.1	15.4	16.8	18.1	19.4	2.05	52.3
	67	22.0	11.2	12.5	13.9	15.2	16.5	2.12	56.3
	71	23.6	8.2	9.6	10.9	12.2	13.6	2.19	60.5
	59	18.4	16.4	17.8	18.7*	19.2*	19.6*	2.05	48.9
105	63	19.8	13.8	15.2	16.5	17.8	19.2	2.11	52.8
	67	21.3	10.9	12.3	13.6	14.9	16.3	2.18	56.8
	71	22.8	8.0	9.3	10.6	12.0	13.3	2.25	61.0
	59	17.2	15.9	17.2*	17.7*	18.1*	18.5*	2.17	49.8
115	63	18.5	13.3	14.6	15.9	17.3	18.5*	2.24	53.7
	67	19.9	10.4	11.7	13.0	14.4	15.7	2.31	57.8
	71	21.3	7.4	8.7	10.1	11.4	12.7	2.38	62.0

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	800	800
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 22800 BTUH
AIRFLOW = 800 CFM
APP. DEW PT. = 55.8 DEG. F
COMPRESSOR POWER = 2055 WATTS
I.D. FAN POWER = 280 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.45 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB524C1 WITH TWG025A14 AT 800 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	20.6	18.5	20.0	20.9*	21.5*	22.0*	1.79	48.5
85	63	22.2	15.7	17.1	18.6	20.1	21.6	1.85	52.4
	67	23.9	12.5	14.0	15.4	16.9	18.4	1.92	56.5
	71	25.6	9.2	10.7	12.2	13.7	15.1	1.99	60.7
	59	20.3	18.4	19.9	20.7*	21.2*	21.7*	1.87	48.7
90	63	21.9	15.5	17.0	18.5	19.9	21.4	1.93	52.6
	67	23.5	12.3	13.8	15.3	16.8	18.2	2.00	56.7
	71	25.2	9.1	10.6	12.0	13.5	15.0	2.07	60.9
	59	20.0	18.3	19.7	20.5*	21.0*	21.5*	1.95	49.0
95	63	21.6	15.4	16.9	18.3	19.8	21.3	2.01	52.8
	67	23.2	12.2	13.7	15.1	16.6	18.1	2.08	57.0
	71	24.9	8.9	10.4	11.9	13.4	14.8	2.15	61.2
	59	19.3	17.9	19.4*	19.9*	20.4*	20.9*	2.01	49.5
100	63	20.8	15.1	16.5	18.0	19.5	20.9*	2.07	53.3
	67	22.4	11.9	13.3	14.8	16.3	17.8	2.14	57.5
	71	24.0	8.6	10.1	11.6	13.0	14.5	2.21	61.7
	59	18.6	17.6	18.8*	19.3*	19.8*	20.2*	2.07	49.9
105	63	20.1	14.7	16.2	17.7	19.1	20.2*	2.13	53.8
	67	21.5	11.5	13.0	14.5	16.0	17.4	2.20	58.0
	71	23.1	8.3	9.7	11.2	12.7	14.2	2.27	62.2
	59	17.2	17.0	17.6*	18.1*	18.5*	19.0*	2.19	50.9
115	63	18.5	14.1	15.5	17.0	18.5	19.0*	2.25	54.8
	67	19.9	10.9	12.3	13.8	15.3	16.8	2.32	59.0
	71	21.3	7.6	9.1	10.6	12.0	13.5	2.39	63.3

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	800	800
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 23200 BTUH
AIRFLOW = 800 CFM
APP. DEW PT. = 57.0 DEG. F
COMPRESSOR POWER = 2079 WATTS
I.D. FAN POWER = 260 WATTS
O.D. FAN POWER = 175 WATTS
S.E.E.R. = 9.70 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB524C1 WITH TWE024C14 AT 0.38 CMS (800 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	6.0	5.9	5.8	5.8	5.4	5.1
	Sensible kW	4.9	4.8	4.8	4.8	4.6	4.5
	SHR (%)	82	82	82	83	85	87
	Compressor kW	1.6	1.8	1.8	1.9	2.0	2.1
24.0/17.0	Capacity kW	6.4	6.3	6.2	6.2	5.8	5.5
	Sensible kW	5.0	5.0	5.0	4.9	4.8	4.6
	SHR (%)	79	79	79	80	82	85
	Compressor kW	1.7	1.8	1.9	2.0	2.1	2.2
29.0/21.0	Capacity kW	6.8	6.8	6.7	6.6	6.2	5.8
	Sensible kW	5.1	5.1	5.0	5.0	4.8	4.7
	SHR (%)	75	75	75	76	78	81
	Compressor kW	1.8	1.9	2.0	2.0	2.2	2.3

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.378	0.378
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6.67 KW
AIRFLOW = 0.38 CMS
AIRFLOW = 800. CFM
APP. DEW PT. = 13.2 DEG. C
COMPRESSOR POWER = 2055 WATTS
I.D. FAN POWER = 280 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.54
EER = 8.65 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB524C1 WITH TWG025A14 AT 0.38 CMS (800 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	6.1	6.1	6.0	5.9	5.5	5.1
	Sensible kW	5.2	5.2	5.2	5.1	4.9	4.8
	SHR (%)	85	86	86	87	90	93
	Compressor kW	1.7	1.8	1.9	1.9	2.1	2.2
24.0/17.0	Capacity kW	6.6	6.5	6.4	6.3	5.9	5.5
	Sensible kW	5.4	5.4	5.3	5.3	5.1	4.9
	SHR (%)	82	83	84	84	87	90
	Compressor kW	1.7	1.8	1.9	2.0	2.1	2.2
29.0/21.0	Capacity kW	7.0	6.9	6.8	6.7	6.3	5.8
	Sensible kW	5.5	5.5	5.4	5.4	5.2	5.1
	SHR (%)	78	79	80	80	83	86
	Compressor kW	1.8	1.9	2.0	2.1	2.2	2.3

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.378	0.378
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 6.80 KW
AIRFLOW = 0.38 CMS
AIRFLOW = 800. CFM
APP. DEW PT. = 13.9 DEG. C
COMPRESSOR POWER = 2079 WATTS
I.D. FAN POWER = 260 WATTS
O.D. FAN POWER = 175 WATTS
COP = 2.61
EER = 8.90 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB530C1 WITH MCD530D100A AT 750 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	24.2	20.0	21.4	22.8	24.2*	24.8*	2.00	46.2
85	63	26.2	17.4	18.8	20.2	21.6	23.0	2.06	50.6
	67	28.2	14.4	15.8	17.2	18.6	20.0	2.13	54.5
	71	30.4	11.4	12.8	14.2	15.6	17.0	2.20	58.5
	59	24.1	20.0	21.4	22.8	24.1*	24.7*	2.10	46.3
90	63	26.1	17.3	18.7	20.1	21.5	22.9	2.17	50.7
	67	28.1	14.4	15.8	17.2	18.6	20.0	2.24	54.6
	71	30.2	11.3	12.7	14.1	15.5	16.9	2.31	58.6
	59	24.0	19.9	21.3	22.7	24.1*	24.6*	2.21	46.4
95	63	25.9	17.3	18.7	20.1	21.5	22.9	2.28	50.8
	67	27.9	14.3	15.7	17.1	18.5	19.9	2.35	54.7
	71	30.0	11.2	12.6	14.0	15.4	16.8	2.42	58.8
	59	23.3	19.6	21.0	22.4	23.5*	24.0*	2.30	47.2
100	63	25.1	16.9	18.3	19.7	21.1	22.5	2.36	51.5
	67	27.1	13.9	15.3	16.7	18.1	19.5	2.43	55.5
	71	29.1	10.8	12.2	13.6	15.0	16.4	2.50	59.5
	59	22.5	19.2	20.6	22.0	22.9*	23.4*	2.38	48.0
105	63	24.3	16.5	17.9	19.3	20.7	22.1	2.45	52.2
	67	26.2	13.5	14.9	16.3	17.7	19.1	2.51	56.2
	71	28.1	10.5	11.9	13.2	14.6	16.0	2.58	60.3
	59	21.0	18.5	19.9	21.1*	21.6*	22.2*	2.56	49.7
115	63	22.7	15.8	17.2	18.6	20.0	21.4	2.62	53.5
	67	24.4	12.8	14.2	15.6	17.0	18.4	2.68	57.6
	71	26.2	9.7	11.1	12.5	13.9	15.3	2.74	61.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 28000 BTUH
AIRFLOW = 750 CFM
APP. DEW PT. = 54.7 DEG. F
COMPRESSOR POWER = 2347 WATTS
I.D. FAN POWER = 280 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.15 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB530C1 WITH MCW030JN00A AT 875 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	25.0	21.6	23.2	24.9	25.6*	26.3*	2.39	47.8
85	63	27.0	18.4	20.0	21.7	23.4	25.0	2.46	51.6
	67	29.1	14.8	16.5	18.1	19.8	21.5	2.53	55.7
	71	31.3	11.2	12.9	14.5	16.2	17.8	2.60	59.8
	59	24.9	21.5	23.2	24.8	25.5*	26.2*	2.51	47.9
90	63	26.9	18.3	20.0	21.6	23.3	25.0	2.58	51.7
	67	28.9	14.7	16.4	18.1	19.7	21.4	2.65	55.8
	71	31.1	11.1	12.8	14.4	16.1	17.8	2.72	59.9
	59	24.8	21.4	23.1	24.8*	25.4*	26.1*	2.63	47.9
95	63	26.7	18.2	19.9	21.6	23.2	24.9	2.70	51.8
	67	28.8	14.7	16.3	18.0	19.7	21.3	2.77	55.9
	71	30.9	11.0	12.7	14.4	16.0	17.7	2.85	60.1
	59	24.2	21.2	22.8	24.3*	24.9*	25.5*	2.70	48.3
100	63	26.1	17.9	19.6	21.3	22.9	24.6	2.76	52.1
	67	28.0	14.4	16.0	17.7	19.4	21.0	2.83	56.3
	71	30.1	10.7	12.4	14.1	15.7	17.4	2.90	60.5
	59	23.6	20.9	22.5	23.8*	24.4*	25.0*	2.76	48.7
105	63	25.4	17.7	19.3	21.0	22.7	24.3	2.82	52.5
	67	27.3	14.1	15.8	17.4	19.1	20.7	2.89	56.7
	71	29.3	10.4	12.1	13.8	15.4	17.1	2.96	60.9
	59	22.3	20.3	22.0	22.8*	23.4*	24.0*	2.89	49.4
115	63	24.1	17.1	18.7	20.4	22.1	23.7	2.95	53.3
	67	25.9	13.5	15.2	16.8	18.5	20.2	3.00	57.5
	71	27.7	9.9	11.5	13.2	14.8	16.5	3.06	61.7

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 28800 BTUH
AIRFLOW = 875 CFM
APP. DEW PT. = 55.9 DEG. F
COMPRESSOR POWER = 2772 WATTS
I.D. FAN POWER = 55 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.00 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB530C1 WITH MCD530D100A AT 0.35 CMS (750 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	7.1	7.1	7.1	7.0	6.6	6.2
	Sensible kW	5.6	5.7	5.6	5.6	5.4	5.2
	SHR (%)	80	80	80	80	82	84
	Compressor kW	1.8	2.0	2.1	2.2	2.4	2.5
24.0/17.0	Capacity kW	7.6	7.6	7.6	7.5	7.1	6.7
	Sensible kW	5.8	5.8	5.8	5.8	5.6	5.4
	SHR (%)	77	77	77	77	79	81
	Compressor kW	1.9	2.0	2.2	2.3	2.4	2.6
29.0/21.0	Capacity kW	8.1	8.2	8.1	8.1	7.6	7.1
	Sensible kW	5.9	5.9	5.9	5.8	5.7	5.5
	SHR (%)	72	72	72	72	74	76
	Compressor kW	2.0	2.1	2.2	2.3	2.5	2.6

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 8.19 KW
AIRFLOW = 0.35 CMS
AIRFLOW = 750. CFM
APP. DEW PT. = 12.6 DEG. C
COMPRESSOR POWER = 2347 WATTS
I.D. FAN POWER = 280 WATTS
O.D. FAN POWER = 220 WATTS
COP = 2.78
EER = 9.50 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB530C1 WITH MCW030JN00A AT 0.41 CMS (875 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	7.3	7.3	7.3	7.3	6.9	6.6
	Sensible kW	6.0	6.1	6.0	6.0	5.9	5.7
	SHR (%)	83	83	83	83	85	86
	Compressor kW	2.2	2.4	2.5	2.6	2.7	2.9
24.0/17.0	Capacity kW	7.8	7.9	7.8	7.8	7.4	7.1
	Sensible kW	6.3	6.3	6.2	6.2	6.1	5.9
	SHR (%)	80	80	80	80	82	84
	Compressor kW	2.3	2.4	2.6	2.7	2.8	2.9
29.0/21.0	Capacity kW	8.4	8.4	8.4	8.3	7.9	7.6
	Sensible kW	6.4	6.4	6.3	6.3	6.2	6.0
	SHR (%)	76	76	76	76	78	80
	Compressor kW	2.3	2.5	2.6	2.8	2.9	3.0

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 8.43 KW
AIRFLOW = 0.41 CMS
AIRFLOW = 875. CFM
APP. DEW PT. = 13.3 DEG. C
COMPRESSOR POWER = 2772 WATTS
I.D. FAN POWER = 55 WATTS
O.D. FAN POWER = 220 WATTS
COP = 2.75
EER = 9.40 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB530C1 WITH MCW036JN00A AT 900 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	25.7	22.2	23.9	25.6	26.3*	27.0*	2.03	47.7
85	63	27.7	18.9	20.6	22.3	24.0	25.7	2.09	51.5
	67	29.8	15.2	16.9	18.6	20.3	22.0	2.16	55.6
	71	32.0	11.5	13.2	14.9	16.6	18.3	2.24	59.8
	59	25.4	22.0	23.7	25.4*	26.1*	26.8*	2.13	47.9
90	63	27.4	18.7	20.4	22.1	23.9	25.6	2.20	51.7
	67	29.5	15.1	16.8	18.5	20.2	21.9	2.27	55.8
	71	31.6	11.3	13.0	14.7	16.4	18.2	2.35	60.0
	59	25.2	21.9	23.6	25.2*	25.9*	26.5*	2.24	48.0
95	63	27.1	18.6	20.3	22.0	23.7	25.4	2.31	51.9
	67	29.2	14.9	16.6	18.4	20.1	21.8	2.38	56.0
	71	31.3	11.2	12.9	14.6	16.3	18.0	2.46	60.2
	59	24.4	21.5	23.2	24.6*	25.2*	25.8*	2.33	48.5
100	63	26.3	18.2	19.9	21.6	23.3	25.1	2.40	52.4
	67	28.2	14.5	16.3	18.0	19.7	21.4	2.47	56.5
	71	30.2	10.8	12.5	14.2	15.9	17.6	2.55	60.8
	59	23.6	21.2	22.9	23.9*	24.6*	25.1*	2.43	49.0
105	63	25.4	17.8	19.5	21.3	23.0	24.7	2.50	52.9
	67	27.2	14.2	15.9	17.6	19.3	21.0	2.57	57.1
	71	29.2	10.4	12.1	13.8	15.5	17.2	2.64	61.3
	59	21.9	20.4	22.0*	22.6*	23.2*	23.7*	2.62	50.0
115	63	23.6	17.1	18.8	20.5	22.2	23.7*	2.68	53.9
	67	25.3	13.4	15.1	16.8	18.5	20.2	2.75	58.1
	71	27.1	9.6	11.3	13.0	14.7	16.4	2.81	62.3

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 29200 BTUH
AIRFLOW = 900 CFM
APP. DEW PT. = 56.0 DEG. F
COMPRESSOR POWER = 2383 WATTS
I.D. FAN POWER = 55 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 11.25 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB530C1 WITH MCX536C1 AT 915 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	27.5	24.2	26.1	27.7*	28.4*	29.1*	2.10	48.1
85	63	29.6	20.5	22.4	24.3	26.2	28.1	2.17	51.9
	67	31.8	16.4	18.3	20.2	22.1	24.0	2.24	56.2
	71	34.0	12.2	14.1	16.0	17.9	19.8	2.32	60.5
	59	27.2	24.0	25.9	27.4*	28.1*	28.8*	2.21	48.2
90	63	29.2	20.3	22.2	24.1	26.0	27.9	2.28	52.1
	67	31.3	16.2	18.1	20.0	21.9	23.8	2.35	56.4
	71	33.5	12.1	14.0	15.9	17.8	19.7	2.43	60.7
	59	26.9	23.9	25.8	27.2*	27.9*	28.5*	2.32	48.4
95	63	28.9	20.2	22.0	23.9	25.8	27.7	2.39	52.3
	67	30.9	16.1	18.0	19.9	21.8	23.7	2.46	56.5
	71	33.1	11.9	13.8	15.7	17.6	19.5	2.54	60.9
	59	26.0	23.5	25.4	26.4*	27.1*	27.7*	2.41	48.9
100	63	27.9	19.7	21.6	23.5	25.4	27.3	2.48	52.8
	67	29.9	15.6	17.5	19.4	21.3	23.2	2.55	57.0
	71	31.9	11.4	13.3	15.2	17.1	19.0	2.62	61.4
	59	25.1	23.0	24.9	25.7*	26.3*	26.9*	2.50	49.3
105	63	26.9	19.3	21.2	23.1	25.0	26.9	2.57	53.3
	67	28.8	15.2	17.1	19.0	20.9	22.8	2.64	57.5
	71	30.8	11.0	12.9	14.8	16.7	18.6	2.71	61.8
	59	23.3	22.2	23.6*	24.2*	24.7*	25.3*	2.68	50.2
115	63	25.0	18.5	20.4	22.3	24.2	25.3*	2.75	54.2
	67	26.7	14.4	16.2	18.1	20.0	21.9	2.81	58.5
	71	28.5	10.2	12.1	14.0	15.9	17.8	2.88	62.8

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 31000 BTUH
AIRFLOW = 915 CFM
APP. DEW PT. = 56.5 DEG. F
COMPRESSOR POWER = 2462 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.75 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB530C1 WITH MCW036JN00A AT 0.42 CMS (900 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	7.6	7.5	7.5	7.4	7.0	6.5
	Sensible kW	6.3	6.2	6.2	6.1	5.9	5.7
	SHR (%)	82	83	83	83	86	88
	Compressor kW	1.9	2.0	2.1	2.2	2.4	2.6
24.0/17.0	Capacity kW	8.2	8.1	8.0	7.9	7.4	7.0
	Sensible kW	6.5	6.4	6.4	6.4	6.1	5.9
	SHR (%)	79	80	80	80	83	85
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
29.0/21.0	Capacity kW	8.7	8.6	8.5	8.4	7.9	7.4
	Sensible kW	6.6	6.5	6.5	6.5	6.3	6.1
	SHR (%)	75	76	76	77	79	82
	Compressor kW	2.0	2.1	2.3	2.4	2.5	2.7

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 8.55 KW
AIRFLOW = 0.42 CMS
AIRFLOW = 900. CFM
APP. DEW PT. = 13.3 DEG. C
COMPRESSOR POWER = 2383 WATTS
I.D. FAN POWER = 55 WATTS
O.D. FAN POWER = 220 WATTS
COP = 3.21
EER = 10.95 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB530C1 WITH MCX536C1 AT 0.43 CMS (915 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	8.1	8.1	8.0	7.9	7.4	6.9
	Sensible kW	6.8	6.8	6.7	6.7	6.5	6.2
	SHR (%)	84	84	84	85	87	90
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
24.0/17.0	Capacity kW	8.7	8.6	8.5	8.4	7.9	7.4
	Sensible kW	7.0	7.0	7.0	6.9	6.7	6.5
	SHR (%)	81	81	82	82	85	87
	Compressor kW	2.0	2.1	2.3	2.4	2.5	2.7
29.0/21.0	Capacity kW	9.3	9.2	9.1	8.9	8.4	7.8
	Sensible kW	7.2	7.1	7.1	7.0	6.8	6.6
	SHR (%)	77	77	78	79	81	84
	Compressor kW	2.1	2.2	2.3	2.4	2.6	2.8

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 9.06 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 13.6 DEG. C
COMPRESSOR POWER = 2462 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 220 WATTS
COP = 3.11
EER = 10.60 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

Performance Data
Cooling English

TTB530C1 WITH MCX536E1 AT 915 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	27.5	24.2	26.1	27.7*	28.4*	29.1*	2.10	48.1
85	63	29.6	20.5	22.4	24.3	26.2	28.1	2.17	51.9
	67	31.8	16.4	18.3	20.2	22.1	24.0	2.24	56.2
	71	34.0	12.2	14.1	16.0	17.9	19.8	2.32	60.5
	59	27.2	24.0	25.9	27.4*	28.1*	28.8*	2.21	48.2
90	63	29.2	20.3	22.2	24.1	26.0	27.9	2.28	52.1
	67	31.4	16.2	18.1	20.0	21.9	23.8	2.35	56.4
	71	33.5	12.1	14.0	15.9	17.8	19.7	2.43	60.7
	59	26.9	23.9	25.8	27.2*	27.9*	28.5*	2.32	48.4
95	63	28.9	20.2	22.1	24.0	25.8	27.7	2.39	52.3
	67	30.9	16.1	18.0	19.9	21.8	23.7	2.46	56.5
	71	33.1	11.9	13.8	15.7	17.6	19.5	2.54	60.9
	59	26.0	23.5	25.4	26.4*	27.1*	27.7*	2.41	48.9
100	63	27.9	19.7	21.6	23.5	25.4	27.3	2.48	52.8
	67	29.9	15.6	17.5	19.4	21.3	23.2	2.55	57.0
	71	31.9	11.4	13.3	15.2	17.1	19.0	2.62	61.4
	59	25.1	23.1	24.9	25.7*	26.3*	26.9*	2.50	49.3
105	63	26.9	19.3	21.2	23.1	25.0	26.9	2.57	53.3
	67	28.8	15.2	17.1	19.0	20.9	22.8	2.64	57.5
	71	30.8	11.0	12.9	14.8	16.7	18.6	2.71	61.8
	59	23.3	22.2	23.6*	24.2*	24.7*	25.3*	2.68	50.2
115	63	25.0	18.5	20.4	22.3	24.2	25.3*	2.75	54.2
	67	26.7	14.4	16.3	18.1	20.0	21.9	2.81	58.5
	71	28.5	10.2	12.1	14.0	15.9	17.8	2.88	62.8

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 31000 BTUH
AIRFLOW = 915 CFM
APP. DEW PT. = 56.5 DEG. F
COMPRESSOR POWER = 2462 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.75 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB530C1 WITH TWE030C14 AT 950 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	25.5	22.0	23.7	25.4	26.1*	26.8*	2.02	47.6
85	63	27.6	18.7	20.4	22.1	23.8	25.5	2.09	51.4
	67	29.7	15.0	16.7	18.4	20.1	21.9	2.16	55.5
	71	31.9	11.2	13.0	14.7	16.4	18.1	2.23	59.7
	59	25.2	21.8	23.5	25.2*	25.9*	26.5*	2.12	47.9
90	63	27.2	18.5	20.2	21.9	23.6	25.4	2.19	51.7
	67	29.2	14.8	16.5	18.2	20.0	21.7	2.26	55.8
	71	31.4	11.1	12.8	14.5	16.2	17.9	2.34	59.9
	59	24.8	21.7	23.4	24.9*	25.6*	26.2*	2.23	48.1
95	63	26.8	18.3	20.0	21.8	23.5	25.2	2.30	51.9
	67	28.8	14.6	16.4	18.1	19.8	21.5	2.37	56.0
	71	30.9	10.9	12.6	14.3	16.0	17.7	2.44	60.2
	59	24.0	21.3	23.0	24.3*	24.9*	25.5*	2.32	48.6
100	63	25.9	18.0	19.7	21.4	23.1	24.8	2.39	52.4
	67	27.8	14.3	16.0	17.7	19.4	21.1	2.46	56.5
	71	29.8	10.5	12.2	13.9	15.6	17.3	2.53	60.8
	59	23.2	20.9	22.6	23.6*	24.3*	24.8*	2.41	49.0
105	63	25.0	17.6	19.3	21.0	22.7	24.4	2.48	52.9
	67	26.9	13.9	15.6	17.3	19.0	20.7	2.55	57.1
	71	28.8	10.1	11.8	13.5	15.2	16.9	2.62	61.3
	59	21.6	20.2	21.7*	22.3*	22.8*	23.4*	2.60	50.0
115	63	23.2	16.8	18.5	20.3	22.0	23.4*	2.66	53.9
	67	24.9	13.1	14.8	16.5	18.3	20.0	2.73	58.1
	71	26.7	9.3	11.0	12.7	14.5	16.2	2.79	62.3

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	950	950
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 28800 BTUH
AIRFLOW = 950 CFM
APP. DEW PT. = 56.0 DEG. F
COMPRESSOR POWER = 2369 WATTS
I.D. FAN POWER = 340 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.05 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling Metric

TTB530C1 WITH MCX536E1 AT 0.43 CMS (915 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	8.1	8.1	8.0	7.9	7.4	6.9
	Sensible kW	6.8	6.8	6.7	6.7	6.5	6.2
	SHR (%)	84	84	84	85	87	90
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
24.0/17.0	Capacity kW	8.7	8.6	8.5	8.4	7.9	7.4
	Sensible kW	7.0	7.0	7.0	6.9	6.7	6.5
	SHR (%)	81	81	82	82	85	87
	Compressor kW	2.0	2.1	2.3	2.4	2.5	2.7
29.0/21.0	Capacity kW	9.3	9.2	9.1	8.9	8.4	7.8
	Sensible kW	7.2	7.1	7.1	7.0	6.8	6.6
	SHR (%)	77	77	78	79	81	84
	Compressor kW	2.1	2.2	2.3	2.4	2.6	2.8

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 9.06 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 13.6 DEG. C
COMPRESSOR POWER = 2462 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 220 WATTS
COP = 3.11
EER = 10.60 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB530C1 WITH TWE030C14 AT 0.45 CMS (950 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	7.6	7.5	7.4	7.3	6.9	6.4
	Sensible kW	6.2	6.2	6.1	6.1	5.9	5.7
	SHR (%)	82	82	83	83	86	88
	Compressor kW	1.9	2.0	2.1	2.2	2.4	2.6
24.0/17.0	Capacity kW	8.1	8.0	7.9	7.8	7.3	6.9
	Sensible kW	6.4	6.4	6.3	6.3	6.1	5.9
	SHR (%)	79	79	80	81	83	86
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
29.0/21.0	Capacity kW	8.7	8.6	8.5	8.3	7.8	7.3
	Sensible kW	6.5	6.5	6.4	6.4	6.2	6.0
	SHR (%)	75	75	76	77	79	82
	Compressor kW	2.0	2.1	2.2	2.4	2.5	2.7

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.448	0.448
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 8.44 KW
AIRFLOW = 0.45 CMS
AIRFLOW = 950. CFM
APP. DEW PT. = 13.3 DEG. C
COMPRESSOR POWER = 2369 WATTS
I.D. FAN POWER = 340 WATTS
O.D. FAN POWER = 220 WATTS
COP = 2.77
EER = 9.45 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

Performance Data
Cooling English

TTB530C1 WITH TWG030A14 AT 1000 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	25.7	23.0	24.8	26.0*	26.7*	27.4*	2.02	48.5
85	63	27.7	19.6	21.4	23.2	25.0	26.8	2.09	52.3
	67	29.8	15.7	17.5	19.3	21.1	22.9	2.16	56.4
	71	32.0	11.7	13.5	15.3	17.1	18.9	2.24	60.5
	59	25.3	22.9	24.7	25.7*	26.4*	27.0*	2.13	48.8
90	63	27.3	19.4	21.2	23.0	24.8	26.6	2.20	52.6
	67	29.4	15.5	17.3	19.1	20.9	22.7	2.27	56.6
	71	31.5	11.5	13.3	15.1	16.9	18.7	2.34	60.8
	59	25.0	22.7	24.5	25.4*	26.1*	26.7*	2.23	49.0
95	63	26.9	19.2	21.0	22.8	24.6	26.4	2.30	52.8
	67	28.9	15.3	17.1	18.9	20.7	22.5	2.37	56.9
	71	31.0	11.3	13.1	14.9	16.7	18.5	2.45	61.1
	59	24.2	22.3	24.1	24.8*	25.4*	26.0*	2.32	49.5
100	63	26.0	18.8	20.6	22.4	24.2	26.0	2.39	53.3
	67	27.9	14.9	16.7	18.5	20.3	22.1	2.46	57.4
	71	29.9	10.9	12.7	14.5	16.3	18.1	2.53	61.6
	59	23.3	21.9	23.5*	24.1*	24.7*	25.3*	2.41	50.0
105	63	25.1	18.4	20.2	22.0	23.8	25.3*	2.48	53.8
	67	27.0	14.5	16.3	18.1	19.9	21.7	2.55	58.0
	71	28.9	10.5	12.3	14.1	15.9	17.7	2.62	62.2
	59	21.7	21.2	22.1*	22.7*	23.3*	23.8*	2.60	50.9
115	63	23.4	17.6	19.4	21.2	23.0	23.8*	2.67	54.8
	67	25.1	13.7	15.5	17.3	19.1	20.9	2.73	59.0
	71	26.8	9.7	11.5	13.3	15.1	16.9	2.79	63.2

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	1000	1000
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 29000 BTUH
AIRFLOW = 1000 CFM
APP. DEW PT. = 56.9 DEG. F
COMPRESSOR POWER = 2372 WATTS
I.D. FAN POWER = 360 WATTS
O.D. FAN POWER = 220 WATTS
S.E.E.R. = 10.00 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB536C1 WITH MCD536D100A AT 900 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	29.3	24.1	25.7	27.4	29.1	29.9*	2.44	45.8
85	63	31.6	20.9	22.6	24.2	25.9	27.5	2.53	50.4
	67	34.0	17.3	19.0	20.6	22.3	24.0	2.62	54.3
	71	36.5	13.6	15.3	17.0	18.6	20.3	2.72	58.4
	59	29.2	24.0	25.7	27.3	29.0	29.8*	2.57	45.9
90	63	31.5	20.8	22.5	24.2	25.8	27.5	2.66	50.5
	67	33.9	17.3	18.9	20.6	22.2	23.9	2.75	54.4
	71	36.3	13.6	15.2	16.9	18.6	20.2	2.85	58.5
	59	29.1	24.0	25.6	27.3	28.9	29.7*	2.69	46.0
95	63	31.4	20.8	22.4	24.1	25.8	27.4	2.78	50.6
	67	33.7	17.2	18.9	20.5	22.2	23.9	2.88	54.5
	71	36.2	13.5	15.2	16.8	18.5	20.2	2.98	58.6
	59	28.2	23.5	25.2	26.8	28.3*	29.0*	2.79	46.9
100	63	30.4	20.3	22.0	23.6	25.3	27.0	2.89	51.3
	67	32.7	16.7	18.4	20.1	21.7	23.4	2.98	55.3
	71	35.0	13.0	14.7	16.4	18.0	19.7	3.08	59.3
	59	27.2	23.0	24.7	26.4	27.6*	28.2*	2.90	47.8
105	63	29.4	19.8	21.5	23.2	24.8	26.5	2.99	52.0
	67	31.6	16.3	17.9	19.6	21.3	22.9	3.09	56.0
	71	33.9	12.6	14.2	15.9	17.6	19.2	3.18	60.1
	59	25.4	22.1	23.8	25.4*	26.1*	26.7*	3.11	49.6
115	63	27.4	18.9	20.6	22.3	23.9	25.6	3.20	53.4
	67	29.5	15.3	17.0	18.7	20.3	22.0	3.29	57.4
	71	31.6	11.7	13.3	15.0	16.7	18.3	3.39	61.6

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 33800 BTUH
AIRFLOW = 900 CFM
APP. DEW PT. = 54.5 DEG. F
COMPRESSOR POWER = 2880 WATTS
I.D. FAN POWER = 310 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 10.00 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB530C1 WITH TWG030A14 AT 0.47 CMS (1000 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	7.6	7.5	7.4	7.3	6.9	6.5
	Sensible kW	6.5	6.5	6.4	6.4	6.2	6.0
	SHR (%)	85	86	86	87	89	92
	Compressor kW	1.9	2.0	2.1	2.2	2.4	2.6
24.0/17.0	Capacity kW	8.2	8.1	8.0	7.8	7.4	6.9
	Sensible kW	6.7	6.7	6.6	6.6	6.4	6.2
	SHR (%)	82	83	83	84	86	89
	Compressor kW	1.9	2.1	2.2	2.3	2.5	2.6
29.0/21.0	Capacity kW	8.7	8.6	8.5	8.4	7.9	7.4
	Sensible kW	6.8	6.8	6.7	6.7	6.5	6.3
	SHR (%)	78	79	79	80	83	86
	Compressor kW	2.0	2.1	2.2	2.4	2.5	2.7

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.472	0.472
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 8.47 KW
AIRFLOW = 0.47 CMS
AIRFLOW = 1000. CFM
APP. DEW PT. = 13.8 DEG. C
COMPRESSOR POWER = 2372 WATTS
I.D. FAN POWER = 360 WATTS
O.D. FAN POWER = 220 WATTS
COP = 2.75
EER = 9.40 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB536C1 WITH MCD536D100A AT 0.42 CMS (900 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	8.5	8.6	8.6	8.5	8.0	7.5
	Sensible kW	6.8	6.8	6.8	6.8	6.5	6.3
	SHR (%)	79	79	79	79	81	83
	Compressor kW	2.2	2.4	2.6	2.7	2.9	3.1
24.0/17.0	Capacity kW	9.1	9.2	9.2	9.1	8.6	8.1
	Sensible kW	7.0	7.0	7.0	7.0	6.7	6.5
	SHR (%)	76	76	76	76	78	80
	Compressor kW	2.3	2.5	2.6	2.8	3.0	3.1
29.0/21.0	Capacity kW	9.8	9.8	9.8	9.7	9.2	8.6
	Sensible kW	7.0	7.0	7.0	7.0	6.8	6.5
	SHR (%)	72	72	72	72	74	76
	Compressor kW	2.4	2.6	2.7	2.9	3.0	3.2

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 9.89 KW
AIRFLOW = 0.42 CMS
AIRFLOW = 900. CFM
APP. DEW PT. = 12.5 DEG. C
COMPRESSOR POWER = 2880 WATTS
I.D. FAN POWER = 310 WATTS
O.D. FAN POWER = 240 WATTS
COP = 2.77
EER = 9.45 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling — English

TTB536C1 WITH MCW036JN00A AT 900 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	30.0	24.2	25.9	27.6	29.3	30.4*	2.48	45.3
85	63	32.3	20.9	22.6	24.3	26.0	27.7	2.57	49.7
	67	34.7	17.2	18.9	20.6	22.3	24.1	2.67	53.7
	71	37.2	13.5	15.2	16.9	18.6	20.3	2.76	57.9
	59	29.9	24.1	25.8	27.6	29.3	30.4*	2.61	45.4
90	63	32.2	20.9	22.6	24.3	26.0	27.7	2.70	49.7
	67	34.6	17.2	18.9	20.6	22.3	24.0	2.80	53.8
	71	37.1	13.4	15.1	16.8	18.5	20.2	2.90	58.0
	59	29.9	24.1	25.8	27.5	29.2	30.3*	2.74	45.4
95	63	32.1	20.8	22.5	24.2	25.9	27.6	2.84	49.8
	67	34.5	17.1	18.9	20.6	22.3	24.0	2.93	53.9
	71	37.0	13.4	15.1	16.8	18.5	20.2	3.03	58.0
	59	29.0	23.7	25.4	27.1	28.8	29.6*	2.84	46.2
100	63	31.2	20.4	22.1	23.8	25.5	27.2	2.94	50.4
	67	33.5	16.7	18.4	20.1	21.8	23.5	3.03	54.5
	71	35.9	12.9	14.6	16.4	18.1	19.8	3.13	58.7
	59	28.1	23.2	24.9	26.6	28.2*	28.9*	2.94	46.9
105	63	30.2	19.9	21.6	23.4	25.1	26.8	3.04	51.0
	67	32.5	16.3	18.0	19.7	21.4	23.1	3.13	55.1
	71	34.8	12.5	14.2	15.9	17.6	19.3	3.23	59.3
	59	26.3	22.4	24.1	25.8	26.7*	27.4*	3.15	48.4
115	63	28.3	19.1	20.8	22.5	24.2	25.9	3.24	52.2
	67	30.4	15.4	17.1	18.8	20.5	22.2	3.33	56.3
	71	32.5	11.6	13.4	15.1	16.8	18.5	3.43	60.6

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 34600 BTUH
AIRFLOW = 900 CFM
APP. DEW PT. = 53.9 DEG. F
COMPRESSOR POWER = 2932 WATTS
I.D. FAN POWER = 55 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 10.70 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB536C1 WITH MCX536C1 AT 915 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	31.7	26.0	27.9	29.8	31.7	32.5*	2.63	46.1
85	63	34.1	22.4	24.2	26.1	28.0	29.9	2.72	50.3
	67	36.5	18.3	20.2	22.1	24.0	25.8	2.81	54.5
	71	39.1	14.1	16.0	17.9	19.8	21.7	2.91	58.8
	59	31.6	26.0	27.8	29.7	31.6*	32.3*	2.76	46.5
90	63	33.9	22.3	24.2	26.1	27.9	29.8	2.85	50.4
	67	36.4	18.2	20.1	22.0	23.9	25.8	2.95	54.6
	71	38.9	14.1	15.9	17.8	19.7	21.6	3.05	58.9
	59	31.4	25.9	27.8	29.7	31.5*	32.2*	2.89	46.6
95	63	33.8	22.2	24.1	26.0	27.9	29.8	2.98	50.5
	67	36.2	18.1	20.0	21.9	23.8	25.7	3.08	54.7
	71	38.7	14.0	15.9	17.7	19.6	21.5	3.18	59.0
	59	30.6	25.5	27.4	29.2	30.8*	31.5*	2.98	47.1
100	63	32.8	21.8	23.7	25.6	27.4	29.3	3.07	50.9
	67	35.2	17.7	19.6	21.5	23.4	25.3	3.17	55.2
	71	37.6	13.5	15.4	17.3	19.2	21.1	3.27	59.5
	59	29.7	25.0	26.9	28.8	30.1*	30.8*	3.07	47.5
105	63	31.9	21.4	23.2	25.1	27.0	28.9	3.17	51.4
	67	34.1	17.3	19.2	21.1	22.9	24.8	3.26	55.7
	71	36.5	13.1	15.0	16.9	18.8	20.7	3.36	60.0
	59	27.9	24.2	26.1	27.9*	28.7*	29.3*	3.26	48.5
115	63	30.0	20.5	22.4	24.3	26.2	28.1	3.35	52.4
	67	32.1	16.4	18.3	20.2	22.1	24.0	3.45	56.6
	71	34.3	12.3	14.2	16.1	17.9	19.8	3.54	60.9

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 36200 BTUH
AIRFLOW = 915 CFM
APP. DEW PT. = 54.7 DEG. F
COMPRESSOR POWER = 3081 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 10.15 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB536C1 WITH MCW036JN00A AT 0.42 CMS (900 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	8.7	8.8	8.8	8.8	8.3	7.8
	Sensible kW	6.8	6.8	6.8	6.8	6.6	6.3
	SHR (%)	78	78	78	78	79	81
	Compressor kW	2.3	2.5	2.6	2.7	2.9	3.1
24.0/17.0	Capacity kW	9.3	9.4	9.4	9.4	8.8	8.3
	Sensible kW	7.0	7.0	7.0	7.0	6.8	6.5
	SHR (%)	75	75	75	75	76	78
	Compressor kW	2.4	2.5	2.7	2.8	3.0	3.2
29.0/21.0	Capacity kW	10.0	10.0	10.0	10.0	9.4	8.9
	Sensible kW	7.0	7.1	7.1	7.0	6.8	6.6
	SHR (%)	71	70	71	71	72	74
	Compressor kW	2.4	2.6	2.8	2.9	3.1	3.3

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.12 KW
AIRFLOW = 0.42 CMS
AIRFLOW = 900. CFM
APP. DEW PT. = 12.1 DEG. C
COMPRESSOR POWER = 2932 WATTS
I.D. FAN POWER = 55 WATTS
O.D. FAN POWER = 240 WATTS
COP = 3.11
EER = 10.60 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB536C1 WITH MCX536C1 AT 0.43 CMS (915 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	9.3	9.3	9.3	9.2	8.7	8.3
	Sensible kW	7.4	7.4	7.3	7.3	7.1	6.8
	SHR (%)	79	79	79	79	81	83
	Compressor kW	2.4	2.6	2.7	2.9	3.1	3.2
24.0/17.0	Capacity kW	9.9	9.9	9.9	9.8	9.3	8.8
	Sensible kW	7.5	7.5	7.5	7.5	7.3	7.1
	SHR (%)	76	76	76	76	78	80
	Compressor kW	2.5	2.7	2.8	3.0	3.1	3.3
29.0/21.0	Capacity kW	10.6	10.6	10.5	10.5	9.9	9.4
	Sensible kW	7.6	7.6	7.6	7.6	7.4	7.2
	SHR (%)	72	72	72	72	74	76
	Compressor kW	2.6	2.8	2.9	3.1	3.2	3.4

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.60 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 12.6 DEG. C
COMPRESSOR POWER = 3081 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 240 WATTS
COP = 2.96
EER = 10.10 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB536C1 WITH MCX536E1 AT 915 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	31.7	26.0	27.9	29.8	31.7	32.5*	2.63	46.1
85	63	34.1	22.4	24.2	26.1	28.0	29.9	2.72	50.3
	67	36.5	18.3	20.2	22.1	24.0	25.8	2.81	54.5
	71	39.1	14.1	16.0	17.9	19.8	21.7	2.91	58.8
	59	31.6	26.0	27.8	29.7	31.6*	32.3*	2.76	46.5
90	63	33.9	22.3	24.2	26.1	27.9	29.8	2.85	50.4
	67	36.4	18.2	20.1	22.0	23.9	25.8	2.95	54.6
	71	38.9	14.1	15.9	17.8	19.7	21.6	3.05	58.9
	59	31.4	25.9	27.8	29.7	31.5*	32.2*	2.89	46.6
95	63	33.8	22.2	24.1	26.0	27.9	29.8	2.98	50.5
	67	36.2	18.1	20.0	21.9	23.8	25.7	3.08	54.7
	71	38.7	14.0	15.9	17.7	19.6	21.5	3.18	59.0
	59	30.6	25.5	27.4	29.2	30.8*	31.5*	2.98	47.1
100	63	32.8	21.8	23.7	25.6	27.4	29.3	3.07	50.9
	67	35.2	17.7	19.6	21.5	23.4	25.3	3.17	55.2
	71	37.6	13.5	15.4	17.3	19.2	21.1	3.27	59.5
	59	29.7	25.0	26.9	28.8	30.1*	30.8*	3.07	47.5
105	63	31.9	21.4	23.2	25.1	27.0	28.9	3.17	51.4
	67	34.1	17.3	19.2	21.1	22.9	24.8	3.26	55.7
	71	36.5	13.1	15.0	16.9	18.8	20.7	3.36	60.0
	59	27.9	24.2	26.1	27.9*	28.7*	29.3*	3.26	48.5
115	63	30.0	20.5	22.4	24.3	26.2	28.1	3.35	52.4
	67	32.1	16.4	18.3	20.2	22.1	24.0	3.45	56.6
	71	34.3	12.3	14.2	16.1	17.9	19.8	3.54	60.9

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 36200 BTUH
AIRFLOW = 915 CFM
APP. DEW PT. = 54.7 DEG. F
COMPRESSOR POWER = 3081 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 10.15 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TTB536C1 WITH TWE036C14 AT 1200 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	32.2	28.4	30.6	32.4*	33.2*	34.0*	2.54	48.1
85	63	34.6	24.1	26.3	28.5	30.7	32.9	2.63	52.0
	67	37.1	19.3	21.5	23.7	25.9	28.1	2.73	56.1
	71	39.7	14.4	16.6	18.8	21.0	23.2	2.83	60.3
	59	31.7	28.1	30.3	32.0*	32.7*	33.5*	2.66	48.4
90	63	34.0	23.8	26.0	28.2	30.4	32.6	2.75	52.3
	67	36.4	19.0	21.2	23.4	25.6	27.8	2.85	56.4
	71	38.9	14.1	16.3	18.5	20.7	22.9	2.95	60.6
	59	31.1	27.9	30.1	31.5*	32.3*	33.1*	2.77	48.6
95	63	33.4	23.6	25.8	28.0	30.2	32.4	2.87	52.5
	67	35.8	18.8	21.0	23.2	25.4	27.6	2.97	56.7
	71	38.2	13.8	16.0	18.2	20.4	22.6	3.07	60.9
	59	30.1	27.4	29.6	30.7*	31.5*	32.2*	2.88	49.1
100	63	32.3	23.1	25.3	27.5	29.7	31.9	2.98	53.0
	67	34.6	18.3	20.5	22.7	24.9	27.1	3.07	57.2
	71	37.0	13.4	15.6	17.8	20.0	22.2	3.17	61.5
	59	29.2	27.0	29.2*	29.9*	30.6*	31.3*	2.99	49.6
105	63	31.3	22.6	24.8	27.0	29.2	31.3*	3.08	53.5
	67	33.5	17.8	20.0	22.2	24.4	26.6	3.18	57.7
	71	35.7	12.9	15.1	17.3	19.5	21.7	3.28	62.0
	59	27.2	26.1	27.5*	28.2*	28.9*	29.5*	3.21	50.5
115	63	29.1	21.7	23.9	26.1	28.3	29.5*	3.30	54.5
	67	31.1	16.9	19.1	21.3	23.5	25.7	3.39	58.7
	71	33.2	11.9	14.1	16.3	18.5	20.7	3.49	63.0

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	1200	1200
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 35800 BTUH
AIRFLOW = 1200 CFM
APP. DEW PT. = 56.7 DEG. F
COMPRESSOR POWER = 2966 WATTS
I.D. FAN POWER = 450 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 10.10 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB536C1 WITH MCX536E1 AT 0.43 CMS (915 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	9.3	9.3	9.3	9.2	8.7	8.3
	Sensible kW	7.4	7.4	7.3	7.3	7.1	6.8
	SHR (%)	79	79	79	79	81	83
	Compressor kW	2.4	2.6	2.7	2.9	3.1	3.2
24.0/17.0	Capacity kW	9.9	9.9	9.9	9.8	9.3	8.8
	Sensible kW	7.5	7.5	7.5	7.5	7.3	7.1
	SHR (%)	76	76	76	76	78	80
	Compressor kW	2.5	2.7	2.8	3.0	3.1	3.3
29.0/21.0	Capacity kW	10.6	10.6	10.5	10.5	9.9	9.4
	Sensible kW	7.6	7.6	7.6	7.6	7.4	7.2
	SHR (%)	72	72	72	72	74	76
	Compressor kW	2.6	2.8	2.9	3.1	3.2	3.4

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.60 KW
AIRFLOW = 0.43 CMS
AIRFLOW = 915. CFM
APP. DEW PT. = 12.6 DEG. C
COMPRESSOR POWER = 3081 WATTS
I.D. FAN POWER = 180 WATTS
O.D. FAN POWER = 240 WATTS
COP = 2.96
EER = 10.10 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TTB536C1 WITH TWE036C14 AT 0.57 CMS (1200 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	9.5	9.5	9.3	9.1	8.6	8.1
	Sensible kW	8.0	8.0	7.9	7.8	7.6	7.3
	SHR (%)	84	84	85	86	88	91
	Compressor kW	2.3	2.5	2.6	2.8	3.0	3.2
24.0/17.0	Capacity kW	10.2	10.1	9.9	9.7	9.2	8.6
	Sensible kW	8.3	8.2	8.1	8.1	7.8	7.6
	SHR (%)	81	82	82	83	85	88
	Compressor kW	2.4	2.6	2.7	2.9	3.1	3.2
29.0/21.0	Capacity kW	10.8	10.7	10.5	10.3	9.7	9.1
	Sensible kW	8.4	8.3	8.3	8.2	7.9	7.7
	SHR (%)	77	78	78	79	82	84
	Compressor kW	2.5	2.7	2.8	2.9	3.1	3.3

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.566	0.566
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.48 KW
AIRFLOW = 0.57 CMS
AIRFLOW = 1200. CFM
APP. DEW PT. = 13.7 DEG. C
COMPRESSOR POWER = 2966 WATTS
I.D. FAN POWER = 450 WATTS
O.D. FAN POWER = 240 WATTS
COP = 2.73
EER = 9.30 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

TRANE™

Performance Data
Cooling English

TTB536C1 WITH TWG036A14 AT 1150 CFM

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP. 72	74	76	78	80	COMPR. KW	DEW DEW PT.
	59	31.3	27.4	29.5	31.4*	32.2*	33.0*	2.51	48.0
85	63	33.7	23.3	25.4	27.5	29.6	31.7	2.60	51.8
	67	36.2	18.8	20.9	22.9	25.0	27.1	2.69	55.9
	71	38.7	14.1	16.2	18.3	20.4	22.5	2.79	60.1
	59	30.9	27.2	29.3	31.1*	31.8*	32.6*	2.63	48.2
90	63	33.2	23.1	25.2	27.3	29.4	31.5	2.72	52.1
	67	35.7	18.6	20.6	22.7	24.8	26.9	2.81	56.2
	71	38.2	13.9	16.0	18.1	20.2	22.3	2.91	60.4
	59	30.5	27.0	29.1	30.7*	31.5*	32.3*	2.75	48.4
95	63	32.8	22.9	25.0	27.1	29.2	31.3	2.84	52.3
	67	35.2	18.3	20.4	22.5	24.6	26.7	2.94	56.4
	71	37.6	13.7	15.8	17.9	20.0	22.1	3.04	60.6
	59	29.5	26.5	28.6	29.9*	30.7*	31.4*	2.85	48.9
100	63	31.7	22.4	24.5	26.6	28.7	30.8	2.95	52.8
	67	34.0	17.9	20.0	22.0	24.1	26.2	3.05	57.0
	71	36.3	13.2	15.3	17.4	19.5	21.6	3.15	61.2
	59	28.5	26.1	28.1	29.1*	29.9*	30.5*	2.96	49.5
105	63	30.6	21.9	24.0	26.1	28.2	30.3	3.05	53.4
	67	32.8	17.4	19.5	21.6	23.7	25.7	3.15	57.5
	71	35.1	12.7	14.8	16.9	19.0	21.1	3.25	61.7
	59	26.5	25.1	26.8*	27.4*	28.1*	28.8*	3.18	50.5
115	63	28.5	21.0	23.1	25.2	27.3	28.8*	3.27	54.4
	67	30.5	16.4	18.5	20.6	22.7	24.8	3.36	58.6
	71	32.6	11.8	13.9	16.0	18.0	20.1	3.46	62.8

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	1150	1150
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00
A.D.P.	0.0	+ 0.0

VALUES AT 95/80/67 RATING CONDITIONS
GROSS CAPACITY = 35200 BTUH
AIRFLOW = 1150 CFM
APP. DEW PT. = 56.4 DEG. F
COMPRESSOR POWER = 2939 WATTS
I.D. FAN POWER = 500 WATTS
O.D. FAN POWER = 240 WATTS
S.E.E.R. = 9.90 BTUH/WATT

NOTE: RATED WITH 25 FEET OF 3/4 SUCTION AND 5/16 LIQUID LINE

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN BTUH/1000 — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES F

Performance Data
Cooling — Metric

TTB536C1 WITH TWG036A14 AT 0.54 CMS (1150 CFM)

Return Air DB/WB C		Outdoor Temperatures C 25	29	32	35	40	45
21.0/14.5	Capacity kW	9.3	9.2	9.1	8.9	8.4	7.9
	Sensible kW	7.8	7.7	7.6	7.6	7.3	7.1
	SHR (%)	83	84	84	85	87	90
	Compressor kW	2.3	2.5	2.6	2.7	2.9	3.1
24.0/17.0	Capacity kW	10.0	9.8	9.7	9.5	9.0	8.4
	Sensible kW	8.0	7.9	7.9	7.8	7.6	7.3
	SHR (%)	80	81	81	82	84	87
	Compressor kW	2.4	2.6	2.7	2.8	3.0	3.2
29.0/21.0	Capacity kW	10.6	10.5	10.3	10.2	9.6	9.0
	Sensible kW	8.1	8.0	8.0	7.9	7.7	7.4
	SHR (%)	76	77	77	78	80	83
	Compressor kW	2.5	2.7	2.8	2.9	3.1	3.3

CORRECTION FACTORS - OTHER AIRFLOWS (MULTIPLY OR ADD AS INDICATED)

AIRFLOW	0.543	0.543
TOTAL CAP.	X1.00	X1.00
SENS. CAP.	X1.00	X1.00
COMPR. KW	X1.00	X1.00

VALUES AT ARI RATING CONDITIONS
GROSS CAPACITY = 10.30 KW
AIRFLOW = 0.54 CMS
AIRFLOW = 1150. CFM
APP. DEW PT. = 13.6 DEG. C
COMPRESSOR POWER = 2939 WATTS
I.D. FAN POWER = 500 WATTS
O.D. FAN POWER = 240 WATTS
COP = 2.64
EER = 9.00 BTU/WATT

NOTE: RATED WITH 7.62 METERS OF 3/4 IN. SUCTION AND 5/16 IN. LIQUID LINES

TOTAL AND SENSIBLE CAPACITY
CAPACITIES ARE GROSS IN KILOWATTS — INDOOR FAN HEAT IGNORED
* DRY COIL CONDITION (TOTAL CAPACITY = SENSIBLE CAPACITY)
TOTAL CAPACITY, COMP. KW AND APP. DEW PT. ARE VALID ONLY FOR WET COIL
ALL TEMPERATURES IN DEGREES C

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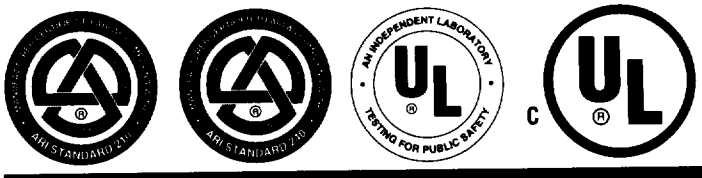

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