MODINE MANUFACTURING CO Form 11-K June 27, 2002

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 11-K

Annual Report Pursuant to Section 15(d) of the Securities Exchange Act of 1934

As of December 31, 2001 and December 31, 2000 and for the year ended December 31, 2001

Commission file number 1-1373

A. Full title of the plan and the address of the plan if different from that of the issuer named below:

> MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

B. Name of issuer of the securities held pursuant to the Plan and the address of its principal executive office:

MODINE MANUFACTURING COMPANY 1500 DeKoven Avenue, Racine, Wisconsin 53403-2552 MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

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NOTE: Supplemental schedules required by the Employee Retirement ----Income Security Act of 1974 that have not been included herein are not applicable.

Report of Independent Accountants

To the Participants and Administrator of the Modine 401(K) Retirement Plan for Hourly Non-Union Employees

In our opinion, the accompanying statement of net assets available for benefits and the related statement of changes in net assets available for benefits present fairly, in all material respects, the net assets available for benefits of the Modine 401(K) Retirement Plan for Hourly Non-Union Employees (the "Plan") at December 31, 2001 and December 31, 2000, and the changes in net assets available for benefits for the year ended December 31, 2001 in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplemental schedules of Assets Held for Investment Purposes as of December 31, 2001 and Reportable Transactions for the year ended December 31, 2001 are presented for the purpose of additional analysis and are not a required part of the basic financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. These supplemental schedules are the responsibility of the Plan's management. The supplemental schedules have been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole.

s/PricewaterhouseCoopers LLP

June 7, 2002

MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

STATEMENT OF NET ASSETS AVAILABLE FOR BENEFTIS

December 31, 2001 and December 31, 2000

ASSETS	2001	2000
Investments	\$ 8,902,618	\$ 6,673,108
Cash and cash equivalents (Note 13)	14,564,107	
Participant loans	295,101	216,775
Total investments	23,761,826	6,889,883
Receivables: Employer contributions Participant contributions	40,710 109,127	63,991 90,778
Accrued dividends	499	851
Total receivables	150,336	155,620
Net assets available for benefits	\$23,912,162	\$ 7,045,503

The accompanying notes are an integral part of the financial statements.

MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

for the year ended December 31, 2001

Additions: Investment income: Net appreciation in fair value of investments Interest Dividends	\$ 133,866 23,538 30,204
Total investment income	187,608
Contributions: Participant Employer Rollover contributions	1,971,173 696,411 25,839
Total contributions	2,693,423
Transfers	28,856
Total additions	2,909,887
Deductions: Distributions to participants Administrative costs	600,685 6,650
Total deductions	607 , 335
Transfer in due to Plan merger (Note 13)	14,564,107
Net increase in net assets available for benefits	16,866,659
Net assets available for benefits: Beginning of year	7,045,503
End of year	\$23,912,162

The accompanying notes are an integral part of the financial statements.

MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

NOTES TO FINANCIAL STATEMENTS

1. Description of Plan

The following description of the Modine 401(k) Retirement Plan for Hourly Non-Union Employees ("the Plan") provides only general information on the Plan. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

A. General

The Plan is a 401(k) profit sharing plan covering all eligible hourly non-union employees of Modine Manufacturing Company, ("the Company"), who have one hour of service. Eligible employees who elect to participate are referred to as ("Participants"). The Plan was established on January 1, 1999 and is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

B. Contributions

Plan Participants enter into a wage reduction agreement wherein the employee elects a reduction in compensation, which the Company contributes to the Plan. Participants direct investment of their contributions into various investment options offered by the Plan. The Plan currently offers eleven investment alternatives. Participants may contribute up to 15% of their compensation including overtime, but before bonuses, commissions or taxable fringe benefits. Participants may transfer into the Plan certain assets previously held under another tax-qualified plan.

The Company currently makes matching contributions equal to 50% of employee contributions up to 6% of total compensation. The Company has the discretion to make an additional contribution and match all or any portion of the Participant's contribution. The matching and discretionary, if any, Company contribution is invested directly in the Modine Company Stock Fund.

Participant and Company contributions are subject to certain statutory limitations.

C. Participant Accounts

Each Participant account is credited with the Participant's contributions and allocations of the Company's matching contribution, the Company's discretionary contribution, and Plan earnings. Allocations of contributions and investment

NOTES TO FINANCIAL STATEMENTS, continued

- 1. Description of Plan, continued
 - C. Participants Accounts, continued

earnings are based on the Participant contributions or

account balances, as provided by the Plan. The net appreciation (depreciation) in fair value of investments is also allocated (charged) to the individual Participant accounts based on each Participant's share of fund investments. The benefit to which a Participant is entitled is the benefit that can be provided from the Participant's vested account.

D. Vesting

Participants are immediately vested in their voluntary contributions plus actual earnings thereon. Participants with an Employment Commencement Date prior to January 1, 2001 are 100% vested in the Company's contributions. Participants with an Employment Commencement Date subsequent to December 31, 2000 will vest in the Company's contributions after three years of service. A year of service is defined as 1,000 or more hours of service.

E. Investment Options

The investment funds listed below have been established for the investment of Plan assets. Participants are allowed to invest their contributions in 1% increments in eleven different funds. With the exception of the Modine Company Stock Fund and the Marshall Money Market Fund, each of the funds is a mutual fund. A mutual fund consists of a variety of investments selected by a professional manager to meet specific objectives of return and risk.

Investment Fund	Primary Investments
Marshall Money Market Fund	Short-term, higher-quality securities, including U.S. Government Securities, commercial paper, certificates of deposit and bankers' acceptances.
M&I Diversified Income Fund	Primarily investment-grade domestic bond funds with a maximum of 30% of its assets invested in equity securities to achieve a total investment return through production of income and secondarily from capital appreciation.

NOTES TO FINANCIAL STATEMENTS, continued

- 1. Description of Plan, continued
 - E. Investment Options, continued

Investment Fund

Primary Investments

M&I Growth Balanced Fund	50 - 70% of its assets are invested in equity securities to achieve a total investment return from income and capital appreciation.
M&I Diversified Stock Fund	90 - 100% of its assets are invested in equity securities to achieve a total investment return primarily from capital appreciation and secondarily from income.
Vanguard Index Trust 500 Portfolio Fund	Substantially the same percentages of common stocks as the Standard & Poor's 500 Composite Stock Price Index.
Managers Special Equity Fund	Securities of companies with small to medium market capitalizations that have potential for superior growth of earnings.
American Century 20th Century International Growth Investment Fund	Primarily invests in common stock of foreign companies that meet certain fundamental and technical standards and have potential for capital appreciation.
Legg Mason Value Fund	Primarily invests in equities issued by companies that the advisor believes to be undervalued in relation to long- term earnings power or asset value.
MFS Massachusetts Investors Growth Stock Fund	Primarily invests in common stocks or convertibles issued by companies exhibiting above-average prospects for long-term growth with up to 50% of assets in foreign securities.
Strong Opportunity Fund	70% of the assets are invested in common stocks and other equity- type securities while the balance of the Fund's assets may be invested in nonconvertible corporate and government intermediate to long term debt securities.
Modine Company Stock Fund	Modine Common Stock

NOTES TO FINANCIAL STATEMENTS, continued

1. Description of Plan, continued

E. Investment Options, continued

All Participant contributions may be transferred or reinvested without restriction into any of the Plan's available investment funds. The Company's matching and discretionary contributions are invested in the Modine Company Stock Fund and must remain in that fund until age 59 1/2.

F. Participant Loans

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum of \$50,000 or 50 percent of their account balances, whichever is less. The maximum loan repayment term is five years, except for loans to purchase a primary residence. Loans bear interest at the Marshall & Ilsely Bank prime rate plus 1%. All principal and interest payments are credited to Participant account balances according to current investment directions in effect for new contributions at the time of each loan repayment.

G. Distributions

If a Participant retires, dies, terminates employment, or incurs a permanent disability, distributions of their account will be made in a lump sum. The timing and form of distributions are subject to certain minimum balances and age restrictions as provided by the Plan.

H. Withdrawals

The Plan provides for both hardship and non-hardship withdrawals. Contributions may only be withdrawn without penalty on or after age 59 1/2 or in the event of retirement, death, disability, or termination on or after age 55. Financial hardship includes certain medical expenses, purchase of a primary residence, tuition and related education fees, or to prevent eviction from, or foreclosure on the mortgage on, the primary residence.

I. Forfeited Accounts

At December 31, 2001 forfeited nonvested accounts totaled \$0. Forfeited accounts are used to pay Plan expenses for the Plan Year in which the forfeitures are to be allocated. Any remaining forfeitures are allocated to reduce the Employer Matching Contributions.

NOTES TO FINANCIAL STATEMENTS, continued

1. Description of Plan, continued

J. Administrative Expenses

Significant expenses of administering the Plan are borne by the Company.

K. Trustee

As of December 31, 2001 and 2000, the assets of the Plan were held under an Agreement of Trust by Marshall & Ilsely

Trust Company, Milwaukee, Wisconsin.

L. Anti-Discrimination Requirements

The Plan is required to meet the anti-discrimination requirements for highly compensated employees as set forth in Section 401(k) and Section 401(m) of the Internal Revenue Code. For years in which the Plan does not meet these requirements, a refund of Participant contributions made by highly compensated employees and the related Company matching contributions must be made within two and one-half months after the close of the Plan year.

- 2. Summary of Significant Accounting Policies
 - A. Basis of Accounting

The financial statements of the Plan are prepared under the accrual method of accounting, in accordance with generally accepted accounting principles.

B. Investment Valuation

Investment in the Modine Company Stock Master Trust Fund ("Master Trust"), consisting primarily of Modine Common Stock, with a small amount in money market investments, is valued at this Plan's proportionate share of the aggregate net asset value of the Master Trust's assets. The net asset value per unit is calculated by dividing the fund's total market value by the outstanding number of Participant units. The units are updated daily based upon Participant activity. The number of units and market price of the Modine Company Stock Master Trust Fund held by the Plan is as follows:

	December 31, 2001	December 31, 2000
Units	181,190	150,094
Market Price	\$4,757,203	\$3,373,283

NOTES TO FINANCIAL STATEMENTS, continued

- 2. Summary of Significant Accounting Policies, continued
 - B. Investment Valuation, continued

Investments held in the other ten funds are stated at the market value of units held by the Plan as of the last trading day of the period, as reported by the managers of the Fund.

Loans to Participants are valued at the balance of amounts due, plus accrued interest thereon, which approximates fair value.

C. Security Transactions and Related Investment Income

Security transactions are accounted for as of the trade date and dividend income is recorded as of the dividend record date. Interest income is recorded on the accrual basis. The cost of securities sold is determined on a moving average cost basis.

D. Net Appreciation (Depreciation) in Fair Value of Investments

The Plan presents in the statement of changes in net assets available for benefits the net appreciation (depreciation) in the fair value of its investments which consists of the realized gains or losses and the unrealized appreciation (depreciation) on those investments.

E. Contributions

Poth Participant and Company on

Both Participant and Company contributions are recorded and transferred to the trustee within two weeks of the date the Participant contributions are withheld from the Participant's compensation.

F. Withdrawals and Distributions

Withdrawals and distributions from the Plan are recorded at the fair value of the distributed investments, plus cash paid in lieu of fractional shares where applicable. Withdrawals and distributions are recorded when paid.

G. Use of Estimates

Financial statements prepared in conformity with generally accepted accounting principles require management to make estimates and assumptions that significantly affect amounts and disclosures reported therein. Actual results could differ from those estimates.

NOTES TO FINANCIAL STATEMENTS, continued

3. Investments

The following presents investments that represent 5 percent or more of the Plan's net assets:

	December 31, 2001	December 31, 2000
M&I Diversified Stock Fund, - and 13,352 units, respectively	\$	\$ 362,715
Vanguard Index Trust 500 Portfolio Fund, 18,085 and 13,009 units, respectively	1,914,974	1,585,282

Managers Special Equity Fund, - and 5,629 units, respectively		432,323
Investment in Modine Company Stock Master Trust Fund, 181,190 and 150,094 units, respectively	4,757,203*	3,373,283*
* Participant and non-participant c	directed	
During 2001, the Plan's investments (on investments bought and sold, as we year) appreciated in value by \$133,86	ell as held during the	
Mutual Funds	\$(415,717)	
Master Trust Investment	549 , 583	
	\$ 133,866 ======	
Master Trust Information		
The Plan's allocated share of the Mas December 31, 2001 and 2000 is as foll		is at
	Plan's Share of	f Master

	Trust's Net Assets	
	2001	2000
Modine Company Stock Master		
Trust Fund	26.51%	26.83%

The following assets are held in the Modine Company Stock Master Trust Fund at December 31, 2001 and December 31, 2000:

NOTES TO FINANCIAL STATEMENTS, continued

4. Master Trust Information, continued

4.

	2001	2000
Modine Common Stock	\$17,466,984	\$12,223,576
Receivables, net	920	2,425
Cash and cash equivalents	494,272	354,426
Total	\$17,962,176	\$12,580,427

Investment income for the Modine Company Stock Master Trust Fund for the year ended December 31, 2001 is as follows:

\$1,345,633
19,836
667,442

	Total	\$2,032	,
5.	Nonparticipant -Directed Inv		
	The Modine Company Stock Mas nonparticipant-directed amou assets and the significant o relating to the nonparticipa	unts. Information about components of the change	ut the net ges in net assets
		December 31, 2001	December 31, 2000
	Net Assets:		
	Common Stock	\$3,480,630	\$2,593,856
		Year Ende December 31,	
	Changes in Net Assets:		
	Contributions	\$ 696,43	11
	Net appreciation	394,18	32

Benefits paid to Participants

6. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions

(203,819) -----\$ 886,774 =======

NOTES TO FINANCIAL STATEMENTS, continued

6. Plan Termination, continued

at any time and to terminate the Plan subject to the provisions of ERISA.

7. Number of Participants

Prior to the Plan merger, discussed in Note 13, there were 1,135 Participants in the Plan as of December 31, 2001. The number of Participants investing in each of the Plan's funds as of that date is as follows. Participants may be included in more than one fund, as applicable.

American Century 20th Century	
International Growth Investment Fund	312
Legg Mason Value Fund	29
MFS Massachusetts Investors Growth Fund	14
Strong Opportunity Fund	27
Modine Company Stock Fund	1,134

8. Units and Unit Values

The following funds are accounted for on a unitized, dailyvalued fund basis. The number of units, which are calculated daily by the trustee, and unit values of net assets as of December 31, 2001 were:

	Units	Unit Value
Marshall Money Market Fund M&I Diversified Income Fund	285,325 12,118	\$ 1.00 16.64
M&I Growth Balanced Fund M&I Diversified Stock Fund	18,354 17,981	20.67 24.73
Vanguard Index Trust 500 Portfolio Fund	18,085	105.89
Managers Special Equity Fund American Century 20th Century	7,325	70.60
International Growth Investment Fund	42,667	7.97
Legg Mason Value Fund	646	50.06
MFS Massachusetts Investors Growth Fund	245	12.89
Strong Opportunity Fund	681	39.29
Modine Company Stock Fund	181,190	26.26

9. Tax Status

The Plan is intended to be a qualified profit sharing plan under Section 401(a) and 401(k) of the Internal Revenue Code ("the Code"), and as such is not subject to Federal income

NOTES TO FINANCIAL STATEMENTS, continued

9. Tax Status, continued

taxes. A request will be initiated with the IRS for a tax determination letter for the Plan. The Plan administrator and the Plan's tax counsel believe that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code.

10.Risks and Uncertainties

The Plan provides for various investment options in any combinations of stocks, bonds, fixed income securities, mutual funds, and other investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in risks in the near term would materially affect Participants' account balances and the amounts reported in the statement of net assets available for

benefits and the statement of changes in net assets available for benefits.

11.Related Party Transactions

At December 31, 2001 and 2000, the Plan held shares of mutual funds managed by Marshall & Ilsley Trust Company, and held units in the Modine Company Stock Master Trust Fund. Marshall & Ilsley acts as the Plan Trustee, and Modine Manufacturing Company acts as the Plan Administrator. These transactions are allowable party-in-interest transactions under ERISA and the regulations promulgated thereunder.

12.Reconciliation of Financial Statement to Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500:

	December 31, 2001	December 31, 2000
Net assets available for		
benefits per the financial		
statements	\$23,912,162	\$7,045,503
Amounts allocated to		
withdrawing Participants	(7,308)	(571)
Net assets available for		
benefits per the Form 5500	\$23,904,854	\$7,044,932
-		=========

NOTES TO FINANCIAL STATEMENTS, continued

12.Reconciliation of Financial Statement to Form 5500, continued

The following is a reconciliation of benefits paid to Participants per the financial statements to the Form 5500:

	Year Ended
	December 31, 2001
Benefits paid to Participants per the	
financial statements	\$600,685
Add: Amounts allocated to withdrawing	
Participants at December 31, 2001	7,308
Less: Amounts allocated to withdrawing	
Participants at December 31, 2000	(571)
Benefits paid to Participants per the	
Form 5500	\$607,422
	========

Amounts allocated to withdrawing Participants are recorded on the Form 5500 for benefit claims that have been processed and approved for payment prior to December 31 but not yet paid as of that date.

13.Plan Merger

Effective December 31, 2001 the Modine Subsidiaries 401(K) Defined Contribution Plan, the Modine Climate Systems, Inc. Employee Savings Plan, the Thermacore International, Inc. 401(K) Profit Sharing Plan, and the Modine 401(K) Retirement Plan for Hourly Union Employees as said Plans provide for employees classified as hourly-paid, were merged into the Modine 401(K) Retirement Plan for Hourly Non-Union Employees. Accordingly, all assets were liquidated to cash and transferred from New York Life Trust Company, trustee of the former Modine Subsidiaries 401(K) Defined Contribution Plan and the Modine Climate Systems, Inc. Employee Savings Plan and Fulton Bank, trustee of the former Thermacore International, Inc. 401(K) Profit Sharing Plan, to Marshall & Ilsley Trust Company, trustee of the Modine 401(K) Retirement Plan for Hourly Non-Union Employees on December 31, 2001. Marshall & Ilsley serves as the trustee for both the former Modine 401(K) Retirement Plan for Hourly Union Employees as well as the Modine 401(K) Retirement Plan for Hourly Non-Union Employees.

14.Subsequent Event

The Plan was renamed the "Modine 401(K) Plan for Hourly Employees" effective January 1, 2002.

The Plan was amended to increase the amount Participants may contribute to the Plan from up to 15% of base pay to 50% of base pay, subject to certain statutory limitations, effective January 1, 2002.

SUPPLEMENTAL SCHEDULES

MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

Schedule H, Line 4i - Schedule of Assets Held for Investment Purposes at December 31, 2001

(a)	(b)	(c)		(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral par or maturity value	Shares or Units	Cost	Current Value
*	Marshall Funds, Inc.	Marshall Money Market Fund (interest bearing cash)	285,324	\$ 285,324	\$ 285,324
*	Marshall & Ilsley Trust Company	Diversified Income Fund Growth Balanced Fund Diversified Stock Fund	12,118 18,354 17,981		201,686 379,306 444,634
	The Vanguard Group	Vanguard Index Trust 500 Portfolio Fund	18,085	2,181,768	1,914,974
	The Managers Funds,L.P.	Special Equity Fund	7,325	565 , 707	517,160

American Century World Mutual Funds, Inc.	Twentieth Century International Growth Fund	42,667	459,288	340,059
Legg Mason	Value Fund	646	35,964	32,355
MFS Massachusetts Investors	Growth Fund	245	3,185	3,159
Strong	Opportunity Fund	681	27,773	26,757
Participant Loans	9.25 – 10.50% interest rate; various maturity rates			295,101
Modine Manufacturing Company	Common Stock and Marshall Money Market Fund	181 , 190	5,010,815	4,757,203

* Represents party in interest to the Plan.

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MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

Schedule H, Line 4j - Schedule of Reportable Transactions for the year ended December 31, 2001

	(a)	(b)	(c)	(d)	(g)	
	Identity of Party Involved	Description of of Asset (include interest rate and maturity in case of a loan	Purchase Price	Selling Price	Cost of Asset	Т —
Purchases of investments:						
	The Vanguard Group	Vanguard Index Trust 500 Portfolio Fund	\$ 833,306 (78)		\$ 833,306	\$
	Modine Manufacturing Company	Modine Manufacturing Company Stock Master Trust Fund	1,263,732 (62)		1,263,732	

EXHIBITS TO ANNUAL REPORT ON FORM 11-K

The exhibits listed below are filed as part of this Annual Report on Form 11-K. Each exhibit is listed according to the number assigned to it in the Exhibit Table of Item 601 of Regulation S-K.

Exhibit Number	Description
4	Modine 401(k) Retirement Plan for Hourly Non-Union Employees (Incorporated by reference to Exhibits 99(a) and (b) to the companies filing of Form S-8 dated October 26, 1998 and October 20, 2000).
23	Consent of Independent Accountants, filed herewith.

Pursuant to the requirements of the Securities Exchange Act of 1934, the members of the Committee which administers the Plan have duly caused this annual report to be signed by the undersigned hereunto duly authorized.

MODINE 401(K) RETIREMENT PLAN FOR HOURLY NON-UNION EMPLOYEES

June 24, 2002

DAVE B. SPIEWAK

Committee Member - Dave B. Spiewak

ROGER L. HETRICK

Committee Member - Roger L. Hetrick

DEAN R. ZAKOS

Committee Member - Dean R. Zakos